

Appendix C
1979 Mission Street Shadow Analysis

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34 Corte Madera Avenue
Mill Valley, CA 94941

November 23, 2015

TO: Debra Dwyer
San Francisco Planning Department
1650 Mission Street, Suite 400
San Francisco, CA 94103

SUBJECT: 1979 Mission Street Shadow Analysis

INTRODUCTION

CADP performed a technical shadow analysis to measure, quantify, and discuss potential net new shadow impacts that the 1979 Mission Street project (Project) may have on the playground and outdoor learning area at Marshall Elementary School, and on the two public plazas at the 16th Street Mission Bay Area Rapid Transit (BART) Station. This analysis is based on project information provided by Skidmore, Owings & Merrill, the project architect, in conjunction with data developed exclusively by CADP. In addition, information regarding uses within the 16th Street Mission BART Station plazas was collected by Planning Department staff; school schedules and use of the playground and outdoor learning area at Marshall Elementary School were provided from the school web site and confirmed with school personnel by the Planning Department.

The Marshall Elementary School and BART spaces are not under the jurisdiction of the Recreation and Park Department. However, the Planning Department determined that because the Proposed Project is subject to review under the California Environmental Quality Act (CEQA)—and because it would potentially cast new shadow on another outdoor recreation facility, park, or public open space, adversely affecting the use or enjoyment of that park or open space—a quantitative shadow analysis is required.

REPORT ORGANIZATION

This report is organized as follows:

1. Background on CEQA Review – Provides background information about the need for a shadow analysis for this Project and for a determination of shadow impacts in accordance with CEQA;
2. Proposed Project – Provides a description of the Proposed Project, a description of the existing site and uses, and a description of surrounding properties;
3. Potentially Affected Properties – Provides information about the three potentially affected properties and the uses of the open spaces on the properties: Marshall Elementary School and the 16th Street Mission BART Station northeast and southeast BART plazas;
4. Methodology for Analysis – Summarizes the methods used in the analysis; and
5. Findings – Summarizes the shadow findings for each property, including existing and proposed shadows, and provides a description of the maximum net new shadow day (day with greatest impact). The analysis of the Proposed Project's impacts is both quantitative and qualitative.

Several exhibits supporting the analysis are attached to the report. They include Exhibit A – Marshall Elementary School Schedules; Exhibit B – Mission Street Public Life Plan Survey Data; Exhibit C – Shadow Projection Graphics; and Exhibit D – Summaries and Quantitative Results.



34 Corte Madera Avenue
Mill Valley, CA 94941

1. BACKGROUND ON CEQA REVIEW

Because the Project includes construction of a structure greater than 40 feet in height, a preliminary shadow fan analysis was required under Proposition K. The preliminary shadow fan prepared by the Planning Department showed that the Project would not shade any Recreation and Park Department properties; and that the Proposed Project, therefore, is not subject to the provisions of Planning Code Section 295.¹ However, it was determined that because the Project has the potential to shade other public recreation and open spaces, further quantitative shadow analysis was required.

To inform the CEQA analysis, the Planning Department may require a detailed quantitative analysis for non-Section 295 properties in cases where Section 295 does not apply, based on a project's height or some other circumstance. For the Proposed Project, the Planning Department required a detailed quantitative analysis to determine the net new shadow that would result; and documentation of the existing activities in the affected open spaces. The open spaces and outdoor recreation facilities potentially affected by the Proposed Project are the 16th Street Mission BART Station plazas and the schoolyard and outdoor classroom at Marshall Elementary School.

The Planning Department has set forth Shadow Analysis Procedures and Scope Requirements for quantitatively measuring a proposed project's shadow impact.² The Theoretically Available Annual Sunlight (TAAS) is the amount of sunlight that would be available in a park or open space in the course of a year if there were no shadows from structures, trees, or other facilities. TAAS is calculated in square-foot-hours (sfh)—the expression of shadow over the course of an hour, based on 15-minute sample times—by multiplying the area in square feet of the park/open space by 3,721.4 (the maximum number of hours of sunlight available on an annual basis in San Francisco). Quantitatively, new shadows cast by a proposed project are to be measured by the additional annual amount of shadow, expressed in sfh as a percent of TAAS.

2. PROPOSED PROJECT

Site Description and Current Use

The Project site is an approximately 57,325-square-foot parcel (Assessor's Block 3553, Lot 052) at 1979 Mission Street, on the block bounded by Mission Street to the west, 16th Street to the south, Capp Street to the east, and 15th Street to the north. The Project site abuts the existing 16th Street Mission BART Station northeast BART Plaza to the north and east of the plaza, and abuts the Marshall Elementary School playground to the south of the playground. Currently, the Project site is improved with retail buildings (including Walgreens, Burger King, and other neighborhood businesses) and a surface parking lot accessed from Capp Street. The existing buildings on the Project site are one story or one story plus mezzanine, ranging in height from 23 to 30 feet.

Surrounding Property and Neighborhood

The Project site is surrounded by a variety of uses, including commercial, residential, entertainment, and institutional uses. Marshall Elementary School is to the north of the Project site along Capp Street. The Victoria Theatre is south of the Project site, immediately across 16th Street. Across Mission Street to the west are commercial buildings ranging from one to four stories, approximately 15 to 60 feet in height. Immediately to the southwest of the Project site is the northeast BART Plaza of the 16th Street Mission BART Station, at the northeastern corner of the intersection of Mission and 16th streets. The southwest BART Plaza and entrance

¹ San Francisco Planning Department, 2014. 1979 Mission Street Shadow Fan Analysis. May 21. A copy of this document is available at the Planning Department, 1650 Mission Street, Suite 400, San Francisco, as part of case file 2013.1543E.

² San Francisco Planning Department, 2014. *Shadow Analysis Procedures and Scope Requirements*. This document is available online at <http://sfmea.sfplanning.org/Shadow%20Memo.pdf>. Accessed October 27, 2015.



34 Corte Madera Avenue
Mill Valley, CA 94941

for the BART station is across 16th and Mission streets from the Project site. Across 16th Street from the Project site are commercial buildings ranging from three to five stories, approximately 40 to 65 feet in height. North of the Project site there is a mix of commercial, mixed-use (commercial on the ground floor and residential above), and residential buildings, and Marshall Elementary School; these buildings range in height from two to four stories, and in height from approximately 30 to 50 feet. Across Capp Street from the Project site are residential and commercial buildings ranging from one to four stories, approximately 15 to 65 feet in height.

Project Description

The Project proposes to demolish the existing one-story structures on the Project site, and to construct a five- to 10-story, 389,808-gross-square-foot mixed-use development with 331 residential units above 32,676 square feet of ground floor retail space. The new building would include two 10-story components of approximately 105 feet in height, exclusive of the elevator penthouses, and one five-story component of 55 feet in height, exclusive of the elevator penthouse.

There will be off-street parking in the basement garage and at the ground floor level, which will comprise 162 off-street parking spaces (22 independently accessible spaces for retail use, four car share spaces, 136 spaces for the residential units, one handicap van parking space, and three freight loading spaces). The basement garage and ground floor levels will also house approximately 162 Class 1 bicycle spaces. There will be a minimum of 30 Class 2 bicycle spaces in the public right-of-way in two bicycle corrals; one on Mission Street and one on Capp Street. Ingress and egress to the off-street parking spaces, freight loading spaces, and garbage and recycling pick up will be from Capp Street via a 20-foot-wide garage door and a 20-foot-wide curb cut.

3. POTENTIALLY AFFECTED PROPERTIES

Marshall Elementary School

The Marshall Elementary School playground is relatively level; it is located along Capp Street, between the Marshall Elementary School building and the Project site. West of the main school building there is an outdoor learning area that provides a garden and classroom space. The playground is on the southern portion of the school site; it consists of a paved play area, with a designated kickball diamond and four-square patterns, basketball hoop, jungle gym, and new-turf soccer field. The playground has one tree, close to the school building on the western side of the playground. A temporary trailer, which is used as a library, is situated at the southwestern corner of the playground. An aerial image of the area, showing the locations of the outdoor learning area and playground boundary, is included below as Figure 1a.

The annual school year is typically from mid-August through mid-July. The daily schedule for the school is from 8:15 a.m. through 6:00 p.m. Recess and lunch times occur between 10:15 a.m. and 1:00 p.m., and the school day ends at 2:40 p.m. The playground is generally used throughout the day, from 8:15 a.m. through 6:00 p.m. In addition to being used for recess and lunch/recess periods, the playground is used during the school day for physical education classes; after 2:40 p.m., it is used for the After School Program³ Figure 1b shows the configuration of the playground.

The outdoor learning area is typically in use from 9:00 a.m. through 5:00 p.m., 5 days per week (Monday through Friday).⁴

³ Avila, Peter, 2014. Telephone record of communication between Debra Dwyer, Planning Department staff, and Peter Avila, Principal, Marshall Elementary School. November 20. A copy of this document is available for review at the Planning Department, 1650 Mission Street, Suite 400, San Francisco, California, as part of Case file 2013.1543E.

⁴ Ibid.



34 Corte Madera Avenue
Mill Valley, CA 94941

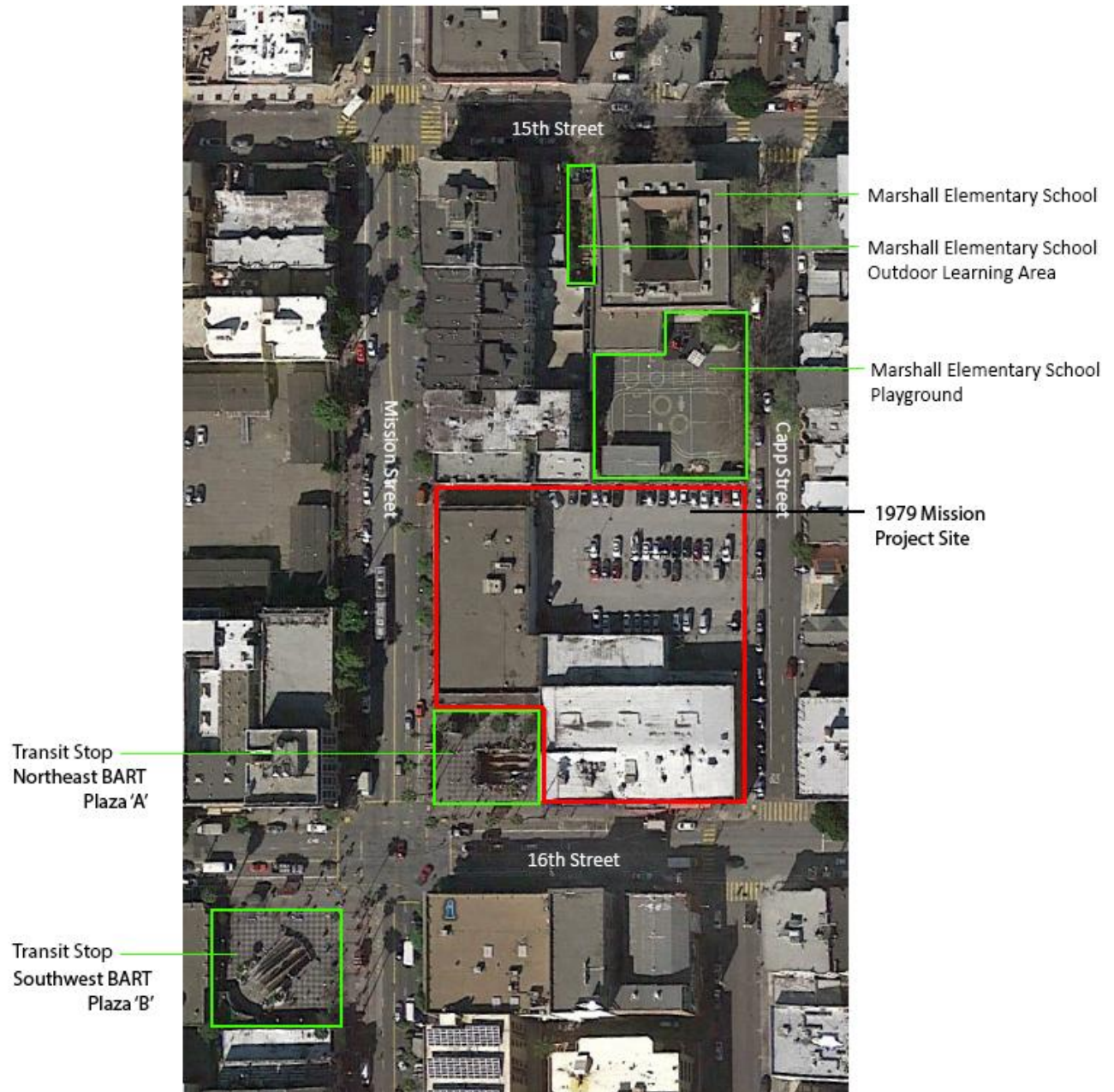


Figure 1a. Aerial image of area.



34 Corte Madera Avenue
Mill Valley, CA 94941



Source: Skidmore, Owings & Merrill LLP, 2015.

Figure 1b. Detail of Marshall Elementary School Playground Layout

In past years, there has been a Summer Program during the summer break, which includes activities in the playground from 8:15 a.m. to 3:15 p.m. San Francisco Unified School District has consolidated the number of school sites at which the Summer Program is offered, and there currently is no summer program at Marshall Elementary School.⁵ Although it is not known if Marshall Elementary School would be a program site for the Summer Program in the future, this analysis conservatively assumes that it could be a Summer Program site.

Information regarding the 2014-2015 schedule and the anticipated 2015 Summer Program schedule is provided in Exhibit A.

⁵ Ibid.



34 Corte Madera Avenue
Mill Valley, CA 94941

16th Street Mission BART Station Plazas

The 16th Street Mission BART Station is accessed via two public plazas: one, approximately 5,821 square feet in size, is on the northeastern corner of the intersection of 16th and Mission streets (Plaza A in Figure 1a); and the second, approximately 8,678 square feet in size, is on the southwestern corner of the intersection (Plaza B in Figure 1a). The southwest BART Plaza (Plaza B) was renovated in 2003. The northeast BART Plaza (Plaza A) was renovated in 2006, as part of a cooperative effort between BART, the Metropolitan Transportation Commission, San Francisco County Transportation Authority, and the 16th Street community. The renovated 16th Street northeast BART Plaza incorporates artwork into both the functional elements, such as the fencing, and sculptural elements, such as the work atop the elevator. Both plazas also include benches, trash collection receptacles, and palm and magnolia trees.

There are four transit stops adjacent to the BART plazas. At each plaza, there is a stop on 16th Street and one on Mission Street. The 16th Street transit stops serve the 22 Fillmore and the 55 16th Street bus routes. The Mission Street transit stops serve the 14 Mission, the 14R Mission Rapid (formerly the 14L Mission Limited), the inbound 33 Stanyan, and the 49 Van Ness-Mission bus routes.

- **Northeast BART Plaza.** The northeast BART Plaza is framed by one-story commercial uses on the Project site to the north and east of the plaza; 16th Street to the south; and Mission Street to the west. The plaza is generally open, with the BART station escalators in the southeastern portion of the plaza, the BART elevator in the northwestern portion of the plaza, and bus stops adjacent to the plaza on Mission and 16th streets. There are seats and benches to the west and south of the BART escalator railing, and there are trees along areas of the periphery of the plaza.
- **Southwest BART Plaza.** The southwest BART Plaza is bordered on the south by one-story commercial uses, with two- and three-story buildings just beyond, and buildings ranging from one to four stories west of the plaza; 16th Street to the north; and Mission Street to the east. The plaza is generally open, with the BART station escalators in the southwestern portion of the plaza, a public restroom/kiosk near the northwestern corner of the plaza along the sidewalk, and bus stops adjacent to the plaza on Mission and 16th streets. There are seats and benches along the northern and eastern periphery of the plaza; in addition, the steps surrounding the BART escalator railing are used as seating. There are several trees along the periphery of the plaza.

In addition to serving as a transit station/stop, the BART plazas are used as passive open space. Throughout the day, people make passive use of the plazas, standing, and sitting on the benches or on the ground, or leaning on features such as trees or walls. The sections below summarize Planning Department survey data for the plazas, and provide an overview of the typical use in these public open spaces.⁶ The surveys were conducted on May 28, 2014 (weekday), and May 31, 2014 (weekend), from approximately 8:00 a.m. through 5:00 p.m., and provide the number of people at three general locations in each plaza: the transit stop on 16th Street, the transit stop on Mission Street, and the remainder of the plaza areas. The survey does not account for people passing through the plaza to enter the BART Station.⁷ In each of these areas, the surveys assessed how people used the space: either standing; sitting formally, in designated seating areas (i.e., seats

⁶ The Planning Department is leading a community-based planning effort to develop the Mission Public Life Plan. The Mission Public Life Plan looks at how Mission Street is used between its intersections with Van Ness Avenue and Randall Street, and explores ideas that can express the needs and identity of its users. As part of the development of this overall plan for the Mission Street corridor, Planning Department staff conducted surveys of the use of the BART plazas on Mission Street at 16th and 24th streets on May 28, 2014 (weekday), and May 31, 2014 (weekend), from approximately 8:00 a.m. through 5:00 p.m. More information regarding the Mission Public Life Plan can be found at the Planning Department web page for the plan, available online at: http://www.sf-planning.org/ftp/files/Citywide/mission_street_public_life_plan/Mission_PLP_Final_web.pdf, and accessed October 22, 2015.

⁷ During the 2015 BART fiscal year, 12,989 riders exited the 16th Street Mission BART Station on an average weekday. BART, 2015. BART Fiscal Year Weekday Average Exits By Station. Available online at: bart.gov/about/reports/ridership. Accessed October 22, 2015.



34 Corte Madera Avenue
Mill Valley, CA 94941

or benches); and sitting informally (e.g., sitting or leaning on something other than a bench or seat, or sitting on the ground). The survey data are provided in Exhibit B.

Based on the Planning Department survey, the majority of the use of the BART plazas generally occurs in the open plaza areas, not at the transit stops (labeled as rest of plaza in Exhibit B, Tables 1 and 2). During weekdays, the use of the plazas generally peaks during the late morning/early afternoon (11:00 a.m. through 2:00 p.m.), with use increasing again by late afternoon (4:00 p.m. through 5:00 p.m.). During weekends, the use of the northeast BART Plaza generally increases throughout the afternoon, and peaks in the late afternoon (4:00 p.m. through 5:00 p.m.), while use of the southwest BART Plaza remains relatively constant throughout the day.

The transit stops adjacent to the BART plazas generally experience peak use during weekday morning hours (8:00 a.m. through 12:00 p.m.); use of the transit stops on Mission Street also increases during weekday late afternoons (4:00 p.m. through 5:00 p.m.). Peak use of transit stops on weekends is generally mid-day from 11:00 a.m. through 2:00 p.m., with increased levels of use also in the late afternoon (3:00 p.m. through 5:00 p.m.).

4. METHODOLOGY FOR ANALYSIS

CADP prepared a shadow analysis to quantify the amount of net new shadow that would be cast by the Proposed Project on the Marshall Elementary School playground, and on the two public plazas at the 16th Street Mission BART Station. The analysis was conducted based on a solar year, to provide a sample of representative sun angles throughout the entire calendar year. The solar year is from June 21 through December 20. The sun angles during the other portions of the calendar year, or December 21 through June 20, mirror the solar year sun angles. Remaining consistent with the weekly sun angle sample set, the dates above represent the equinox and solstice dates originally defined by the City Planning methodology in 1989. Because the angles are mirrored, an analysis of the other portions of the calendar year is not conducted; instead, a multiplier is used to put the sample results into calendar year units. Using a multiplier does not change the percentages of net new shadow. Where a particular date is identified in this report, the mirror date is also noted. For purposes of the analysis, time was measured in decimal hours at 15-minute intervals from sunrise plus 1 hour to sunset minus 1 hour.

5. FINDINGS

For each of the affected properties, the findings are summarized in terms of the sun/shading of the properties on December 20, June 21, and September 20. In addition, the day with the maximum net new shadow cast by the Proposed Project is described for the time when the net new shadow from the Proposed Project (1) would be at its largest size by area; and (2) would result in the overall greatest shadow impact in terms of size and duration (i.e., the maximum net new shadow as measured in sfh).

For the purposes of the quantitative shadow analysis, shadow impacts are calculated based on sfh recorded. Graphical depictions of the shadows for the dates of December 20, June 21, and September 20 are provided in Exhibit C, and tables showing the quantitative shadow results for each of the affected properties described above are included in Exhibit D.

Marshall Elementary School

Existing Shadow

Marshall Elementary School has two outdoor areas: the playground and the outdoor learning area. These two areas are distinct spaces; the TAAS for each of them is summarized separately below.

The TAAS for the Marshall Elementary School playground is approximately 54,615,706 sfh, as shown in Table 1 below. Under existing conditions, the playground is shaded approximately 22 percent of the time, and has an existing shadow load of approximately 12,061,131 sfh. The existing shadow on the playground is caused primarily by the existing one- to four-story buildings to the east and west of the playground.



34 Corte Madera Avenue
Mill Valley, CA 94941

Table 1. Shadow Load on Marshall Elementary School				
	Available Sunlight	Existing Shadow Load	Net New Shadow Load from Project	Total Shadow Load with Project
Playground				
Square-foot-hours	54,615,706	12,061,131	11,785,129	23,846,259
Percent	100	22.08	21.57	43.66
Outdoor Learning Area				
Square-foot-hours	9,592,307	6,022,990	17,286	6,040,276
Percent	100	62.79	0.18	62.97

Note: Square-foot-hours rounded to the nearest whole number.

In addition, the TAAS for the Marshall Elementary School outdoor learning area is approximately 9,592,307 sfh, as shown in Table 1. Under existing conditions, the outdoor learning area is shaded approximately 62.79 percent of the time, and has an existing shadow load of approximately 6,022,990 sfh. The existing shadow on the outdoor learning area is caused by the school building as well as the existing four- to five-story buildings to the west of the outdoor learning area.

During the winter (i.e., December), the playground is completely shaded by existing buildings at 8:00 a.m. (sunrise plus 1 hour). From approximately 9:00 a.m. until approximately 1:00 p.m., more than 80 percent of the playground is in sunlight, including approximately 80 percent of the soccer field, all of the athletic courts, and the jungle gym areas (Exhibit C, pages 31 through 35). After 1:00 p.m. shadows from existing buildings to the west of the school and from the existing trailer at the southwestern corner of the playground begin to cover the playground (Exhibit C, page 36). By 3:00 p.m., slightly less than half of the northwestern side of the playground is shaded, including the soccer field and jungle gym areas (Exhibit C, page 37). By 4:00 p.m. (sunset minus 1 hour), the playground is almost entirely shaded (Exhibit C, page 38).

In addition, the outdoor learning area is completely shaded by existing buildings until after 10:00 a.m. By just after 11:00 a.m., the outdoor learning area is completely sunny until after 1:00 p.m., when the existing buildings to the west begin to cast a shadow on the outdoor learning area. The outdoor learning area is completely shadowed by existing buildings by 2:00 p.m. (Exhibit C, pages 35 through 36).

As the season transitions from winter to summer, the playground and outdoor learning area experience less shadow from existing buildings throughout the day.

In summer (i.e., June), the playground is largely shaded at 6:00 a.m. (sunrise plus 1 hour) (Exhibit C, page 2). From 8:00 a.m. through approximately 4:00 p.m., the playground is more than 90 percent sunny (Exhibit C, pages 4 through 12). From 4:00 p.m. through 6:00 p.m., the shadows from existing buildings to the west and from the temporary trailer on the playground begin to cover the playground's western edge, primarily in the area of the soccer field (Exhibit C, pages 12 through 14). By 7:00 p.m., the playground is largely shaded (Exhibit C, page 15).

The outdoor learning area is completely shaded by the existing school building to the east until 10:00 a.m. The shadow recedes, and by 11:00 a.m. the outdoor learning area is largely sunny (Exhibit C, pages 4 through 7). The existing buildings to the west start to cast a shadow on the outdoor learning area after 3:00 p.m., and by 5:00 p.m. the outdoor learning area is fully shadowed by the existing buildings to the west (Exhibit C, pages 11 through 13).

As the seasons transition from summer to autumn, the playground experiences more morning shadow over time as a result of the existing buildings. The outdoor learning area is completely shaded in the morning in both summer and autumn, although it becomes sunny earlier in the summer (11:00 a.m.) than in the autumn (noon). In both summer and autumn, the playground would be largely sunny from approximately 10:00 a.m. to 2:00 p.m., although the playground would experience slightly more shadow as the season



34 Corte Madera Avenue
Mill Valley, CA 94941

transitions to autumn. Then from 2:00 p.m. until sunset, the shadow on the playground and outdoor learning area from existing buildings increases in size as the season transitions to autumn.

In autumn (i.e., September), the playground is mostly shaded at 8:00 a.m., except for the southwestern corner of the soccer field (Exhibit C, page 18). By approximately 9:00 a.m., the playground, including all play areas, is largely sunny and remains so until approximately 3:00 p.m. (Exhibit C, pages 19 through 25). At this time, the shadows from the existing buildings to the west and from the temporary trailer on the playground start to encroach on the playground from west to east, eventually reaching the eastern edge of the playground along Capp Street (Exhibit C, pages 26 and 27). By 6:00 p.m., the playground is almost entirely shaded by the existing buildings to the west (Exhibit C, page 28).

The outdoor learning area is completely shaded by the existing school building to the east until after 10:00 a.m., when the shadow recedes; by noon, the outdoor learning area is almost entirely sunny (Exhibit C, pages 18 through 22). The existing buildings to the west start to cast a shadow on the outdoor learning area around 3:00 p.m., and by 4:00 p.m. the outdoor learning area is fully shadowed by the existing buildings to the west (Exhibit C, pages 25 through 26).

As the season transitions from autumn to winter, the playground experiences more shadow from existing buildings throughout the day. As the season transitions to winter, the outdoor learning area becomes sunny slightly earlier, but also becomes shaded earlier in the day.

Proposed Project Shadow

The Proposed Project would reduce the annual available sunlight on the Marshall Elementary School playground by 21.57 percent (as a percentage of TAAS). This is an 11,785,129-sfh reduction of sunlight on an annual basis, resulting in a total shadow load on the playground of 23,846,259 sfh. The Proposed Project would result in a total shadow load on the playground of 43.66 percent. In addition, the Proposed Project would reduce the annual available sunlight on the Marshall Elementary School outdoor learning area by 0.18 percent (as a percentage of TAAS). This is a 17,286-sfh reduction of sunlight, resulting in a total shadow load on the outdoor learning area of 6,040,276 sfh. The Proposed Project would result in a total shadow load on the outdoor learning area of 62.97 percent. These findings are presented in Table 1.

During the winter (i.e., December 20), the Project would cast net new shadow on the southwestern portion of the playground (occupied partially by the new soccer field and partially by the temporary trailer used as the school's library) in the early morning, by approximately 8:30 a.m. (Exhibit C, page 31). Some existing shadow from the trailer will already occur in that area at that time. The Proposed Project's net new shadow would increase in coverage of the playground throughout the morning, moving west to east towards Capp Street; and by 12:00 p.m., most of the playground would be shadowed by net new shadow from the Project (Exhibit C, pages 32 through 34). The net new shadow created by the Project would start to diminish in the afternoon as it is replaced by existing shadows from the buildings to the west; by approximately 3:00 p.m. (Exhibit C, page 37), the playground would be about half shadowed by net new shadow from the Project.

In addition, during the winter, the proposed project would cast new shadow on the outdoor learning area from approximately 12:15 through 2:00 p.m. (Exhibit C, pages 35-36). On December 20, net new shadow from the Project would shadow approximately 18 percent (459 square feet), the southern portion, of the school's outdoor learning area, at 12:45 p.m. By 2:00 p.m., the entire shadow cast over the outdoor learning area would be the same with or without the Project, due to the existing buildings to the west of the outdoor learning area (Exhibit C, page 36).

Therefore, during the winter, the Proposed Project would increase shading on the playground in the morning to the extent that about half of the playground would be shaded around 9:00 a.m., whereas it is largely sunny under existing conditions at that time; shadows would increase throughout the morning due to the Proposed Project, whereas the playground is sunny during the middle of the day under existing conditions; and from 2:00 p.m. onward, the playground would be almost completely shaded, whereas it is



34 Corte Madera Avenue
Mill Valley, CA 94941

partially shaded under existing conditions until about 4:00 p.m. On December 20, the largest shadow cast by the Proposed Project on the playground would occur at 2:15 p.m., covering approximately 10,826 square feet, or approximately 74 percent of the overall playground surface area. In addition, the outdoor learning area, which is partially to completely sunny from about 11:00 a.m. to after 1:00 p.m. under existing conditions, would experience increased shading along its southern portion around 1:00 p.m.

As described above, the playground is used throughout the day, from 8:15 a.m. when the playground opens until 6:00 p.m., when the After School Program ends. The playground is used during recess and lunch periods (generally from 10:15 a.m. through 1:00 p.m.) as well as during physical education classes and the After School Program. The outdoor learning area is typically in use from 9:00 a.m. through 5:00 p.m.

As the season transitions from winter to summer, the Proposed Project would cast substantially less shadow on both the playground and the outdoor learning area, so that by summer minimal shadow would be cast on the playground by the Proposed Project, and no shadow from the Proposed Project would be cast on the outdoor learning area.

In summer (i.e., June 21), the Proposed Project would not cast any shadow on the playground from sunrise until approximately 10:00 a.m. (Exhibit C, pages 2 through 6). Starting at 10:00 a.m., the Project would cast minimal net new shadow on the playground's southern boundary in the morning, including a very small southern section of the soccer field, but not the court areas (Exhibit C, page 6). The minimal net new shadow would continue along the southern boundary throughout the day; by 5:00 p.m., the Proposed Project would not cast any net new shadow on the playground (Exhibit C, pages 7 through 13). Shadows cast on the playground after 5:00 p.m. would be due entirely to existing buildings (Exhibit C, pages 14 through 16). The Project would not cast shadows on the outdoor learning area during this time of the year. On June 21, the largest shadow cast by the Proposed Project on the playground would occur at 1:15 p.m., covering approximately 1,095 square feet, or approximately 7 percent of the overall playground surface area.

Therefore, in summer, from 8:00 a.m. through approximately 4:00 p.m., the playground would remain largely sunny, similar to existing conditions, with a minor amount of shading along its southern edge due to the Proposed Project. Similar to existing conditions, from 4:00 p.m. through 6:00 p.m., the shadows from existing buildings would begin to cover the playground until 7:00 p.m., when the playground would be largely shaded. In summer, school is in session until mid-July. There is a month-long break until mid-August, during which time there has in the past been a Summer Program that includes activities in the playground from 8:15 a.m. through 3:15 p.m.

As the season transitions from summer to autumn, the playground would experience more net new shadow from the Proposed Project throughout the day. However, the Proposed Project would not cast net new shadow on the outdoor learning area during the summer or autumn.

During autumn (i.e., September 20), the playground would experience a small amount of net new shadow due to the Proposed Project—generally along its southern portion, in the southern area of the soccer field, and in portions of the four-square patterns. Starting at 8:00 a.m., the Proposed Project would start casting a minimal shadow on the playground (Exhibit C, page 18). The net new shadow caused by the Proposed Project would somewhat increase throughout the day along the southern portion of the playground, peaking at approximately 4:15 p.m. (Exhibit C, pages 19 through 25). At that time, the net new shadow would move east, but the southern portion of the playground would continue to be shadowed due to existing buildings to the west. By late afternoon at 6:00 p.m., a small portion of the playground along the southern boundary would be shadowed by net new shadow from the Proposed Project (Exhibit C, page 28); the rest of the playground would be shadowed due to existing buildings to the west. The Project would not cast shadows on the outdoor learning area during this time of the year. On September 20, the largest shadow cast by the Proposed Project on the playground would occur at 4:15 p.m., covering approximately 4,524 square feet, or approximately 31 percent of the overall playground surface area.



34 Corte Madera Avenue
Mill Valley, CA 94941

Therefore, in autumn, the playground would be largely sunny by approximately 9:00 a.m.; and would remain sunny until approximately 3:00 p.m., with some increased shading along its southern boundary due to the Proposed Project. From 3:00 p.m. onward, the shadows from the existing buildings to the west, the temporary trailer on the playground, and the Proposed Project would encroach on the playground. By 6:00 p.m., the playground would be almost entirely shaded by the existing buildings to the west—similar to existing conditions. As described above, the playground and outdoor learning area are generally used throughout the day.

As the season transitions from autumn to winter, the playground would experience more net new shadow from the Proposed Project throughout the day. The outdoor learning area would begin to experience some net new shadow during the early afternoon.

Impacts on Maximum Shadow Day

The maximum net new shadow on the school playground from the Project would occur on December 20. On December 20, the Proposed Project would cast net new shadow on the playground from approximately 8:30 a.m. through 3:54 p.m. On that day, the new shadow load on the playground would be 66,622 sfh over the course of the day. The largest net new shadow by area would also occur on December 20 at 2:15 p.m. At that time, on that day, the largest new shadow cast by the Proposed Project would be 10,826 square feet in size. A graphical depiction is provided below in Figure 2.

The maximum net new shadow from the Project on the outdoor learning area would also occur on December 20. On December 20, the Proposed Project would cast net new shadow on the outdoor learning area from approximately 12:15 p.m. through 2:00 p.m. On that day, the shadow load on the outdoor learning area would be 467 sfh over the course of the day. The largest net new shadow by area would also occur on December 20 at 12:45 p.m. At that time, on that day, the largest new shadow cast by the Proposed Project would be 459 square feet in size. A graphical depiction is provided below in Figure 3.

16th Street Mission BART Station Northeast Plaza (Area A)

Existing Shadow

As shown in Table 2, the TAAS for the northeast BART Plaza at the 16th Street Mission BART Station (Area A) is approximately 21,663,099 sfh. Under existing conditions, the northeast BART Plaza is shaded 24.14 percent of the time, and has an existing shadow load of 5,229,783 sfh. The existing shadow on the northeast BART Plaza is being caused by the existing three- to five-story buildings to the south of the plaza, across 16th Street; and by the existing buildings of one story or one story plus-mezzanine east of the northeast BART Plaza, on the Project site.

Table 2. Shadow Load on 16th Street BART Station – Northeast Plaza (Area A)				
	Available Sunlight	Existing Shadow Load	Net New Shadow Load from Project	Total Shadow Load with Project
Square-foot-hours	21,663,099	5,229,783	1,685,083	6,914,865
Percent	100	24.14	7.78	31.92

Note: Square-foot-hours rounded to the nearest whole number.

During the winter (i.e., December 20), the northeast BART Plaza is fully shaded by the existing buildings to the south, across 16th Street, and by the current structure on the corner of Capp and 16th streets, until approximately 9:00 a.m. (Exhibit C, pages 30 and 31). The existing shadow decreases after 9:00 a.m., and by 11:00 a.m., a majority of the northeast BART Plaza area is in the sun and remains sunny until 4:00 p.m. (sunset minus 1 hour) (Exhibit C, pages 31 through 39). By 4:00 p.m., shadow from existing buildings to the southwest, across Mission Street from the Project site, begin to cover the plaza.

As the season transitions from winter to summer, the northeast BART Plaza experiences less shadow from existing buildings throughout the day.



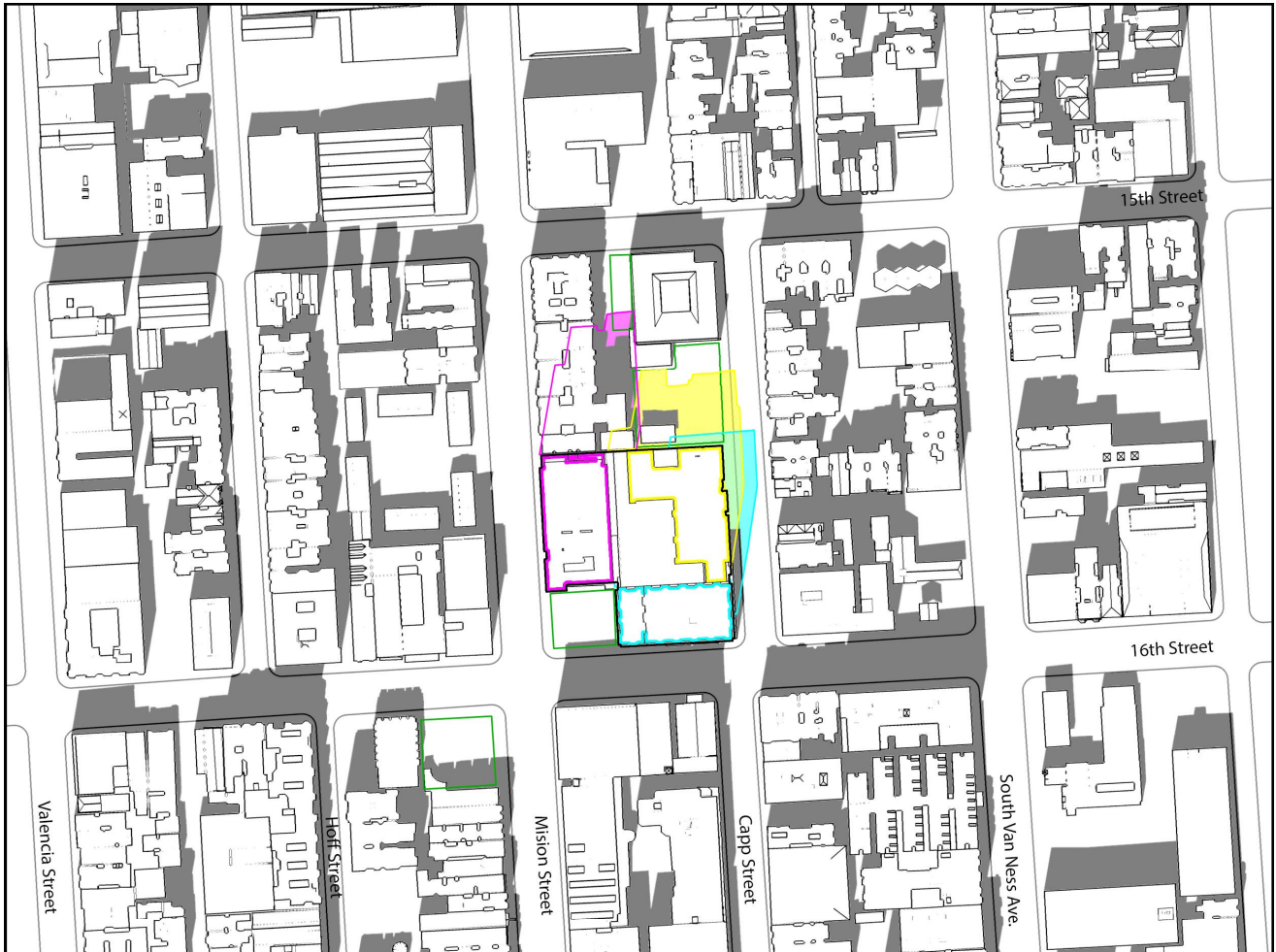
34 Corte Madera Avenue
Mill Valley, CA 94941



Figure 2. Largest net new shadow by project components on Marshall Elementary School Playground.



34 Corte Madera Avenue
Mill Valley, CA 94941



1979 Mission Street
December 20 12:45 pm

- Mission Street Building
- Capp Street Building
- Sixteenth Street Building
- Mission Street Building New Shadows
- Capp Street Building New Shadows
- Sixteenth Street Building New Shadows
- Mission and Capp Street Buildings New Combined Shadows
- Capp and Sixteenth Street Buildings New Combined Shadows
- Sixteenth and Mission Street Buildings New Copmbined Shadows
- Existing Shadows



Figure 3. Largest net new shadow by Project components on Marshall Elementary School Outdoor Learning Area.



34 Corte Madera Avenue
Mill Valley, CA 94941

In summer (i.e., June 21) at 7:00 a.m., the northeast BART Plaza is fully shaded by an existing three-story building at 2001 – 2007 Mission Street (Assessors Block 3570, Lot 28) to the east of the Project site (Exhibit C, page 3). The existing shadow decreases until around 10:00 a.m., when the plaza is largely sunny (Exhibit C, page 6). By 1:00 p.m., the entire plaza is in the sun (Exhibit C, page 9). Shadows from the four-story building on the corner at 3000 16th Street (Assessors Block 3554, Lot 007) and the two story building to the northwest of the Plaza at 1968 – 1984 Mission Street (Lot 006), directly across Mission Street from the Project site, start to shade the northeast BART Plaza around 6:00 p.m., and by 8:00 p.m. (sunset minus 1 hour), most of the plaza is in the shade (Exhibit C, pages 14 through 16).

As the season transitions from summer to autumn, the northeast BART Plaza experiences more shadow from existing buildings throughout the day.

In autumn (i.e., September 20) at 8:00 a.m., a majority of the plaza is shaded due to the existing two-story buildings on the Project site, and to those that border the northern and eastern boundaries of the northeast BART Plaza (Exhibit C, page 18). Throughout the morning, the shadow decreases, and by 12:00 p.m. the majority of the plaza is in the sun (Exhibit C, page 22). Shadows from existing buildings to the west, across Mission Street from the Project site, start to shade the plaza around 5:00 p.m., and by 6:00 p.m. a majority of the northeast BART Plaza is shadowed (Exhibit C, pages 27 and 28).

As the season transitions from autumn to winter, the northeast BART Plaza experiences more shadow from existing buildings throughout the day.

Proposed Project Shadow

The Proposed Project would reduce the annual available sunlight on the northeast BART Plaza at the 16th Street Mission BART Station by 7.78 percent (as a percentage of TAAS). This is a 1,685,083-sfh reduction of sunlight, resulting in a total shadow load on the station's plaza of 6,914,865 sfh. The Proposed Project would result in a total shadow load on the station's plaza of 31.92 percent. These findings are presented in Table 2.

During the winter (i.e., December 20), the northeast BART Plaza would only experience a small square footage of net new shadow from the Proposed Project from 9:45 a.m. through 12:00 p.m. On December 20, the largest shadow cast by the Proposed Project on the northeast BART Plaza would occur at 11:30 a.m., covering approximately 135 square feet, or approximately 2 percent of the overall northeast BART Plaza area. The rest of the day the northeast BART Plaza would not experience any net new shadow from the Proposed Project (Exhibit C, pages 30 through 38). Therefore, during the winter, the northeast BART Plaza would be largely shaded in the morning until around 11:00 a.m., and would remain sunny until around 4:00 p.m., as described for existing conditions above.

As the season transitions from winter to summer, the northeast BART Plaza would experience more net new shadow over time from the Proposed Project, starting in the late morning and lasting until the early afternoon. In addition, a minor amount of net new shadow would begin to be cast on the plaza by the Proposed Project in the evening as the season transitions to summer.

During the summer (i.e., June 21), net new shadows from the Proposed Project would reach their maximum coverage of the year. The shadows would start to encroach on the western portion of the northeast BART Plaza adjacent to Mission Street around 7:30 a.m. (Exhibit C, page 4). Project shadow would shade the Plaza area not already in shadow from the existing building directly east of the transit stop from 7:30 a.m. to 9:00 a.m. The Project net new shadow would then start to recede eastward, and the Plaza would be in sunlight at 1:00 p.m. All net new shadows from the Project would be gone and the entire northeast BART Plaza would be sunny from 1:00 p.m. until approximately 6:00 p.m. (Exhibit C, page 9 through 14). After 6:00 p.m., a minor amount of shadow would be cast on the plaza by the Proposed Project (Exhibit C, pages 14 through 16).

Therefore, in summer, the northeast BART Plaza—which under existing conditions is shadowed in the mornings during the summer until approximately 10:00 a.m., and remains sunny for the majority of the day until around 6:00 p.m.—would experience the highest Project net new shadow during the summer morning hour from 9:00 a.m. to 10:00 a.m. On June 21, the largest shadow cast by the Proposed Project on the northeast BART Plaza would occur at 9:15 a.m., covering approximately 3,726 square feet, or approximately 64 percent of the overall northeast BART Plaza area. The Project shadow would recede rapidly between



34 Corte Madera Avenue
Mill Valley, CA 94941

11:00 a.m. and 12:00 p.m. The northeast BART Plaza is used throughout the day. In addition, peak use of the plaza occurs during weekday late mornings/early afternoons (11:00 a.m. through 2:00 p.m.). Peaks in use of the transit stops adjacent to the BART plaza occur during weekday morning hours (8:00 a.m. through 12:00 p.m.) and weekend mid-day (11:00 a.m. through 2:00 p.m.).

As the season transitions from summer to autumn, net new project shadow on the northeast BART Plaza would decrease over time in the early morning but remains relatively constant in the late morning. The minor amount of shadow cast on the Plaza by the Proposed Project in the evening would disappear by late summer.

In autumn (i.e., September 20), starting around 9:00 a.m., net new shadows due to the Proposed Project would fall on the northwestern portion of the northeast BART Plaza, and move to the northeastern portion of the plaza by 11:00 a.m. (Exhibit C, pages 19 through 21). Net new shadows from the Proposed Project would diminish after this time, shading the northeast BART Plaza until 12:45 p.m., at which point no further net new shadow would occur due to the Proposed Project (Exhibit C, pages 22 through 29).

Therefore, in autumn, the northeast BART Plaza would have increased shading in the morning with the Proposed Project, and by 12:00 p.m., the majority of the plaza would be in the sun—similar to existing conditions. On September 20, the largest shadow cast by the Proposed Project on the northeast BART Plaza would occur at 9:45 a.m., covering approximately 1,677 square feet, or approximately 29 percent of the overall northeast BART Plaza area.

The plaza would remain sunny until 5:00 p.m., also similar to existing conditions. As described above, with the increased morning-hour shading in the autumn, peak use of the plaza occurs during weekday late mornings/early afternoons (11:00 a.m. through 2:00 p.m.). Peaks in use of the transit stops adjacent to the BART plaza occur during weekday morning hours (8:00 a.m. through 12:00 p.m.) and weekend mid-day hours (11:00 a.m. through 2:00 p.m.).

As the season transitions from autumn to winter, the northeast BART Plaza would experience less net new shadow from the Proposed Project in the morning. No net new shadows would be cast by the Proposed Project on the northeast BART Plaza by approximately mid-day in either autumn or winter.

Impacts on Maximum Shadow Day

The maximum net new Project shadow at the northeast BART Plaza would occur on June 28. On that day, the northeast BART Plaza would be shadowed during the early morning and late evening. The new shadow load on the northeast BART Plaza due to the Project would be 12,046 sfh. The largest net new shadow by area would occur on June 28 at 9:45 a.m. At that time, on that day, the area of new shadow cast by the Proposed Project on the northeast BART Plaza would occupy most of the plaza, and would be approximately 3,981 square feet. A graphical depiction for June 28 at 9:45 a.m. is provided below in Figure 4.

On June 28, the Project's net new shadow would fall on the northeast BART Plaza during the morning hours, and would overlap with the weekday peak use of the plaza and use of its formal seating (8:00 a.m. through 1:00 p.m.). Net new shadow from the Proposed Project would shadow the sidewalk area along Mission Street and the Mission Street transit stop adjacent to the plaza. This timeframe for net new shadow would overlap with the peak weekday use of the transit stop during the morning hours (i.e., 8:00 a.m. through 12:00 p.m.).

16th Street Mission BART Station Southwest Plaza (Area B)

Existing Shadow

The TAAS for the southwest BART Plaza at the 16th Street Mission BART Station is 32,295,798 sfh. Under existing conditions, the southwest BART Plaza is shaded 31.99 percent of the time, and has an existing shadow load of 10,330,082 sfh. The existing shadow on the southwest BART Plaza is caused by the existing buildings to the south.



34 Corte Madera Avenue
Mill Valley, CA 94941

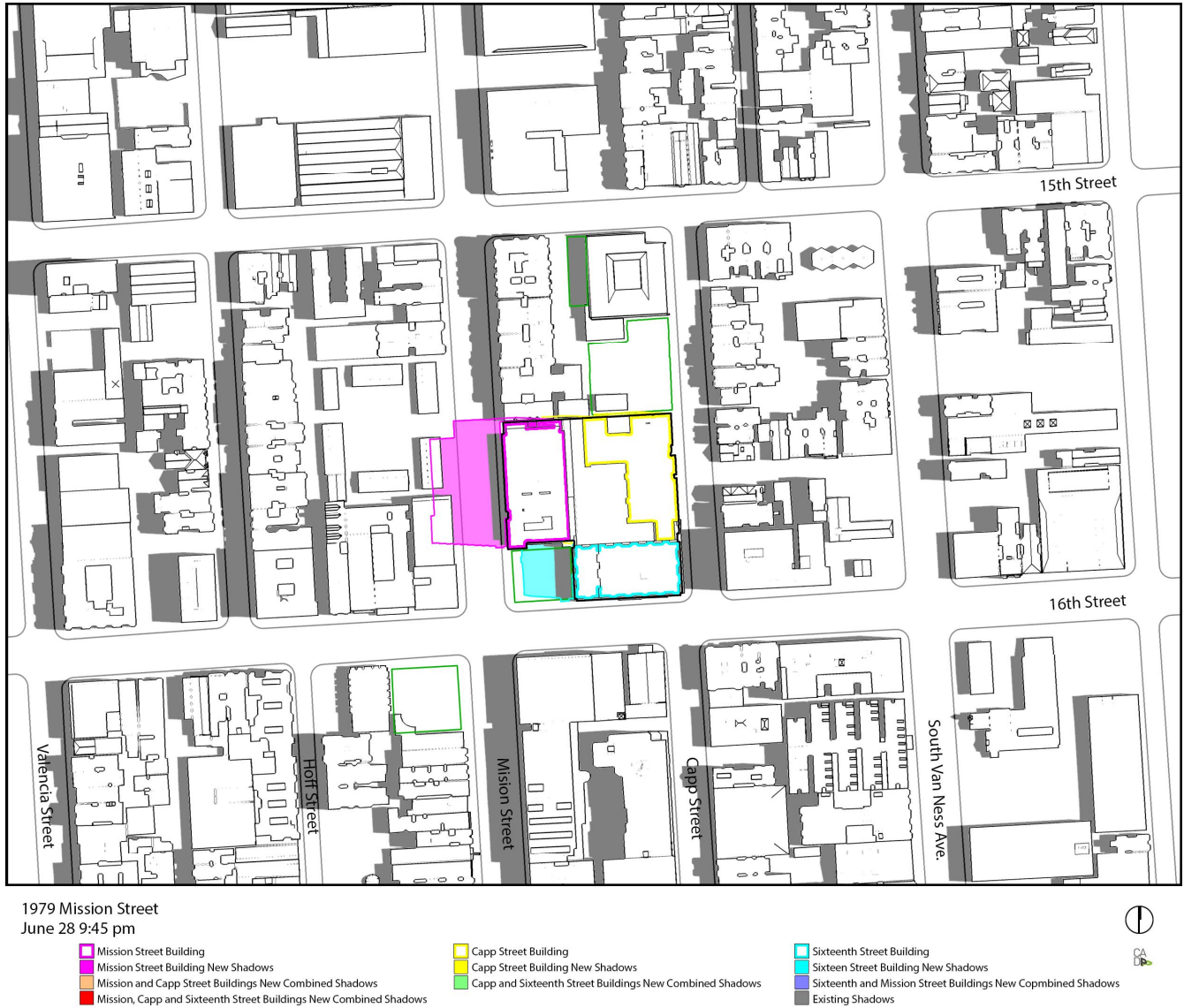


Figure 4. Largest net new shadow by project components on the northeast BART Plaza (Area A).



34 Corte Madera Avenue
Mill Valley, CA 94941

During the winter (i.e., December 20) at 8:00 a.m. (sunrise plus 1 hour), the entire southwest BART Plaza is in the shade due to shadow from existing buildings (2161 16th Street and 2973 16th Street) (Exhibit C, page 30). The existing shadow decreases throughout the morning, but the southern half of the plaza remains mostly shaded by the existing buildings to the south and west until around 3:00 p.m., when the majority of plaza becomes shaded (Exhibit C, pages 31 through 37).

As the season transitions from winter to summer, the southwest BART Plaza experiences decreased shadows from existing buildings throughout the day.

During the summer (i.e., June 21) from 6:00 a.m. (sunrise plus 1 hour) to approximately 9:00 a.m., the southwest BART Plaza is partially shaded by existing buildings to the east (Exhibit C, pages 2 through 5). By 9:00 a.m., the entire plaza is in the sun. Minimal shadows from buildings to the west begin to shade the plaza starting around 3:00 p.m. (Exhibit C, page 11). By 7:00 p.m., majority of the western portion of the plaza is shaded, and it is almost entirely shaded by existing buildings by 8:00 p.m. (Exhibit C, pages 15 and 16).

As the season transitions from summer to autumn, the southwest BART Plaza experiences increased shadows from existing buildings throughout the day.

In autumn (i.e., September 20) at 8:00 a.m., the plaza is entirely in shade due to the existing buildings (Exhibit C, page 18). By 10:00 a.m. the plaza is entirely sunny, with the exception of a small portion of the southern end of the plaza, which is shaded by existing buildings to the south (Exhibit C, pages 19 and 20). Shadows from the buildings to the west start to encroach on the plaza around 2:00 p.m. (Exhibit C, page 24). By 5:00 p.m., the plaza is approximately half shaded; by 6:00 p.m., the plaza is fully shaded (Exhibit C, pages 27 and 28).

As the season transitions from autumn to winter, the southwest BART Plaza experiences increased shadows from existing buildings throughout the day.

Proposed Project Shadow

The Proposed Project would reduce the annual available sunlight on the southwest BART Plaza at the 16th Street Mission BART Station by 0.19 percent. This is a 62,330-sfh reduction of sunlight, resulting in a total shadow load on the southwest BART Plaza of 10,392,412 sfh. The Proposed Project would result in a total shadow load on the southwest BART Plaza of 32.18 percent. These findings are presented in Table 3.

Table 3. Shadow on 16th Street BART Station – Southwest Plaza (Area B)				
	Available Sunlight	Existing Shadow Load	Net New Shadow Load from Project	Total Shadow Load with Project
Square-foot-hours	32,295,798	10,330,082	62,330	10,392,412
Percent	100	31.99	0.19	32.18

Note: Square-foot-hours rounded to the nearest whole number.

During the winter (i.e., December 20), the southwest BART Plaza would not experience any net new shadows from the Proposed Project as the shadows remain to the north of the Plaza throughout the winter day (Exhibit C, pages 30 through 38). Therefore, as under existing conditions, during the winter the plaza would be entirely shadowed until around 8:00 a.m.; the plaza would be partially shadowed by existing buildings along its southern and western portion throughout the day until around 3:00 p.m.; and a majority of plaza would be shadowed by existing buildings after 3:00 p.m.

As the season transitions from winter to summer, the southwest BART Plaza would begin to experience net new shadow from the Proposed Project for a brief time period early in the morning.



34 Corte Madera Avenue
Mill Valley, CA 94941

During the summer (i.e., June 21), the southwest BART Plaza would experience shadows from the Proposed Project in the early morning. Between approximately 6:00 a.m. and 7:00 a.m., the Proposed Project would shadow the northern portion of the plaza (Exhibit C, pages 2 and 3). By 7:15 a.m., there would be no net new shadow from the Project on the southwest BART Plaza (Exhibit C, page 4). Therefore, with the Proposed Project, the southwest BART Plaza would experience increased shading in the early mornings, but would be entirely sunny by 9:00 a.m., similar to existing conditions; it would also continue to remain sunny for the majority of the day until around 7:00 p.m., when it would be largely shaded by shadows from existing buildings, similar to existing conditions. On June 21, the largest shadow cast by the Proposed Project on the southwest BART Plaza would occur at 6:46 a.m., covering approximately 3,810 square feet, or approximately 44 percent of the overall southwest BART Plaza area.

As the season transitions from summer to autumn, the southwest BART Plaza would no longer experience net new shadow from the Proposed Project in the early morning.

In autumn (i.e., September 20), the southwest BART Plaza would not experience any net new shadow from the Proposed Project (Exhibit C, pages 17 through 29). Therefore, as under existing conditions, the plaza would be entirely sunny by 10:00 a.m. during the autumn; would have minor shading along the western and southern portion of the plaza due to existing buildings beginning around 2:00 p.m.; and would be fully shaded by 6:00 p.m. due to shadows from existing buildings. There would be no change in the amount of shadow on the southwest BART plaza due to the Proposed Project at this time of year.

During both autumn and winter, the southwest BART Plaza would experience no net new shadow from the Proposed Project.

Impacts on Maximum Shadow Day

The largest net new shadow or maximum shadow day on the southwest BART Plaza as a result of the Proposed Project would occur on June 21. On that day, the new shadow load on the southwest BART Plaza as a result of the Project would be 1,496 sfh. The largest new shadow by area would also occur on June 21 during the hour after sunrise—and specifically at 6:46 a.m. At that time, on that day, the net new shadow cast by the Proposed Project would be 3,810 square feet. The net new shadow would recede from the plaza over a period of approximately 45 minutes, so that there would be no shadow from the Proposed Project on the plaza after 7:29 a.m. A graphical depiction of the shadow cast over the southwest BART Plaza 1 hour after sunrise is provided below in Figure 5.

On June 21, the Project's net new shadow would fall on the southwest BART Plaza during the morning hours, and would potentially overlap with the early part of the weekday peak use at the 16th Street transit stop adjacent to the plaza.



34 Corte Madera Avenue
Mill Valley, CA 94941



1979 Mission Street
June 21 Sunrise +1 Hour (6:47 am)

- | | | |
|---|--|--|
| Mission Street Building | Capp Street Building | Sixteenth Street Building |
| Mission Street Building New Shadows | Capp Street Building New Shadows | Sixteenth Street Building New Shadows |
| Mission and Capp Street Buildings New Combined Shadows | Capp and Sixteenth Street Buildings New Combined Shadows | Sixteenth and Mission Street Buildings New Copmbined Shadows |
| Mission, Capp and Sixteenth Street Buildings New Combined Shadows | | Existing Shadows |



Figure 5. Largest net new shadow by project components on the southwest BART Plaza (Area B)



34 Corte Madera Avenue
Mill Valley, CA 94941

* * * * *

Please direct questions regarding this report directly to Adam Noble.

Regards,

Adam Noble
President

Enclosures:

- Exhibit A – Marshall Elementary School Schedules
- Exhibit B – Mission Street Public Life Plan Survey Data
- Exhibit C – Shadow Projection Graphics
- Exhibit D – Summaries and Quantitative Results
 - Exhibit D.1A – Marshall Elementary School Playground
 - Exhibit D.1B – Marshall Elementary School Outdoor Learning Area
 - Exhibit D.2 – Northeast BART Plaza (Plaza A)
 - Exhibit D.3 – Southwest BART Plaza (Plaza B)

EXHIBIT A

Marshall Elementary School Schedules

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Marshall Elementary School

Proposed 2014-2015 schedule:

8:15-8:35	Breakfast
8:35-8:40	Intake
8:40-10:15	Instructional Time
10:15-11:15	3 Recess Times
11:30-1:00	3 Lunch/Recess Times
1:00-2:40	Instructional Time
2:40-3:00	Pick-up
2:40-6:00	After School program

Anticipated 2015 Summer Program schedule:

<u>Time</u>	<u>M,T,W,TH</u> <u>Grade pre-k-1</u>	<u>Time</u>	<u>M,T,W,TH</u> <u>Grade 2-3</u>	<u>M,T,W,TH</u> <u>Grade 4-5</u>	<u>Friday</u> <u>Grade K-5</u>
8:00-8:40am	Drop off	8:00-8:40am	Drop off	Drop off	Drop off
8:45-9:00 am	Breakfast	8:45-9:00am	Community Circle	Community Circle	Community Circle
9:05-9:20 am	Community Circle	9:05-9:20am	Breakfast	SPARK	FIELD TRIPS

Source: Marshall Elementary School, 2015. Daily Schedule. Available at: https://marshall-sfusd-ca.school-loop.com/daily_schedule. Accessed October 22, 2015.

<u>Time</u>	<u>Monday</u>	<u>Wednesday</u>		<u>Time</u>	<u>Tuesday</u>	<u>Thursday</u>	<u>Friday</u>
9:25-10:25am	Learning Centers	9:25-9:40am	SPARK	Breakfast		9:25-10:25am	Learning Centers
10:30-10:45am	SPARK	9:45-10:45am	Learning Centers	Learning Centers		10:30-10:45am	SPARK
10:50-11:40am	Creative Arts Workshop	10:50-11:40am	Creative Arts Workshop	Creative Arts Workshop		10:50-11:40am	Creative Arts Workshop
11:45-12:05pm	Lunch pre-k-2 Recreation 3-5	Lunch pre-k-2 Recreation 3-5		11:45-12:05pm	Lunch pre-k-2 Recreation 3-5	Lunch pre-k-2 Recreation 3-5	
12:05-12:25pm	Lunch 3-5 Recreation K-2	Lunch 3-5 Recreation K-2		12:05-12:25pm	Lunch 3-5 Recreation K-2	Lunch 3-5 Recreation K-2	
12:30-12:45pm	Camp Read A Lot!	Camp Read A Lot!		12:30-12:45pm	Camp Read A Lot!	Camp Read A Lot!	
12:50-2:30pm	STEM: Engineering Design Challenges	STEM: Engineering Design Challenges		12:50-1:35 pm	Fun 4 the Brain: Math Games	Fun 4 the Brain: Math Games	
2:30-3:00pm	SPARK and Marshall Chefs 2:30-2:45 – K-2 2:45-3:00 – 3-5	SPARK and Marshall Chefs 2:30-2:45 – K-2 2:45-3:00 – 3-5		1:40-2:10pm	SPARK/Snack 1:40-1:55: – K-2 1:55-2:10 – 3-5	SPARK/Snack 1:40-1:55: – K-2 1:55-2:10 – 3-5	
3:05-3:45pm	Enrichment	Enrichment		2:15-3:30pm	Enrichment	Enrichment	
3:45-4:00pm	Dismissal	Dismissal		3:45-4:00pm	Dismissal	Dismissal	

Source: Marshall Elementary School, 2015. Daily Schedule. Available at: https://marshall-sfusd-ca.schoolloop.com/daily_schedule. Accessed October 22, 2015.

EXHIBIT B

Mission Street Public Life Plan
Survey Data

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Table 1: Weekday BART Plaza

Northeast BART Plaza

	Transit Stop of 16th Street					Transit Stop of Mission Street					Rest of Plaza			
HOUR	PSTN	PSTF	PSTI	TOTAL		PSTN	PSTF	PSTI	TOTAL		PSTN	PSTF	PSTI	TOTAL
8 AM - 9 AM	6	3	2	11		7	2	2	11		8	11	3	22
9 AM - 10 AM	15	1	2	18		4	4	2	10		9	19	1	29
10 AM - 11 AM	10	3	0	13		0	0	0	0		3	16	3	22
11 AM - 12 AM	22	4	1	27		13	5	0	18		9	10	17	36
12 AM - 1 PM	0	0	0	0		4	0	0	4		10	13	19	42
1 PM - 2 PM	1	1	1	3		5	0	0	5		10	8	22	40
2 PM - 3 PM	0	0	1	1		6	0	0	6		0	6	11	17
3 PM - 4 PM	0	0	1	1		9	1	0	10		13	9	9	31
4 PM - 5 PM	0	0	0	0		30	3	0	33		9	9	18	36
Grand Total	54	12	8	74		78	15	4	97		71	101	103	275

Southwest BART Plaza

	Transit Stop of 16th Street					Transit Stop of Mission Street					Rest of Plaza			
HOUR	PSTN	PSTF	PSTI	TOTAL		PSTN	PSTF	PSTI	TOTAL		PSTN	PSTF	PSTI	TOTAL
8 AM - 9 AM	27	8	2	37		16	5	2	23		9	27	4	40
9 AM - 10 AM	29	5	2	36		13	7	2	22		10	33	1	44
10 AM - 11 AM	22	7	0	29		18	2	0	20		3	28	5	36
11 AM - 12 AM	25	8	1	34		18	7	0	25		16	19	20	55
12 AM - 1 PM	9	1	0	10		18	4	0	22		15	25	19	59
1 PM - 2 PM	13	1	1	15		18	3	0	21		10	9	23	42
2 PM - 3 PM	0	0	1	1		24	2	0	26		5	11	12	28
3 PM - 4 PM	0	0	1	1		20	2	0	22		25	16	10	51
4 PM - 5 PM	0	0	0	0		46	4	0	50		18	13	20	51
Grand Total	125	30	8	163		191	36	4	231		111	181	114	406

Notes:

PSTN Standing

PSTF Sitting Formal – in actual seating

PSTI Sitting informal – i.e. could be leaning on something or on the ground

Source: Dwyer, Debra, 2015. Personal communication to Hannah Young, URS, dated October 19, 2015.

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Table 2: Weekend BART Plaza

Northeast BART Plaza

	Transit Stop of 16th Street					Transit Stop of Mission St					Rest of Plaza			
HOURL	PSTN	PSTF	PSTI	TOTAL		PSTN	PSTF	PSTI	TOTAL		PSTN	PSTF	PSTI	TOTAL
8 AM -9 AM	0	2	0	2		3	1	0	4		11	2	0	13
9 AM -10 AM	5	2	0	7		5	2	0	7		18	9	0	27
10 AM -11 AM	7	2	0	9		7	0	0	7		22	9	0	31
11 AM -12 AM	11	4	0	15		18	3	1	22		11	13	0	24
12 AM - 1 PM	18	2	0	20		5	1	2	8		22	9	0	31
1 PM - 2 PM	13	2	0	15		2	2	0	4		11	15	0	26
2 PM - 3 PM	7	2	0	9		3	3	0	6		4	30	0	34
3 PM - 4 PM	3	2	0	5		9	3	0	12		7	49	0	56
4 PM - 5 PM	14	6	0	20		13	6	0	19		10	50	0	60
Grand Total	78	24	0	102		65	21	3	89		116	186	0	302

Southwest BART Plaza

	Transit Stop of 16th Street					Transit Stop of Mission St					Rest of Plaza			
HOURL	PSTN	PSTF	PSTI	TOTAL		PSTN	PSTF	PSTI	TOTAL		PSTN	PSTF	PSTI	TOTAL
8 AM -9 AM	0	2	2	4		0	0	3	3		6	10	0	16
9 AM -10 AM	0	2	3	5		1	0	7	8		15	12	2	29
10 AM -11 AM	1	1	5	7		0	0	6	6		9	18	6	33
11 AM -12 AM	0	2	12	14		2	1	7	10		10	19	4	33
12 AM - 1 PM	3	2	4	9		1	2	12	15		5	14	15	34
1 PM - 2 PM	1	0	3	4		3	3	15	21		8	9	10	27
2 PM - 3 PM	0	1	2	3		0	3	9	12		2	19	4	25
3 PM - 4 PM	-	-	-	-		-	-	-	-		-	-	-	-
4 PM - 5 PM	-	-	-	-		-	-	-	-		-	-	-	-
Grand Total	5	10	31	46		7	9	59	75		55	101	41	197

Notes:

- PSTN Standing
- PSTF Sitting Formal – in actual seating
- PSTI Sitting informal – i.e. could be leaning on something or on the ground
- Indicates no data collected

Source: Dwyer, Debra, 2015. Personal communication to Hannah Young, URS, dated October 19, 2015.

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WEEKDAY TOTAL (8AM-5PM): PEOPLE WATCHING

(ONE COLORED CIRCLE REPRESENTS ONE PERSON)



WEEKEND TOTAL (8AM-5PM): PEOPLE WATCHING

(ONE COLORED CIRCLE REPRESENTS ONE PERSON)



WEEKDAY TOTAL (8AM-5PM): SITTING INFORMAL
(ONE COLORED CIRCLE REPRESENTS ONE PERSON)

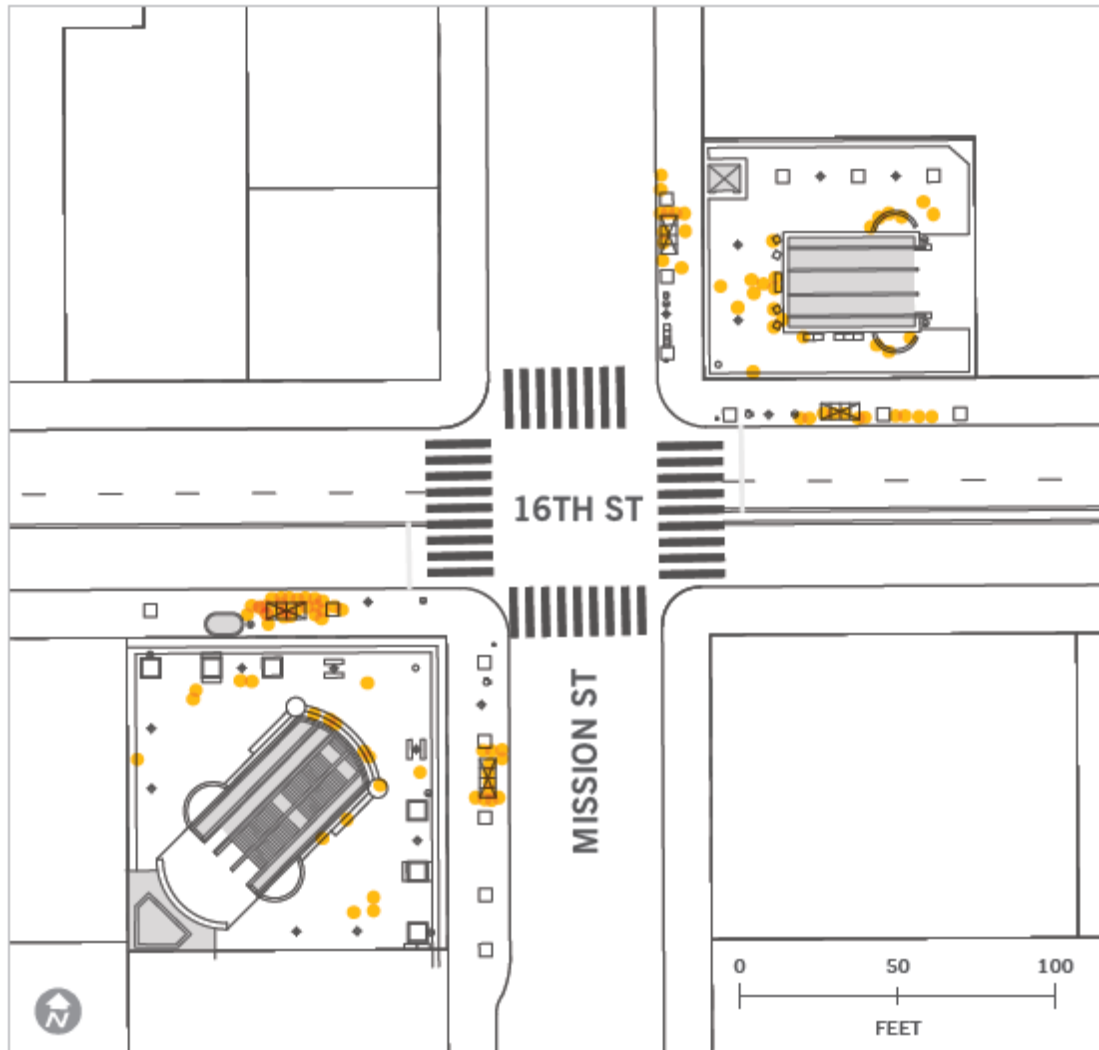


WEEKEND TOTAL (8AM-5PM): SITTING INFORMAL

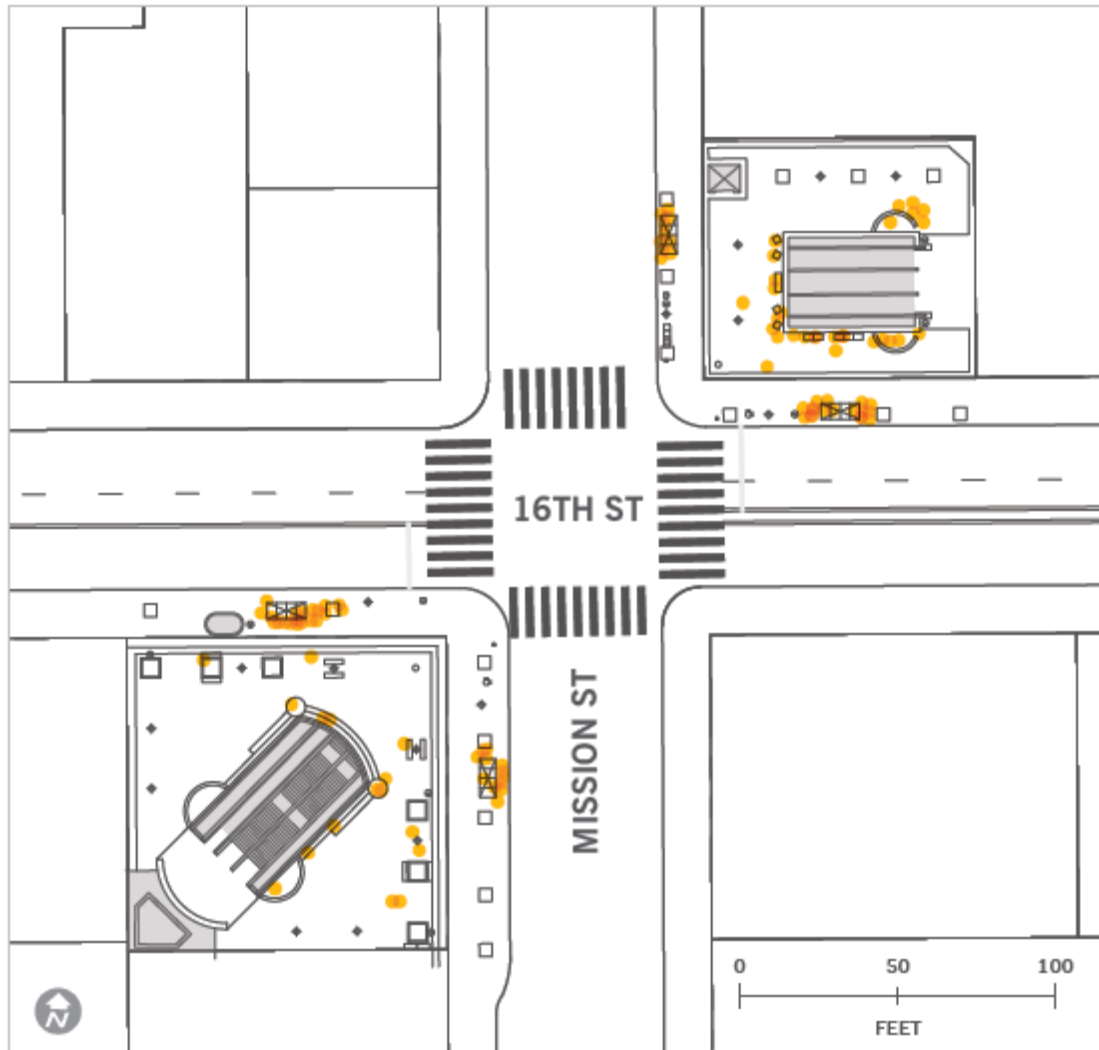
(ONE COLORED CIRCLE REPRESENTS ONE PERSON)



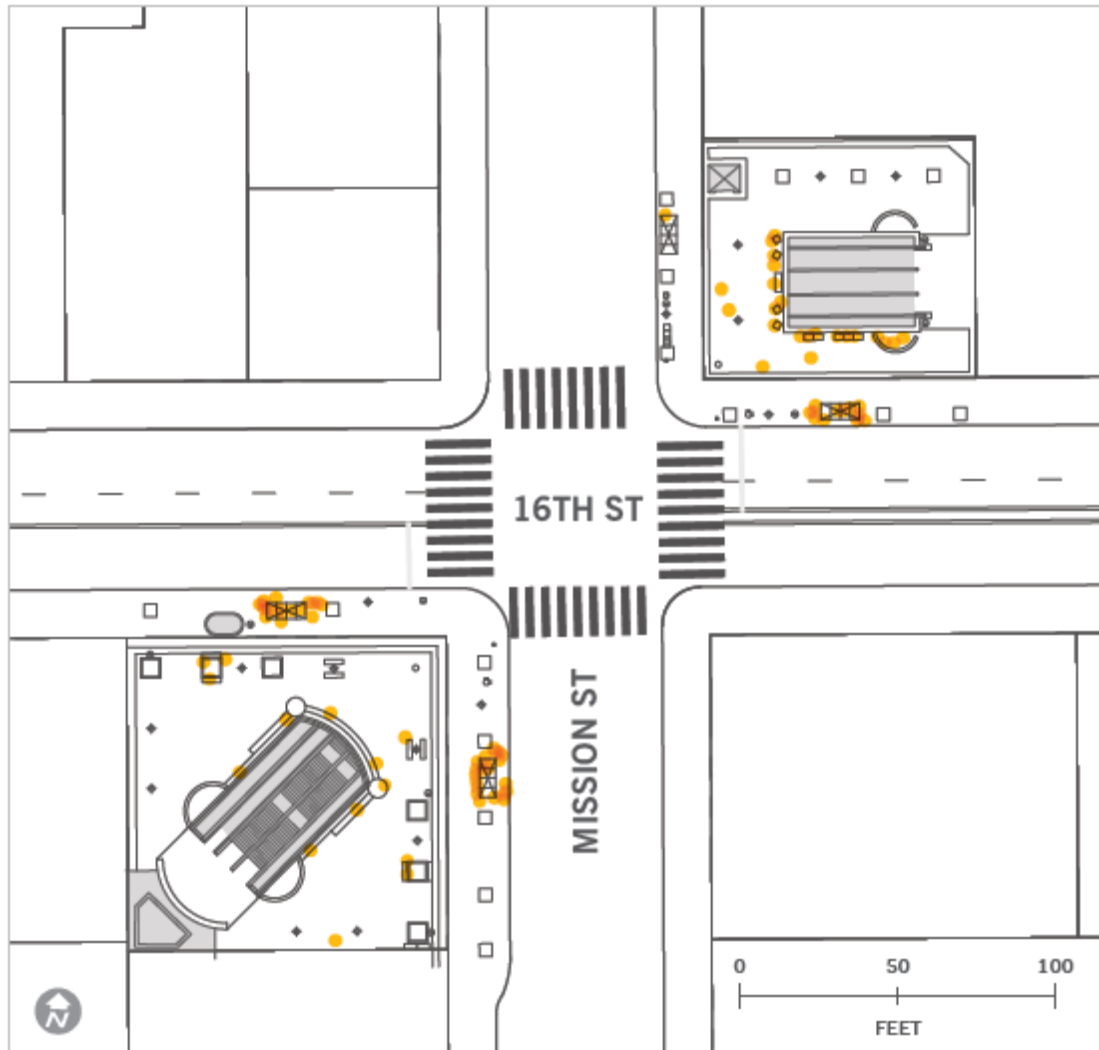
WEEKDAY TOTAL PEOPLE OBSERVED: 8AM
(ONE COLORED CIRCLE REPRESENTS ONE PERSON)



WEEKDAY TOTAL PEOPLE OBSERVED: 9AM
(ONE COLORED CIRCLE REPRESENTS ONE PERSON)



WEEKDAY TOTAL PEOPLE OBSERVED: 10AM
(ONE COLORED CIRCLE REPRESENTS ONE PERSON)

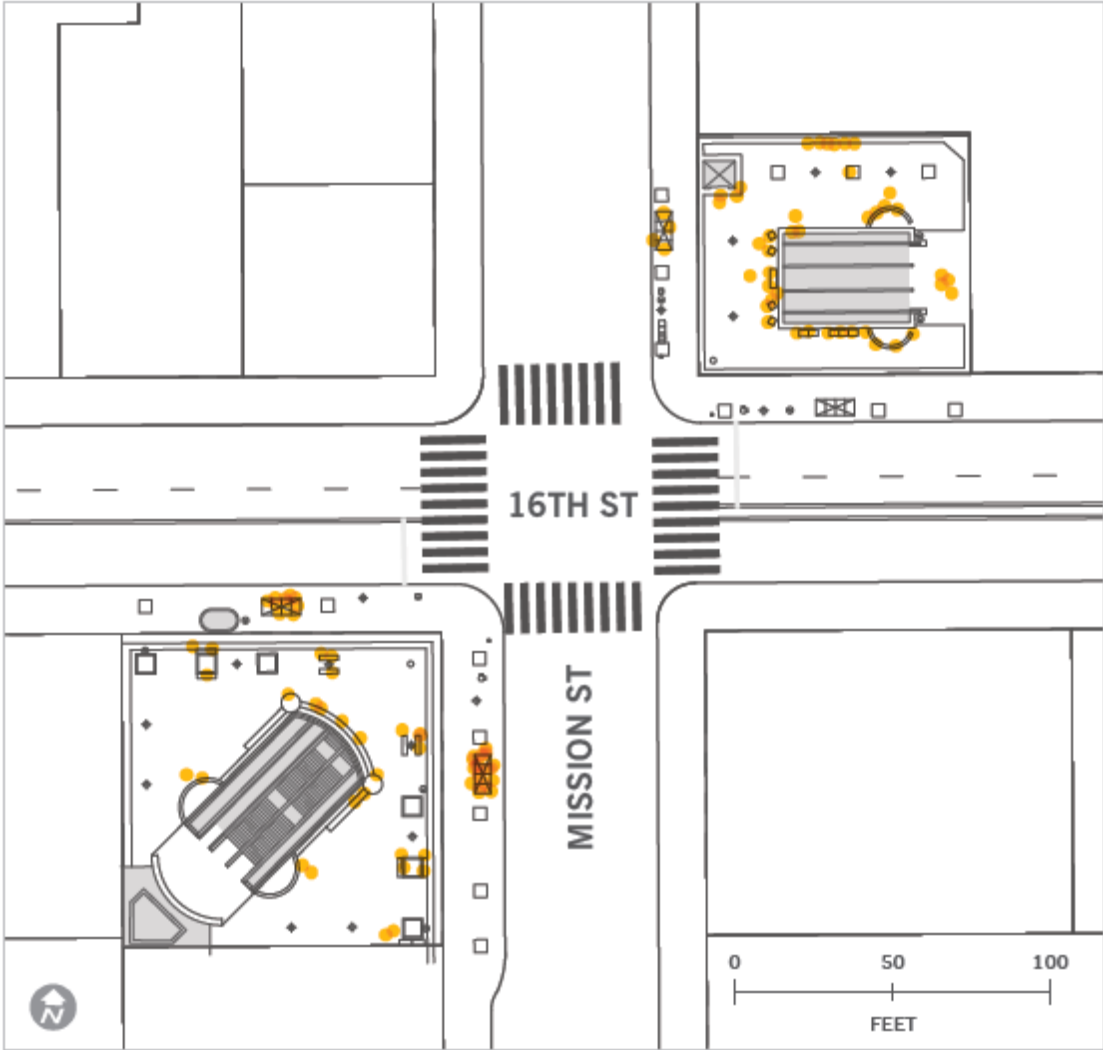


WEEKDAY TOTAL PEOPLE OBSERVED: 11AM

(ONE COLORED CIRCLE REPRESENTS ONE PERSON)



WEEKDAY TOTAL PEOPLE OBSERVED: 12PM
(ONE COLORED CIRCLE REPRESENTS ONE PERSON)

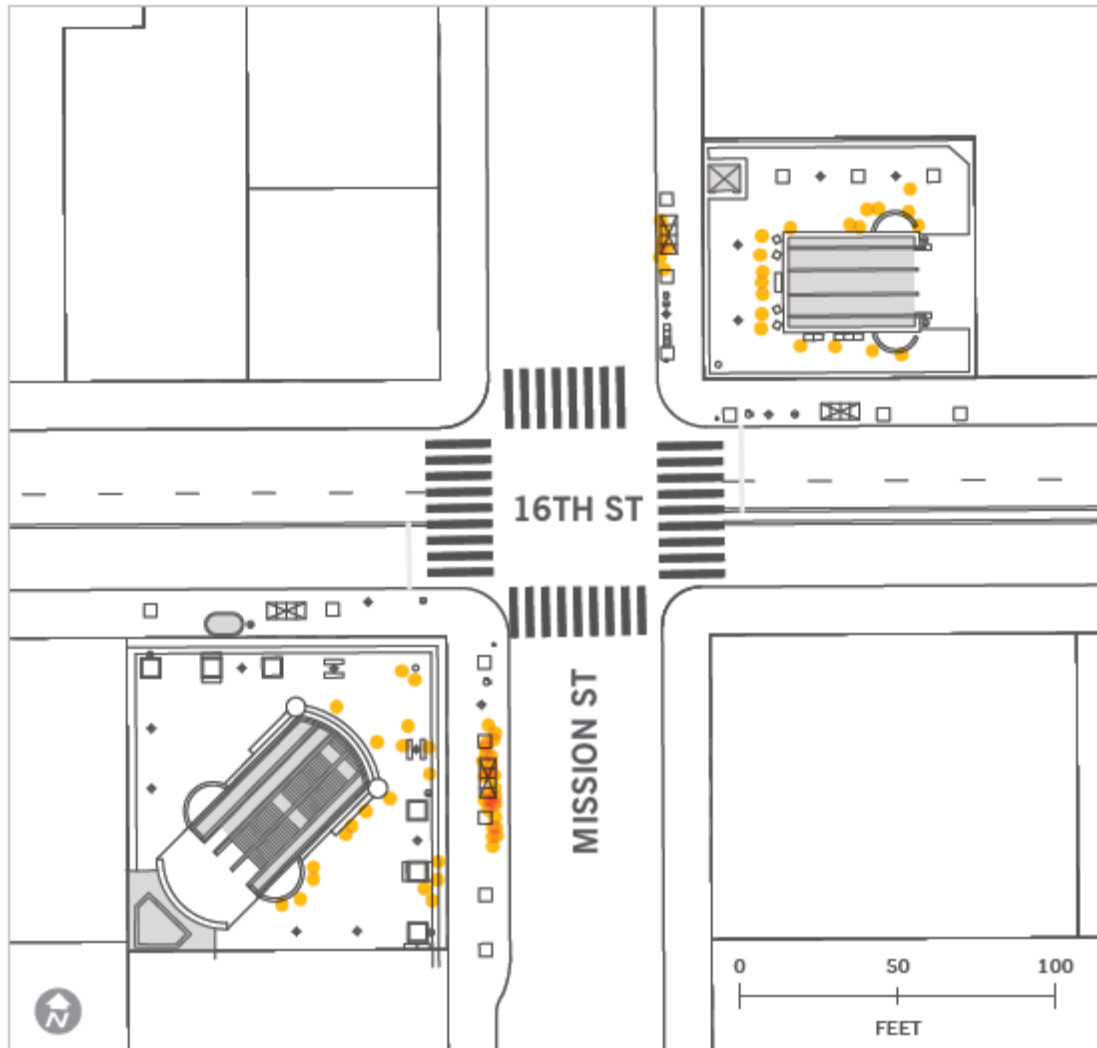


WEEKDAY TOTAL PEOPLE OBSERVED: 1PM

(ONE COLORED CIRCLE REPRESENTS ONE PERSON)



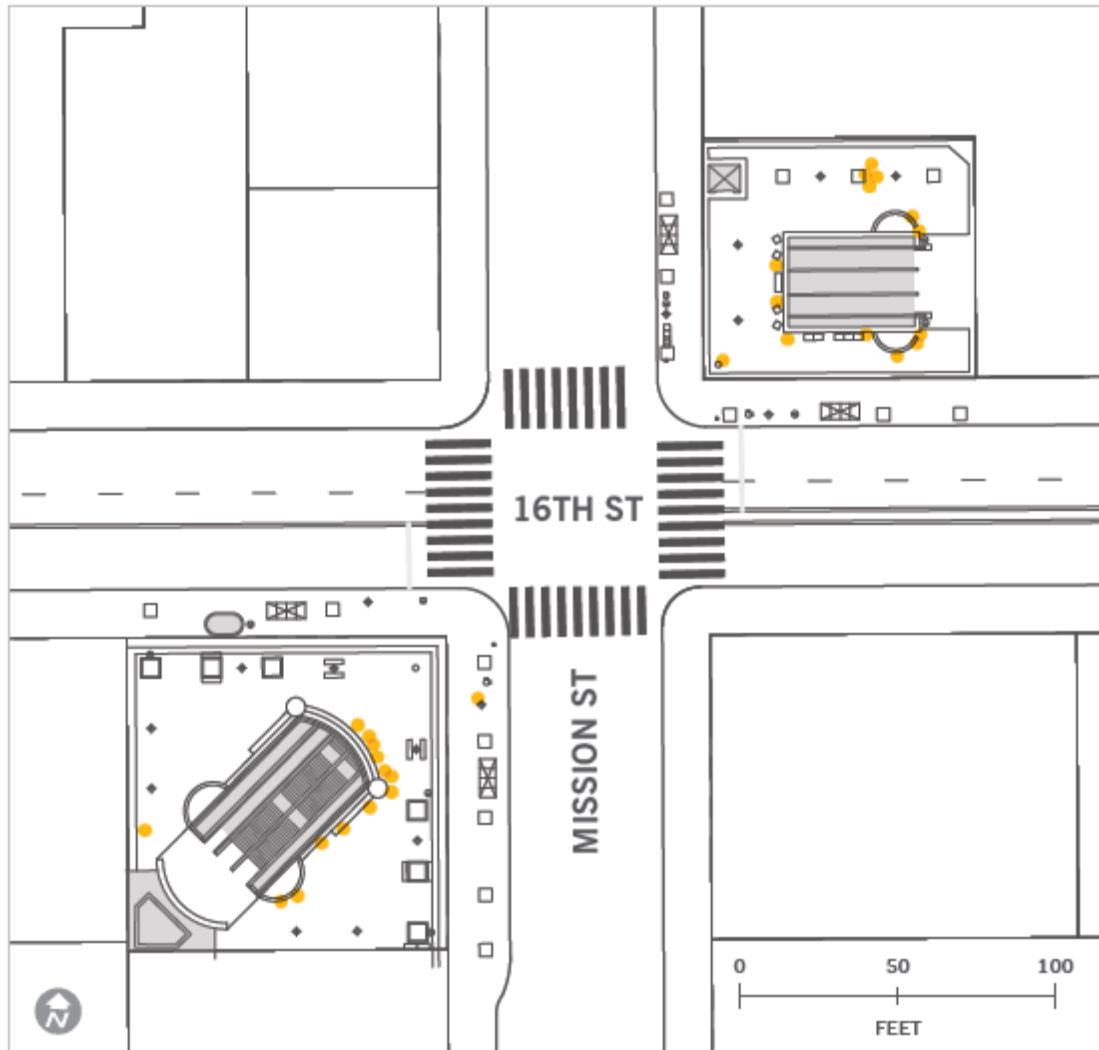
WEEKDAY TOTAL PEOPLE OBSERVED: 2PM
(ONE COLORED CIRCLE REPRESENTS ONE PERSON)



WEEKDAY TOTAL PEOPLE OBSERVED: 3PM
(ONE COLORED CIRCLE REPRESENTS ONE PERSON)



WEEKDAY TOTAL PEOPLE OBSERVED: 4PM
(ONE COLORED CIRCLE REPRESENTS ONE PERSON)



WEEKEND TOTAL PEOPLE OBSERVED: 8AM
(ONE COLORED CIRCLE REPRESENTS ONE PERSON)



WEEKEND TOTAL PEOPLE OBSERVED: 9AM
(ONE COLORED CIRCLE REPRESENTS ONE PERSON)



WEEKEND TOTAL PEOPLE OBSERVED: 10AM
(ONE COLORED CIRCLE REPRESENTS ONE PERSON)



WEEKEND TOTAL PEOPLE OBSERVED: 11AM

(ONE COLORED CIRCLE REPRESENTS ONE PERSON)



WEEKEND TOTAL PEOPLE OBSERVED: 12PM
(ONE COLORED CIRCLE REPRESENTS ONE PERSON)



WEEKEND TOTAL PEOPLE OBSERVED: 1PM

(ONE COLORED CIRCLE REPRESENTS ONE PERSON)



WEEKEND TOTAL PEOPLE OBSERVED: 2PM
(ONE COLORED CIRCLE REPRESENTS ONE PERSON)



WEEKEND TOTAL PEOPLE OBSERVED: 3PM
(ONE COLORED CIRCLE REPRESENTS ONE PERSON)



WEEKEND TOTAL PEOPLE OBSERVED: 4PM
(ONE COLORED CIRCLE REPRESENTS ONE PERSON)



EXHIBIT C

1979 Mission Street
Shadow Projection Graphics



*Not all combinations are not present in every image

1979 Mission Street Shadow Projections Key



1979 Mission Street
June 21 Sunrise +1 Hour (6:47 am)

- | | | |
|--|---|---|
| ■ Mission Street Building | ■ Capp Street Building | ■ Sixteenth Street Building |
| ■ Mission Street Building New Shadows | ■ Capp Street Building New Shadows | ■ Sixteenth Street Building New Shadows |
| ■ Mission and Capp Street Buildings New Combined Shadows | ■ Capp and Sixteenth Street Buildings New Combined Shadows | ■ Sixteenth and Mission Street Buildings New Combined Shadows |
| ■ Mission, Capp and Sixteenth Street Buildings New Combined Shadows | | ■ Existing Shadows |



1979 Mission Street
June 21 7:00 am

- | | | |
|--|---|--|
| ■ Mission Street Building | ■ Capp Street Building | ■ Sixteenth Street Building |
| ■ Mission Street Building New Shadows | ■ Capp Street Building New Shadows | ■ Sixteenth Street Building New Shadows |
| ■ Mission and Capp Street Buildings New Combined Shadows | ■ Capp and Sixteenth Street Buildings New Combined Shadows | ■ Sixteenth and Mission Street Buildings New Copmbined Shadows |
| ■ Mission, Capp and Sixteenth Street Buildings New Combined Shadows | | ■ Existing Shadows |





1979 Mission Street
June 21 8:00 am

- | | | |
|---|--|---|
| Mission Street Building | Capp Street Building | Sixteenth Street Building |
| Mission Street Building New Shadows | Capp Street Building New Shadows | Sixteenth Street Building New Shadows |
| Mission and Capp Street Buildings New Combined Shadows | Capp and Sixteenth Street Buildings New Combined Shadows | Sixteenth and Mission Street Buildings New Copmbined Shadows |
| Mission, Capp and Sixteenth Street Buildings New Combined Shadows | | Existing Shadows |





1979 Mission Street
June 21 9:00 am

- | | | |
|--|---|--|
| ■ Mission Street Building | ■ Capp Street Building | ■ Sixteenth Street Building |
| ■ Mission Street Building New Shadows | ■ Capp Street Building New Shadows | ■ Sixteenth Street Building New Shadows |
| ■ Mission and Capp Street Buildings New Combined Shadows | ■ Capp and Sixteenth Street Buildings New Combined Shadows | ■ Sixteenth and Mission Street Buildings New Copmbined Shadows |
| ■ Mission, Capp and Sixteenth Street Buildings New Combined Shadows | | ■ Existing Shadows |



1979 Mission Street
June 21 10:00 am

- | | | |
|---|--|---|
| Mission Street Building | Capp Street Building | Sixteenth Street Building |
| Mission Street Building New Shadows | Capp Street Building New Shadows | Sixteenth Street Building New Shadows |
| Mission and Capp Street Buildings New Combined Shadows | Capp and Sixteenth Street Buildings New Combined Shadows | Sixteenth and Mission Street Buildings New Copmbined Shadows |
| Mission, Capp and Sixteenth Street Buildings New Combined Shadows | | Existing Shadows |





1979 Mission Street
June 21 11:00 am

- | | | |
|--|--|---|
| Mission Street Building | Capp Street Building | Sixteenth Street Building |
| Mission Street Building New Shadows | Capp Street Building New Shadows | Sixteenth Street Building New Shadows |
| Mission and Capp Street Buildings New Combined Shadows | Capp and Sixteenth Street Buildings New Combined Shadows | Sixteenth and Mission Street Buildings New Copmbined Shadows |
| Mission, Capp and Sixteenth Street Buildings New Combined Shadows | | Existing Shadows |



1979 Mission Street
June 21 12:00 noon

- | | | |
|--|---|--|
| ■ Mission Street Building | ■ Capp Street Building | ■ Sixteenth Street Building |
| ■ Mission Street Building New Shadows | ■ Capp Street Building New Shadows | ■ Sixteenth Street Building New Shadows |
| ■ Mission and Capp Street Buildings New Combined Shadows | ■ Capp and Sixteenth Street Buildings New Combined Shadows | ■ Sixteenth and Mission Street Buildings New Copmbined Shadows |
| ■ Mission, Capp and Sixteenth Street Buildings New Combined Shadows | | ■ Existing Shadows |





1979 Mission Street
June 21 1:00 pm

- | | | |
|--|---|--|
| ■ Mission Street Building | ■ Capp Street Building | ■ Sixteenth Street Building |
| ■ Mission Street Building New Shadows | ■ Capp Street Building New Shadows | ■ Sixteenth Street Building New Shadows |
| ■ Mission and Capp Street Buildings New Combined Shadows | ■ Capp and Sixteenth Street Buildings New Combined Shadows | ■ Sixteenth and Mission Street Buildings New Copmbined Shadows |
| ■ Mission, Capp and Sixteenth Street Buildings New Combined Shadows | | ■ Existing Shadows |

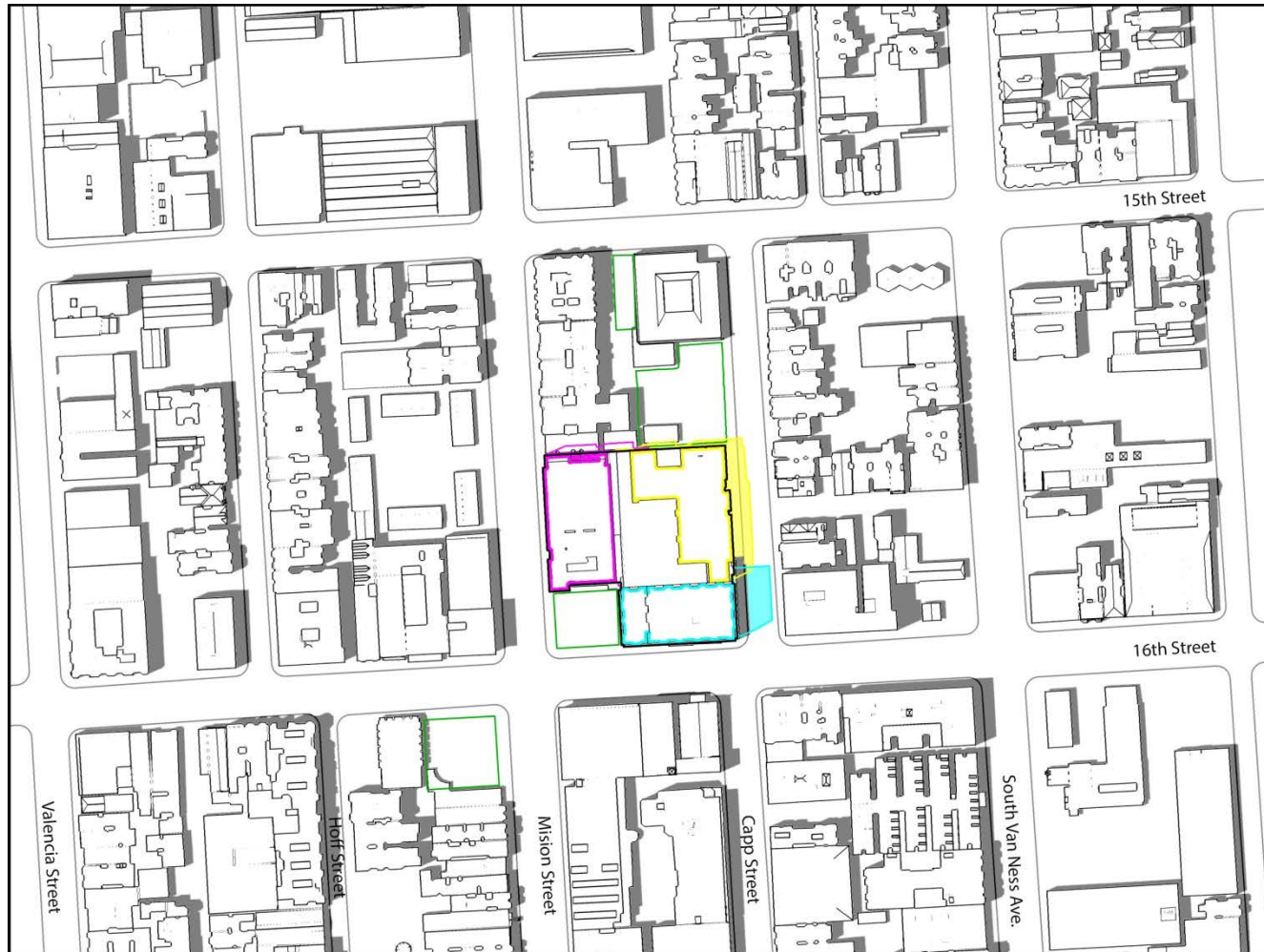




1979 Mission Street
June 21 2:00 pm

- | | | |
|---|--|---|
| Mission Street Building | Capp Street Building | Sixteenth Street Building |
| Mission Street Building New Shadows | Capp Street Building New Shadows | Sixteenth Street Building New Shadows |
| Mission and Capp Street Buildings New Combined Shadows | Capp and Sixteenth Street Buildings New Combined Shadows | Sixteenth and Mission Street Buildings New Copmbined Shadows |
| Mission, Capp and Sixteenth Street Buildings New Combined Shadows | | Existing Shadows |





1979 Mission Street
June 21 3:00 pm

- | | | |
|--|---|--|
| ■ Mission Street Building | ■ Capp Street Building | ■ Sixteenth Street Building |
| ■ Mission Street Building New Shadows | ■ Capp Street Building New Shadows | ■ Sixteenth Street Building New Shadows |
| ■ Mission and Capp Street Buildings New Combined Shadows | ■ Capp and Sixteenth Street Buildings New Combined Shadows | ■ Sixteenth and Mission Street Buildings New Copmbined Shadows |
| ■ Mission, Capp and Sixteenth Street Buildings New Combined Shadows | | ■ Existing Shadows |





1979 Mission Street
June 21 4:00 pm

- | | | |
|---|--|---|
| Mission Street Building | Capp Street Building | Sixteenth Street Building |
| Mission Street Building New Shadows | Capp Street Building New Shadows | Sixteenth Street Building New Shadows |
| Mission and Capp Street Buildings New Combined Shadows | Capp and Sixteenth Street Buildings New Combined Shadows | Sixteenth and Mission Street Buildings New Copmbined Shadows |
| Mission, Capp and Sixteenth Street Buildings New Combined Shadows | | Existing Shadows |





1979 Mission Street
June 21 5:00 pm

- | | | |
|---|--|---|
| Mission Street Building | Capp Street Building | Sixteenth Street Building |
| Mission Street Building New Shadows | Capp Street Building New Shadows | Sixteenth Street Building New Shadows |
| Mission and Capp Street Buildings New Combined Shadows | Capp and Sixteenth Street Buildings New Combined Shadows | Sixteenth and Mission Street Buildings New Copmbined Shadows |
| Mission, Capp and Sixteenth Street Buildings New Combined Shadows | | Existing Shadows |





1979 Mission Street
June 21 6:00 pm

- | | | |
|---|--|---|
| Mission Street Building | Capp Street Building | Sixteenth Street Building |
| Mission Street Building New Shadows | Capp Street Building New Shadows | Sixteenth Street Building New Shadows |
| Mission and Capp Street Buildings New Combined Shadows | Capp and Sixteenth Street Buildings New Combined Shadows | Sixteenth and Mission Street Buildings New Copmbined Shadows |
| Mission, Capp and Sixteenth Street Buildings New Combined Shadows | | Existing Shadows |





1979 Mission Street
June 21 7:00 pm

- | | | |
|--|---|---|
| ■ Mission Street Building | ■ Capp Street Building | ■ Sixteenth Street Building |
| ■ Mission Street Building New Shadows | ■ Capp Street Building New Shadows | ■ Sixteenth Street Building New Shadows |
| ■ Mission and Capp Street Buildings New Combined Shadows | ■ Capp and Sixteenth Street Buildings New Combined Shadows | ■ Sixteenth and Mission Street Buildings New Combined Shadows |
| ■ Mission, Capp and Sixteenth Street Buildings New Combined Shadows | | ■ Existing Shadows |





1979 Mission Street
June 21 Sunset -1 Hour (7:36 pm)

- | | | |
|--|---|--|
| ■ Mission Street Building | ■ Capp Street Building | ■ Sixteenth Street Building |
| ■ Mission Street Building New Shadows | ■ Capp Street Building New Shadows | ■ Sixteenth Street Building New Shadows |
| ■ Mission and Capp Street Buildings New Combined Shadows | ■ Capp and Sixteenth Street Buildings New Combined Shadows | ■ Sixteenth and Mission Street Buildings New Copmbined Shadows |
| ■ Mission, Capp and Sixteenth Street Buildings New Combined Shadows | | ■ Existing Shadows |





1979 Mission Street
September 20 Sunrise +1 Hour (7:57 am)

- | | | |
|--|---|---|
| ■ Mission Street Building | ■ Capp Street Building | ■ Sixteenth Street Building |
| ■ Mission Street Building New Shadows | ■ Capp Street Building New Shadows | ■ Sixteenth Street Building New Shadows |
| ■ Mission and Capp Street Buildings New Combined Shadows | ■ Capp and Sixteenth Street Buildings New Combined Shadows | ■ Sixteenth and Mission Street Buildings New Combined Shadows |
| ■ Mission, Capp and Sixteenth Street Buildings New Combined Shadows | | ■ Existing Shadows |





1979 Mission Street
September 20 8:00 am

- | | | |
|---|---|--|
| Mission Street Building | Capp Street Building | Sixteenth Street Building |
| Mission Street Building New Shadows | Capp Street Building New Shadows | Sixteenth Street Building New Shadows |
| Mission and Capp Street Buildings New Combined Shadows | Capp and Sixteenth Street Buildings New Combined Shadows | Sixteenth and Mission Street Buildings New Copmbined Shadows |
| Mission, Capp and Sixteenth Street Buildings New Combined Shadows | | Existing Shadows |





1979 Mission Street
September 20 9:00 am

- | | | |
|--|---|--|
| ■ Mission Street Building | ■ Capp Street Building | ■ Sixteenth Street Building |
| ■ Mission Street Building New Shadows | ■ Capp Street Building New Shadows | ■ Sixteenth Street Building New Shadows |
| ■ Mission and Capp Street Buildings New Combined Shadows | ■ Capp and Sixteenth Street Buildings New Combined Shadows | ■ Sixteenth and Mission Street Buildings New Copmbined Shadows |
| ■ Mission, Capp and Sixteenth Street Buildings New Combined Shadows | | ■ Existing Shadows |





1979 Mission Street
September 20 10:00 am

- | | | |
|--|---|--|
| Mission Street Building | Capp Street Building | Sixteenth Street Building |
| Mission Street Building New Shadows | Capp Street Building New Shadows | Sixteenth Street Building New Shadows |
| Mission and Capp Street Buildings New Combined Shadows | Capp and Sixteenth Street Buildings New Combined Shadows | Sixteenth and Mission Street Buildings New Copmbined Shadows |
| Mission, Capp and Sixteenth Street Buildings New Combined Shadows | | Existing Shadows |





1979 Mission Street
September 20 11:00 am

- | | | |
|--|---|--|
| ■ Mission Street Building | ■ Capp Street Building | ■ Sixteenth Street Building |
| ■ Mission Street Building New Shadows | ■ Capp Street Building New Shadows | ■ Sixteenth Street Building New Shadows |
| ■ Mission and Capp Street Buildings New Combined Shadows | ■ Capp and Sixteenth Street Buildings New Combined Shadows | ■ Sixteenth and Mission Street Buildings New Copmbined Shadows |
| ■ Mission, Capp and Sixteenth Street Buildings New Combined Shadows | | ■ Existing Shadows |





1979 Mission Street
September 20 12:00 noon

- | | | |
|--|---|--|
| ■ Mission Street Building | ■ Capp Street Building | ■ Sixteenth Street Building |
| ■ Mission Street Building New Shadows | ■ Capp Street Building New Shadows | ■ Sixteenth Street Building New Shadows |
| ■ Mission and Capp Street Buildings New Combined Shadows | ■ Capp and Sixteenth Street Buildings New Combined Shadows | ■ Sixteenth and Mission Street Buildings New Copmbined Shadows |
| ■ Mission, Capp and Sixteenth Street Buildings New Combined Shadows | | ■ Existing Shadows |

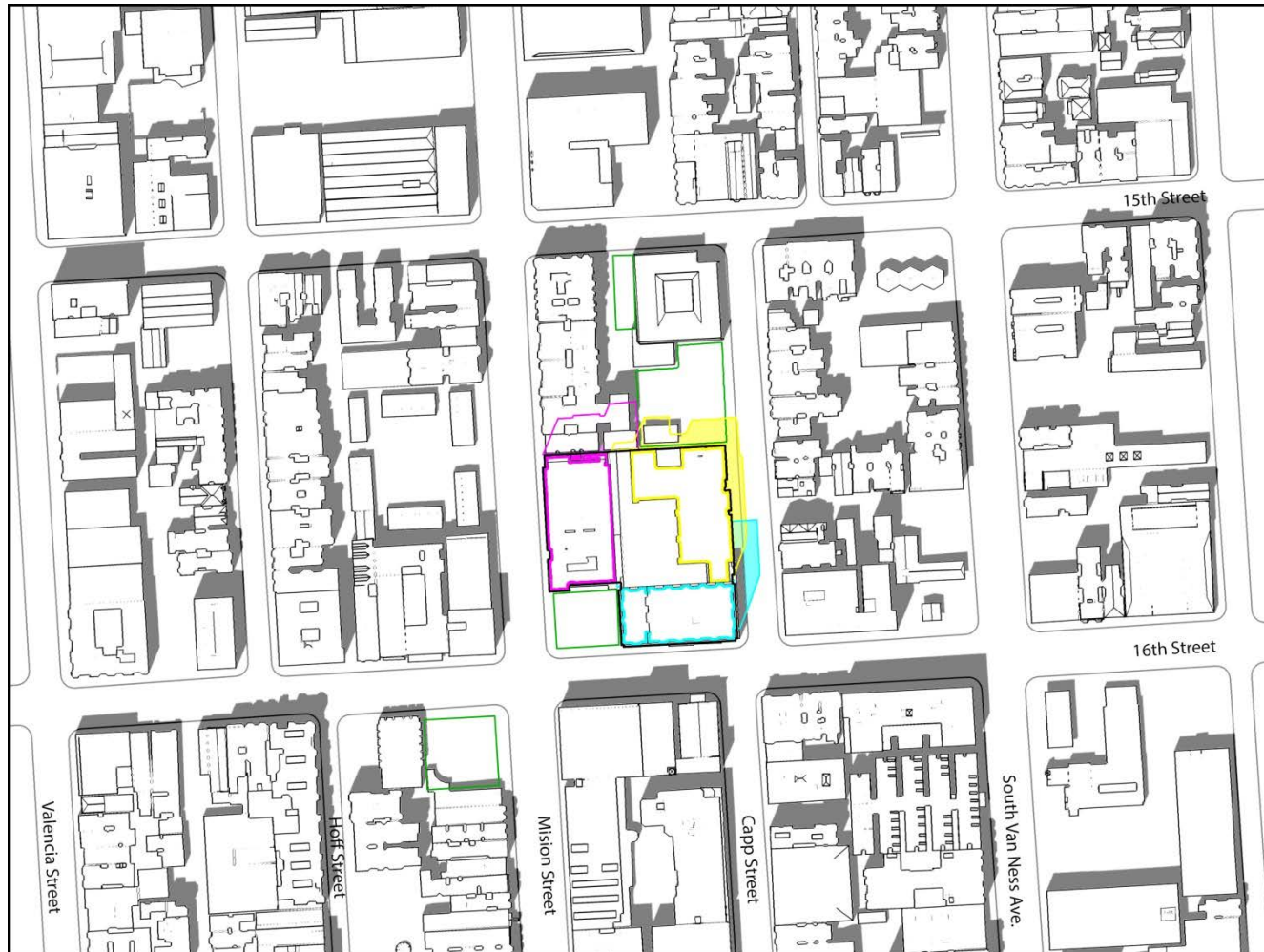




1979 Mission Street
September 20 1:00 pm

- | | | |
|--|---|--|
| ■ Mission Street Building | ■ Capp Street Building | ■ Sixteenth Street Building |
| ■ Mission Street Building New Shadows | ■ Capp Street Building New Shadows | ■ Sixteenth Street Building New Shadows |
| ■ Mission and Capp Street Buildings New Combined Shadows | ■ Capp and Sixteenth Street Buildings New Combined Shadows | ■ Sixteenth and Mission Street Buildings New Copmbined Shadows |
| ■ Mission, Capp and Sixteenth Street Buildings New Combined Shadows | | ■ Existing Shadows |

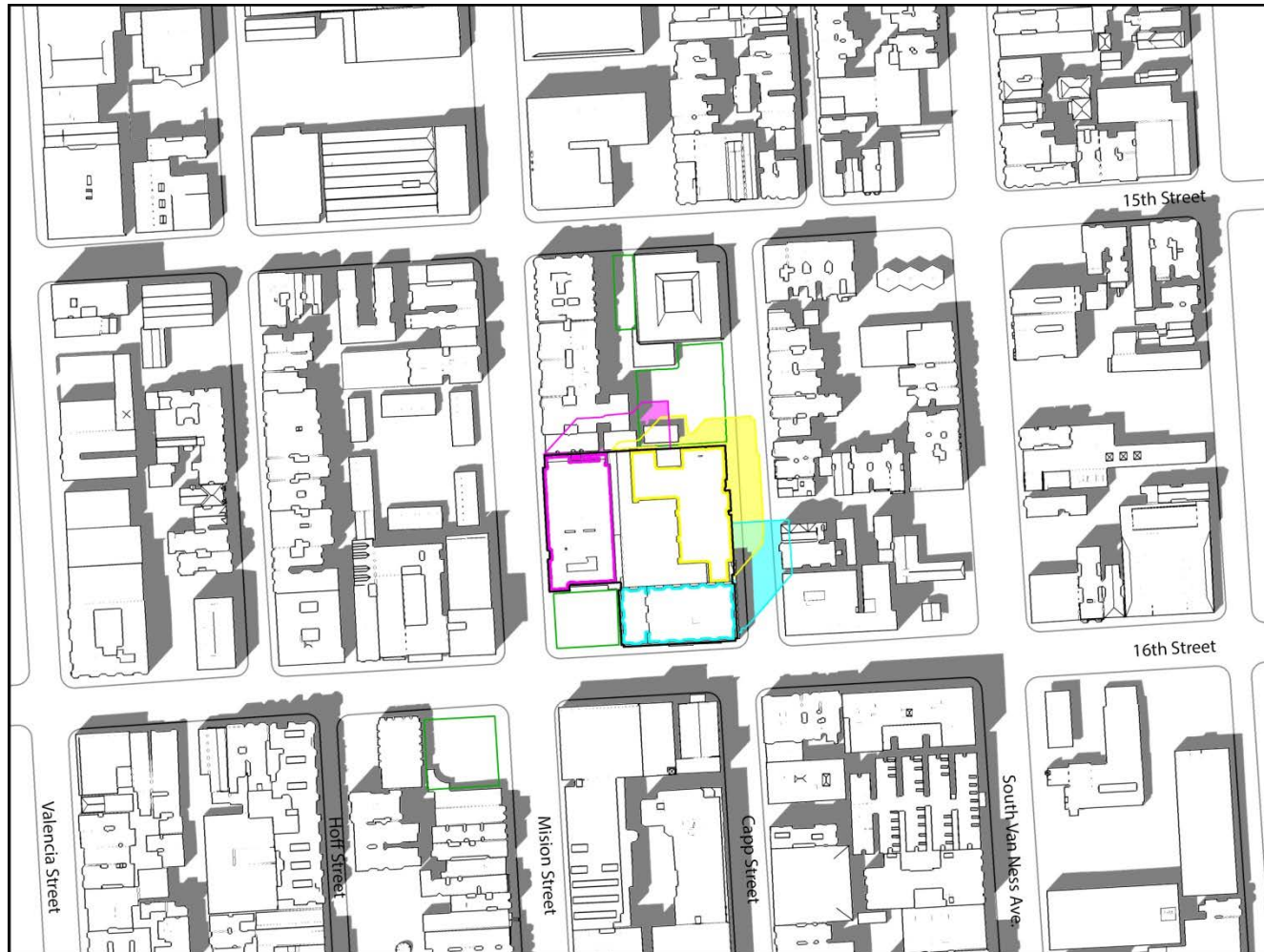




1979 Mission Street
September 20 2:00 pm

- | | | |
|---|--|---|
| Mission Street Building | Capp Street Building | Sixteenth Street Building |
| Mission Street Building New Shadows | Capp Street Building New Shadows | Sixteenth Street Building New Shadows |
| Mission and Capp Street Buildings New Combined Shadows | Capp and Sixteenth Street Buildings New Combined Shadows | Sixteenth and Mission Street Buildings New Copmbined Shadows |
| Mission, Capp and Sixteenth Street Buildings New Combined Shadows | | Existing Shadows |





1979 Mission Street
September 20 3:00 pm

- | | | |
|---|--|---|
| Mission Street Building | Capp Street Building | Sixteenth Street Building |
| Mission Street Building New Shadows | Capp Street Building New Shadows | Sixteenth Street Building New Shadows |
| Mission and Capp Street Buildings New Combined Shadows | Capp and Sixteenth Street Buildings New Combined Shadows | Sixteenth and Mission Street Buildings New Copmbined Shadows |
| Mission, Capp and Sixteenth Street Buildings New Combined Shadows | | Existing Shadows |





1979 Mission Street
September 20 4:00 pm

- | | | |
|--|---|---|
| ■ Mission Street Building | ■ Capp Street Building | ■ Sixteenth Street Building |
| ■ Mission Street Building New Shadows | ■ Capp Street Building New Shadows | ■ Sixteenth Street Building New Shadows |
| ■ Mission and Capp Street Buildings New Combined Shadows | ■ Capp and Sixteenth Street Buildings New Combined Shadows | ■ Sixteenth and Mission Street Buildings New Combined Shadows |
| ■ Mission, Capp and Sixteenth Street Buildings New Combined Shadows | | ■ Existing Shadows |





1979 Mission Street
September 20 5:00 pm

- | | | |
|--|---|--|
| Mission Street Building | Capp Street Building | Sixteenth Street Building |
| Mission Street Building New Shadows | Capp Street Building New Shadows | Sixteenth Street Building New Shadows |
| Mission and Capp Street Buildings New Combined Shadows | Capp and Sixteenth Street Buildings New Combined Shadows | Sixteenth and Mission Street Buildings New Copmbined Shadows |
| Mission, Capp and Sixteenth Street Buildings New Combined Shadows | | Existing Shadows |





1979 Mission Street
September 20 6:00 pm

- | | | |
|--|---|---|
| Mission Street Building | Capp Street Building | Sixteenth Street Building |
| Mission Street Building New Shadows | Capp Street Building New Shadows | Sixteenth Street Building New Shadows |
| Mission and Capp Street Buildings New Combined Shadows | Capp and Sixteenth Street Buildings New Combined Shadows | Sixteenth and Mission Street Buildings New Combined Shadows |
| Mission, Capp and Sixteenth Street Buildings New Combined Shadows | | Existing Shadows |





1979 Mission Street
September 20 Sunset -1 Hour (6:10 pm)

- | | | |
|--|---|--|
| ■ Mission Street Building | ■ Capp Street Building | ■ Sixteenth Street Building |
| ■ Mission Street Building New Shadows | ■ Capp Street Building New Shadows | ■ Sixteenth Street Building New Shadows |
| ■ Mission and Capp Street Buildings New Combined Shadows | ■ Capp and Sixteenth Street Buildings New Combined Shadows | ■ Sixteenth and Mission Street Buildings New Copmbined Shadows |
| ■ Mission, Capp and Sixteenth Street Buildings New Combined Shadows | | ■ Existing Shadows |





1979 Mission Street
December 20 Sunrise +1 Hour (8:20 am)

- | | | |
|--|---|--|
| Mission Street Building | Capp Street Building | Sixteenth Street Building |
| Mission Street Building New Shadows | Capp Street Building New Shadows | Sixteenth Street Building New Shadows |
| Mission and Capp Street Buildings New Combined Shadows | Capp and Sixteenth Street Buildings New Combined Shadows | Sixteenth and Mission Street Buildings New Copmbined Shadows |
| Mission, Capp and Sixteenth Street Buildings New Combined Shadows | | Existing Shadows |

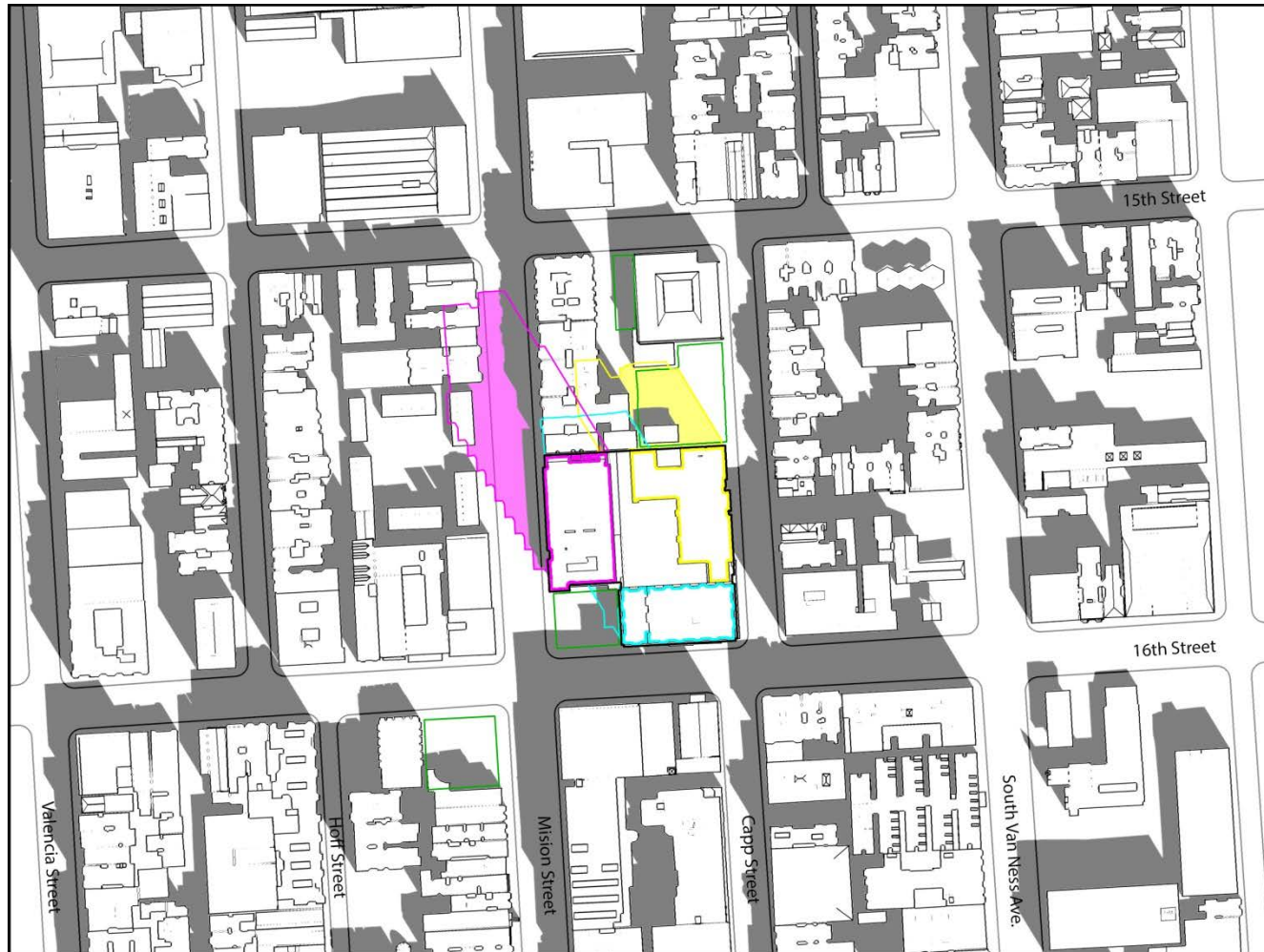




1979 Mission Street
December 20 9:00 am

- | | | |
|--|---|---|
| ■ Mission Street Building | ■ Capp Street Building | ■ Sixteenth Street Building |
| ■ Mission Street Building New Shadows | ■ Capp Street Building New Shadows | ■ Sixteenth Street Building New Shadows |
| ■ Mission and Capp Street Buildings New Combined Shadows | ■ Capp and Sixteenth Street Buildings New Combined Shadows | ■ Sixteenth and Mission Street Buildings New Combined Shadows |
| ■ Mission, Capp and Sixteenth Street Buildings New Combined Shadows | | ■ Existing Shadows |





1979 Mission Street
December 20 10:00 am

- | | | |
|--|---|--|
| ■ Mission Street Building | ■ Capp Street Building | ■ Sixteenth Street Building |
| ■ Mission Street Building New Shadows | ■ Capp Street Building New Shadows | ■ Sixteenth Street Building New Shadows |
| ■ Mission and Capp Street Buildings New Combined Shadows | ■ Capp and Sixteenth Street Buildings New Combined Shadows | ■ Sixteenth and Mission Street Buildings New Copmbined Shadows |
| ■ Mission, Capp and Sixteenth Street Buildings New Combined Shadows | | ■ Existing Shadows |



1979 Mission Street
December 20 11:00 am

- | | | |
|--|---|--|
| ■ Mission Street Building | ■ Capp Street Building | ■ Sixteenth Street Building |
| ■ Mission Street Building New Shadows | ■ Capp Street Building New Shadows | ■ Sixteenth Street Building New Shadows |
| ■ Mission and Capp Street Buildings New Combined Shadows | ■ Capp and Sixteenth Street Buildings New Combined Shadows | ■ Sixteenth and Mission Street Buildings New Copmbined Shadows |
| ■ Mission, Capp and Sixteenth Street Buildings New Combined Shadows | | ■ Existing Shadows |





1979 Mission Street
December 20 12:00 noon

- | | | |
|--|---|--|
| ■ Mission Street Building | ■ Capp Street Building | ■ Sixteenth Street Building |
| ■ Mission Street Building New Shadows | ■ Capp Street Building New Shadows | ■ Sixteenth Street Building New Shadows |
| ■ Mission and Capp Street Buildings New Combined Shadows | ■ Capp and Sixteenth Street Buildings New Combined Shadows | ■ Sixteenth and Mission Street Buildings New Copmbined Shadows |
| ■ Mission, Capp and Sixteenth Street Buildings New Combined Shadows | | ■ Existing Shadows |



1979 Mission Street
December 20 1:00 pm

- Mission Street Building
- Mission Street Building New Shadows
- Mission and Capp Street Buildings New Combined Shadows
- Mission, Capp and Sixteenth Street Buildings New Combined Shadows
- Capp Street Building
- Capp Street Building New Shadows
- Capp and Sixteenth Street Buildings New Combined Shadows
- Sixteenth Street Building
- Sixteenth Street Building New Shadows
- Sixteenth and Mission Street Buildings New Copmbined Shadows
- Existing Shadows

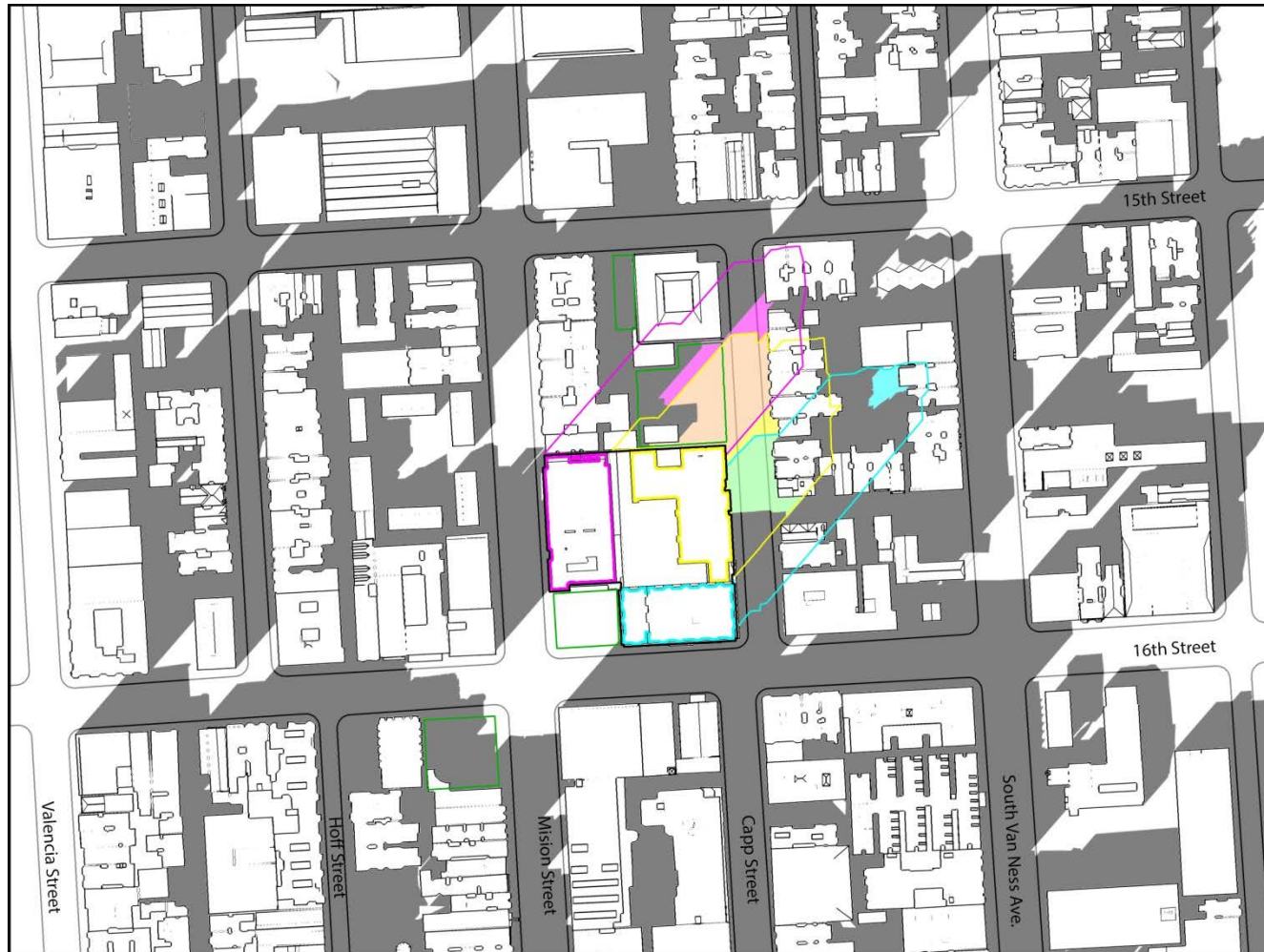




1979 Mission Street
December 20 2:00 pm

- | | | |
|--|---|--|
| ■ Mission Street Building | ■ Capp Street Building | ■ Sixteenth Street Building |
| ■ Mission Street Building New Shadows | ■ Capp Street Building New Shadows | ■ Sixteenth Street Building New Shadows |
| ■ Mission and Capp Street Buildings New Combined Shadows | ■ Capp and Sixteenth Street Buildings New Combined Shadows | ■ Sixteenth and Mission Street Buildings New Copmbined Shadows |
| ■ Mission, Capp and Sixteenth Street Buildings New Combined Shadows | | ■ Existing Shadows |

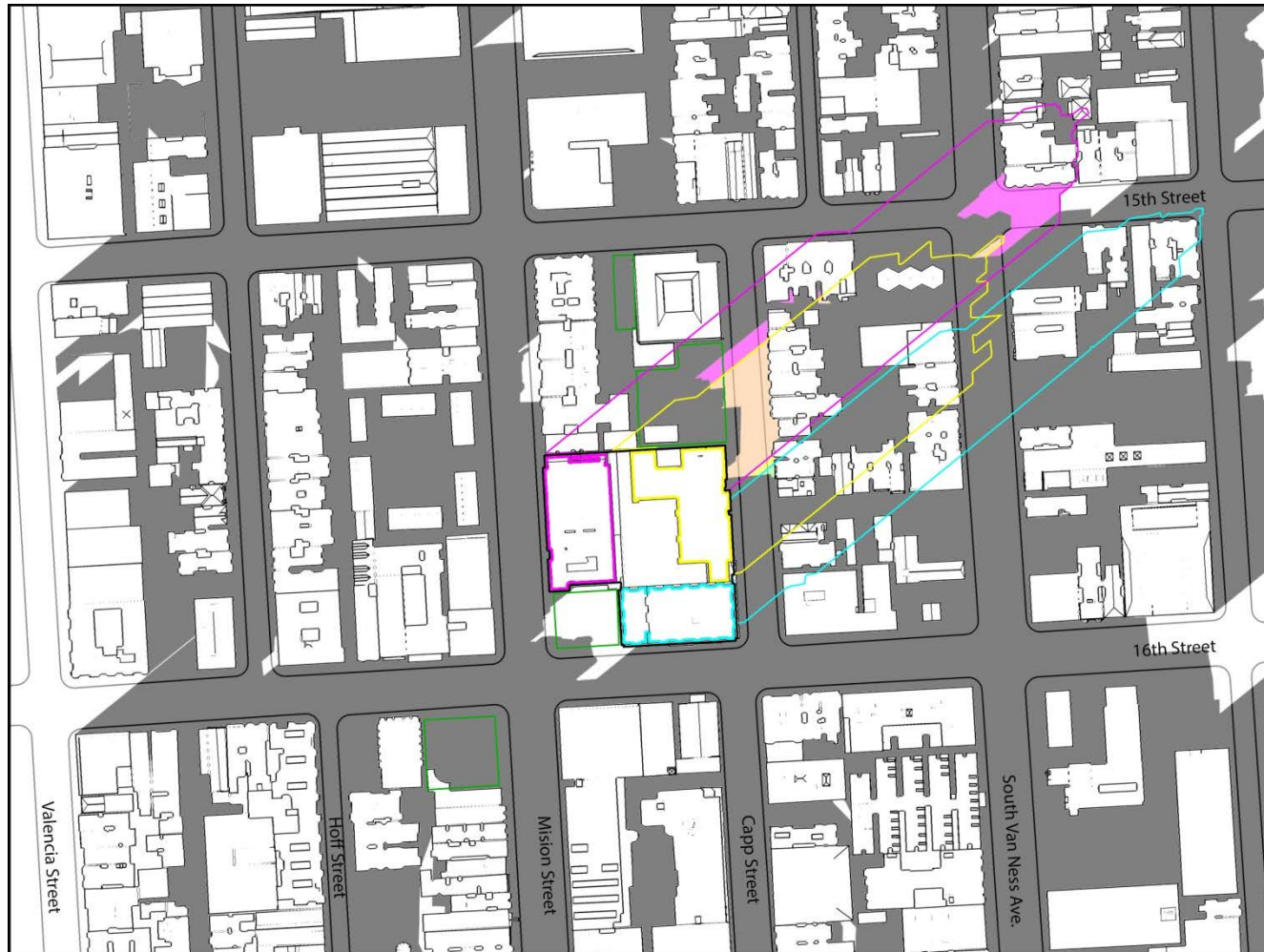




1979 Mission Street
December 20 3:00 pm

- | | | |
|--|---|--|
| ■ Mission Street Building | ■ Capp Street Building | ■ Sixteenth Street Building |
| ■ Mission Street Building New Shadows | ■ Capp Street Building New Shadows | ■ Sixteenth Street Building New Shadows |
| ■ Mission and Capp Street Buildings New Combined Shadows | ■ Capp and Sixteenth Street Buildings New Combined Shadows | ■ Sixteenth and Mission Street Buildings New Copmbined Shadows |
| ■ Mission, Capp and Sixteenth Street Buildings New Combined Shadows | | ■ Existing Shadows |





1979 Mission Street
December 20 3:55 pm

- | | | |
|--|---|--|
| Mission Street Building | Capp Street Building | Sixteenth Street Building |
| Mission Street Building New Shadows | Capp Street Building New Shadows | Sixteenth Street Building New Shadows |
| Mission and Capp Street Buildings New Combined Shadows | Capp and Sixteenth Street Buildings New Combined Shadows | Sixteenth and Mission Street Buildings New Copmbined Shadows |
| Mission, Capp and Sixteenth Street Buildings New Combined Shadows | | Existing Shadows |



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EXHIBIT D

Summaries and Quantitative Results

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EXHIBIT D.1.A

Marshall Elementary School Playground

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Summary of Results - 1979 Mission Street - Marshall Elementary School
 Playground
 (Updated datum - FINAL DESIGN)

cadp annualized net new shadow	11,785,128.79 Sq ft hrs
Annual Available Sunlight (AAS), based on City's AAS Factor	54,615,705.53 Sq ft hrs
Annual Shadow Increase as a Percentage of AAS	21.578%

Exisitng Shadow Load	
Annulaized Existing Shadow	12,061,130.70
Annual Available Sunlight (AAS), based on City's AAS Factor	54,615,705.53
	22.0836%

TOTAL Shadow	23,846,259.48
	43.66191%



Quantitative Shadow Results - Impact Times

EXHIBIT D.1

1979 Mission Street - Marshall Elementary School Playground

Date	Mirror	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	New SFHR Total/day
21-Jun	None	1991.06.21 09:15:00	0:15:00	225.81	56.45	10.17	2.54	
		1991.06.21 09:30:00	0:15:00	256.58	64.15	165.76	41.44	
		1991.06.21 09:45:00	0:15:00	287.60	71.90	313.41	78.35	
		1991.06.21 10:00:00	0:15:00	313.16	78.29	425.82	106.46	
		1991.06.21 10:15:00	0:15:00	338.97	84.74	536.49	134.12	
		1991.06.21 10:30:00	0:15:00	358.08	89.52	616.64	154.16	
		1991.06.21 10:45:00	0:15:00	371.23	92.81	696.30	174.08	
		1991.06.21 11:00:00	0:15:00	365.52	91.38	740.97	185.24	
		1991.06.21 11:15:00	0:15:00	361.80	90.45	803.00	200.75	
		1991.06.21 11:30:00	0:15:00	353.36	88.34	842.71	210.68	
		1991.06.21 11:45:00	0:15:00	343.68	85.92	908.46	227.12	
		1991.06.21 12:00:00	0:15:00	329.79	82.45	932.29	233.07	
		1991.06.21 12:15:00	0:15:00	318.37	79.59	997.05	249.26	
		1991.06.21 12:30:00	0:15:00	292.32	73.08	1,004.50	251.12	
		1991.06.21 12:45:00	0:15:00	268.49	67.12	1,063.31	265.83	
		1991.06.21 13:00:00	0:15:00	239.71	59.93	1,051.40	262.85	
		1991.06.21 13:15:00	0:15:00	240.21	60.05	1,094.57	273.64	
		1991.06.21 13:30:00	0:15:00	274.95	68.74	1,070.26	267.56	
		1991.06.21 13:45:00	0:15:00	337.73	84.43	1,070.26	267.56	
		1991.06.21 14:00:00	0:15:00	410.43	102.61	991.10	247.77	
		1991.06.21 14:15:00	0:15:00	606.97	151.74	964.30	241.07	
		1991.06.21 14:30:00	0:15:00	814.17	203.54	876.45	219.11	
		1991.06.21 14:45:00	0:15:00	1,029.81	257.45	836.25	209.06	
		1991.06.21 15:00:00	0:15:00	1,242.22	310.56	766.28	191.57	
		1991.06.21 15:15:00	0:15:00	1,443.47	360.87	692.83	173.21	
		1991.06.21 15:30:00	0:15:00	1,635.04	408.76	563.29	140.82	
		1991.06.21 15:45:00	0:15:00	1,868.29	467.07	437.98	109.50	
		1991.06.21 16:00:00	0:15:00	2,100.31	525.08	288.10	72.02	
		1991.06.21 16:15:00	0:15:00	7:15:00 2,346.47	586.62	124.57	31.14	5,221.12
28-Jun	14-Jun	1991.06.28 09:15:00	0:15:00	224.08	56.02	8.69	2.17	
		1991.06.28 09:30:00	0:15:00	256.58	64.15	163.03	40.76	
		1991.06.28 09:45:00	0:15:00	287.85	71.96	314.90	78.72	
		1991.06.28 10:00:00	0:15:00	314.15	78.54	429.79	107.45	
		1991.06.28 10:15:00	0:15:00	339.71	84.93	540.96	135.24	
		1991.06.28 10:30:00	0:15:00	358.82	89.71	623.34	155.84	
		1991.06.28 10:45:00	0:15:00	374.21	93.55	701.01	175.25	
		1991.06.28 11:00:00	0:15:00	369.49	92.37	745.68	186.42	
		1991.06.28 11:15:00	0:15:00	365.27	91.32	808.71	202.18	
		1991.06.28 11:30:00	0:15:00	356.34	89.09	847.17	211.79	
		1991.06.28 11:45:00	0:15:00	346.66	86.67	916.65	229.16	
		1991.06.28 12:00:00	0:15:00	333.01	83.25	943.20	235.80	
		1991.06.28 12:15:00	0:15:00	321.10	80.28	1,003.75	250.94	
		1991.06.28 12:30:00	0:15:00	297.28	74.32	1,016.41	254.10	
		1991.06.28 12:45:00	0:15:00	272.71	68.18	1,073.98	268.49	
		1991.06.28 13:00:00	0:15:00	242.94	60.73	1,064.55	266.14	
		1991.06.28 13:15:00	0:15:00	240.95	60.24	1,104.25	276.06	
		1991.06.28 13:30:00	0:15:00	272.71	68.18	1,086.88	271.72	
		1991.06.28 13:45:00	0:15:00	332.76	83.19	1,086.39	271.60	
		1991.06.28 14:00:00	0:15:00	404.98	101.24	1,008.72	252.18	
		1991.06.28 14:15:00	0:15:00	589.35	147.34	986.38	246.60	
		1991.06.28 14:30:00	0:15:00	799.28	199.82	898.54	224.63	
		1991.06.28 14:45:00	0:15:00	1,016.66	254.16	848.91	212.23	
		1991.06.28 15:00:00	0:15:00	1,229.57	307.39	783.15	195.79	
		1991.06.28 15:15:00	0:15:00	1,429.08	357.27	719.62	179.91	

Date	Mirror	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	New SFHR Total/day
		1991.06.28 15:30:00	0:15:00	1,624.12	406.03	590.34	147.59	
		1991.06.28 15:45:00	0:15:00	1,850.68	462.67	473.22	118.30	
		1991.06.28 16:00:00	0:15:00	2,084.93	521.23	321.10	80.28	
		1991.06.28 16:15:00	0:15:00	2,333.32	583.33	160.55	40.14	
		1991.06.28 16:30:00	0:15:00	7:30:00 2,586.43	646.61	1.74	0.43	
5-Jul	7-Jul	1991.07.05 09:15:00	0:15:00	231.27	57.82	31.02	7.76	5,317.90
		1991.07.05 09:30:00	0:15:00	263.28	65.82	193.55	48.39	
		1991.07.05 09:45:00	0:15:00	294.05	73.51	353.11	88.28	
		1991.07.05 10:00:00	0:15:00	319.61	79.90	469.49	117.37	
		1991.07.05 10:15:00	0:15:00	345.67	86.42	579.92	144.98	
		1991.07.05 10:30:00	0:15:00	364.03	91.01	659.57	164.89	
		1991.07.05 10:45:00	0:15:00	384.88	96.22	728.56	182.14	
		1991.07.05 11:00:00	0:15:00	379.42	94.85	773.97	193.49	
		1991.07.05 11:15:00	0:15:00	374.21	93.55	835.26	208.82	
		1991.07.05 11:30:00	0:15:00	363.53	90.88	880.42	220.11	
		1991.07.05 11:45:00	0:15:00	352.12	88.03	950.15	237.54	
		1991.07.05 12:00:00	0:15:00	337.48	84.37	978.44	244.61	
		1991.07.05 12:15:00	0:15:00	329.29	82.32	1,042.71	260.68	
		1991.07.05 12:30:00	0:15:00	306.21	76.55	1,056.61	264.15	
		1991.07.05 12:45:00	0:15:00	280.90	70.23	1,112.94	278.23	
		1991.07.05 13:00:00	0:15:00	251.37	62.84	1,105.49	276.37	
		1991.07.05 13:15:00	0:15:00	244.42	61.11	1,145.69	286.42	
		1991.07.05 13:30:00	0:15:00	273.46	68.36	1,137.50	284.38	
		1991.07.05 13:45:00	0:15:00	334.01	83.50	1,137.01	284.25	
		1991.07.05 14:00:00	0:15:00	402.99	100.75	1,062.07	265.52	
		1991.07.05 14:15:00	0:15:00	583.14	145.79	1,041.22	260.31	
		1991.07.05 14:30:00	0:15:00	795.06	198.77	948.91	237.23	
		1991.07.05 14:45:00	0:15:00	1,014.42	253.61	896.06	224.01	
		1991.07.05 15:00:00	0:15:00	1,230.31	307.58	818.88	204.72	
		1991.07.05 15:15:00	0:15:00	1,435.53	358.88	769.01	192.25	
		1991.07.05 15:30:00	0:15:00	1,632.06	408.02	654.11	163.53	
		1991.07.05 15:45:00	0:15:00	1,858.86	464.72	540.71	135.18	
		1991.07.05 16:00:00	0:15:00	2,096.34	524.09	389.84	97.46	
		1991.07.05 16:15:00	0:15:00	2,345.98	586.49	235.99	59.00	
		1991.07.05 16:30:00	0:15:00	7:30:00 2,602.06	650.52	27.30	6.82	
12-Jul	31-May	1991.07.12 09:15:00	0:15:00	241.45	60.36	90.82	22.71	5,638.88
		1991.07.12 09:30:00	0:15:00	274.95	68.74	262.79	65.70	
		1991.07.12 09:45:00	0:15:00	307.70	76.93	424.08	106.02	
		1991.07.12 10:00:00	0:15:00	331.77	82.94	541.21	135.30	
		1991.07.12 10:15:00	0:15:00	358.08	89.52	653.62	163.40	
		1991.07.12 10:30:00	0:15:00	379.42	94.85	719.38	179.84	
		1991.07.12 10:45:00	0:15:00	399.27	99.82	777.19	194.30	
		1991.07.12 11:00:00	0:15:00	393.06	98.27	822.11	205.53	
		1991.07.12 11:15:00	0:15:00	385.62	96.41	898.29	224.57	
		1991.07.12 11:30:00	0:15:00	372.22	93.06	944.20	236.05	
		1991.07.12 11:45:00	0:15:00	363.29	90.82	1,014.42	253.61	
		1991.07.12 12:00:00	0:15:00	349.64	87.41	1,041.72	260.43	
		1991.07.12 12:15:00	0:15:00	337.23	84.31	1,104.25	276.06	
		1991.07.12 12:30:00	0:15:00	314.90	78.72	1,122.12	280.53	
		1991.07.12 12:45:00	0:15:00	291.32	72.83	1,180.43	295.11	
		1991.07.12 13:00:00	0:15:00	260.31	65.08	1,175.97	293.99	
		1991.07.12 13:15:00	0:15:00	249.39	62.35	1,221.62	305.41	
		1991.07.12 13:30:00	0:15:00	279.91	69.98	1,213.68	303.42	
		1991.07.12 13:45:00	0:15:00	338.97	84.74	1,217.65	304.41	
		1991.07.12 14:00:00	0:15:00	411.43	102.86	1,143.71	285.93	
		1991.07.12 14:15:00	0:15:00	588.60	147.15	1,123.36	280.84	
		1991.07.12 14:30:00	0:15:00	801.02	200.25	1,036.01	259.00	
		1991.07.12 14:45:00	0:15:00	1,027.57	256.89	981.92	245.48	
		1991.07.12 15:00:00	0:15:00	1,250.66	312.66	877.20	219.30	

Date	Mirror	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	New SFHR Total/day
		1991.07.12 15:15:00	0:15:00	1,458.11	364.53	823.60	205.90	
		1991.07.12 15:30:00	0:15:00	1,660.35	415.09	742.21	185.55	
		1991.07.12 15:45:00	0:15:00	1,894.35	473.59	641.71	160.43	
		1991.07.12 16:00:00	0:15:00	2,129.59	532.40	497.53	124.38	
		1991.07.12 16:15:00	0:15:00	2,389.40	597.35	347.65	86.91	
		1991.07.12 16:30:00	0:15:00	7:30:00 2,652.44	663.11	142.93	35.73	6,195.84
19-Jul	24-May	1991.07.19 09:00:00	0:15:00	223.33	55.83	12.66	3.16	
		1991.07.19 09:15:00	0:15:00	260.80	65.20	192.31	48.08	
		1991.07.19 09:30:00	0:15:00	293.31	73.33	367.51	91.88	
		1991.07.19 09:45:00	0:15:00	325.32	81.33	535.75	133.94	
		1991.07.19 10:00:00	0:15:00	352.37	88.09	650.39	162.60	
		1991.07.19 10:15:00	0:15:00	377.93	94.48	736.75	184.19	
		1991.07.19 10:30:00	0:15:00	397.78	99.45	787.12	196.78	
		1991.07.19 10:45:00	0:15:00	414.65	103.66	854.62	213.65	
		1991.07.19 11:00:00	0:15:00	407.95	101.99	915.91	228.98	
		1991.07.19 11:15:00	0:15:00	399.27	99.82	990.85	247.71	
		1991.07.19 11:30:00	0:15:00	384.88	96.22	1,038.00	259.50	
		1991.07.19 11:45:00	0:15:00	374.70	93.68	1,105.74	276.44	
		1991.07.19 12:00:00	0:15:00	359.81	89.95	1,130.80	282.70	
		1991.07.19 12:15:00	0:15:00	347.90	86.98	1,198.05	299.51	
		1991.07.19 12:30:00	0:15:00	327.55	81.89	1,216.17	304.04	
		1991.07.19 12:45:00	0:15:00	301.99	75.50	1,283.41	320.85	
		1991.07.19 13:00:00	0:15:00	270.73	67.68	1,284.41	321.10	
		1991.07.19 13:15:00	0:15:00	258.57	64.64	1,329.07	332.27	
		1991.07.19 13:30:00	0:15:00	289.34	72.34	1,325.10	331.28	
		1991.07.19 13:45:00	0:15:00	347.90	86.98	1,333.29	333.32	
		1991.07.19 14:00:00	0:15:00	423.59	105.90	1,258.10	314.53	
		1991.07.19 14:15:00	0:15:00	605.97	151.49	1,239.00	309.75	
		1991.07.19 14:30:00	0:15:00	824.34	206.09	1,150.90	287.73	
		1991.07.19 14:45:00	0:15:00	1,054.62	263.66	1,099.29	274.82	
		1991.07.19 15:00:00	0:15:00	1,284.41	321.10	994.57	248.64	
		1991.07.19 15:15:00	0:15:00	1,498.06	374.52	918.39	229.60	
		1991.07.19 15:30:00	0:15:00	1,713.70	428.43	820.37	205.09	
		1991.07.19 15:45:00	0:15:00	1,955.15	488.79	763.79	190.95	
		1991.07.19 16:00:00	0:15:00	2,192.87	548.22	643.94	160.99	
		1991.07.19 16:15:00	0:15:00	2,460.62	615.16	494.06	123.52	
		1991.07.19 16:30:00	0:15:00	2,729.86	682.46	293.56	73.39	
		1991.07.19 16:45:00	0:15:00	8:00:00 3,032.84	758.21	72.71	18.18	7,009.14
26-Jul	17-May	1991.07.26 09:00:00	0:15:00	264.03	66.01	133.26	33.31	
		1991.07.26 09:15:00	0:15:00	286.11	71.53	333.51	83.38	
		1991.07.26 09:30:00	0:15:00	319.61	79.90	512.67	128.17	
		1991.07.26 09:45:00	0:15:00	350.63	87.66	683.64	170.91	
		1991.07.26 10:00:00	0:15:00	377.43	94.36	759.82	189.96	
		1991.07.26 10:15:00	0:15:00	399.52	99.88	823.35	205.84	
		1991.07.26 10:30:00	0:15:00	414.40	103.60	898.79	224.70	
		1991.07.26 10:45:00	0:15:00	427.06	106.77	986.88	246.72	
		1991.07.26 11:00:00	0:15:00	424.83	106.21	1,041.22	260.31	
		1991.07.26 11:15:00	0:15:00	414.40	103.60	1,113.93	278.48	
		1991.07.26 11:30:00	0:15:00	400.51	100.13	1,155.37	288.84	
		1991.07.26 11:45:00	0:15:00	389.34	97.34	1,225.10	306.28	
		1991.07.26 12:00:00	0:15:00	375.20	93.80	1,252.64	313.16	
		1991.07.26 12:15:00	0:15:00	362.54	90.64	1,317.41	329.35	
		1991.07.26 12:30:00	0:15:00	342.69	85.67	1,341.98	335.49	
		1991.07.26 12:45:00	0:15:00	318.37	79.59	1,404.26	351.07	
		1991.07.26 13:00:00	0:15:00	286.86	71.71	1,412.20	353.05	
		1991.07.26 13:15:00	0:15:00	273.71	68.43	1,463.32	365.83	
		1991.07.26 13:30:00	0:15:00	305.22	76.31	1,467.29	366.82	
		1991.07.26 13:45:00	0:15:00	366.26	91.57	1,472.00	368.00	
		1991.07.26 14:00:00	0:15:00	440.71	110.18	1,403.02	350.76	

Date	Mirror	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	New SFHR Total/day
		1991.07.26 14:15:00	0:15:00	633.02	158.26	1,387.39	346.85	8,113.58
		1991.07.26 14:30:00	0:15:00	858.83	214.71	1,300.29	325.07	
		1991.07.26 14:45:00	0:15:00	1,091.84	272.96	1,251.40	312.85	
		1991.07.26 15:00:00	0:15:00	1,327.83	331.96	1,151.90	287.97	
		1991.07.26 15:15:00	0:15:00	1,550.17	387.54	1,074.47	268.62	
		1991.07.26 15:30:00	0:15:00	1,787.65	446.91	945.19	236.30	
		1991.07.26 15:45:00	0:15:00	2,041.25	510.31	875.96	218.99	
		1991.07.26 16:00:00	0:15:00	2,288.90	572.23	801.02	200.25	
		1991.07.26 16:15:00	0:15:00	2,559.63	639.91	689.85	172.46	
		1991.07.26 16:30:00	0:15:00	2,846.74	711.68	484.38	121.10	
		1991.07.26 16:45:00	0:15:00	3,160.64	790.16	273.71	68.43	
		1991.07.26 17:00:00	0:15:00	8:15:00 3,632.12	908.03	17.12	4.28	
2-Aug	10-May	1991.08.02 08:45:00	0:15:00	726.08	181.52	106.95	26.74	9,576.09
		1991.08.02 09:00:00	0:15:00	343.44	85.86	312.42	78.10	
		1991.08.02 09:15:00	0:15:00	318.62	79.66	517.14	129.28	
		1991.08.02 09:30:00	0:15:00	352.12	88.03	686.87	171.72	
		1991.08.02 09:45:00	0:15:00	384.38	96.10	793.08	198.27	
		1991.08.02 10:00:00	0:15:00	401.00	100.25	894.57	223.64	
		1991.08.02 10:15:00	0:15:00	418.13	104.53	993.58	248.39	
		1991.08.02 10:30:00	0:15:00	430.29	107.57	1,069.01	267.25	
		1991.08.02 10:45:00	0:15:00	444.93	111.23	1,148.17	287.04	
		1991.08.02 11:00:00	0:15:00	443.69	110.92	1,204.50	301.13	
		1991.08.02 11:15:00	0:15:00	431.53	107.88	1,271.75	317.94	
		1991.08.02 11:30:00	0:15:00	418.38	104.59	1,308.97	327.24	
		1991.08.02 11:45:00	0:15:00	406.96	101.74	1,372.75	343.19	
		1991.08.02 12:00:00	0:15:00	392.07	98.02	1,402.52	350.63	
		1991.08.02 12:15:00	0:15:00	379.91	94.98	1,467.79	366.95	
		1991.08.02 12:30:00	0:15:00	359.07	89.77	1,496.32	374.08	
		1991.08.02 12:45:00	0:15:00	333.01	83.25	1,565.31	391.33	
		1991.08.02 13:00:00	0:15:00	301.00	75.25	1,579.45	394.86	
		1991.08.02 13:15:00	0:15:00	290.83	72.71	1,632.06	408.02	
		1991.08.02 13:30:00	0:15:00	324.08	81.02	1,646.20	411.55	
		1991.08.02 13:45:00	0:15:00	390.33	97.58	1,648.93	412.23	
		1991.08.02 14:00:00	0:15:00	467.51	116.88	1,583.17	395.79	
		1991.08.02 14:15:00	0:15:00	675.95	168.99	1,563.82	390.96	
		1991.08.02 14:30:00	0:15:00	909.95	227.49	1,474.49	368.62	
		1991.08.02 14:45:00	0:15:00	1,151.65	287.91	1,440.99	360.25	
		1991.08.02 15:00:00	0:15:00	1,391.61	347.90	1,351.41	337.85	
		1991.08.02 15:15:00	0:15:00	1,617.42	404.35	1,278.70	319.67	
		1991.08.02 15:30:00	0:15:00	1,875.24	468.81	1,136.51	284.13	
		1991.08.02 15:45:00	0:15:00	2,153.17	538.29	1,061.32	265.33	
		1991.08.02 16:00:00	0:15:00	2,425.38	606.35	952.39	238.10	
		1991.08.02 16:15:00	0:15:00	2,708.02	677.01	868.51	217.13	
		1991.08.02 16:30:00	0:15:00	2,997.36	749.34	723.35	180.84	
		1991.08.02 16:45:00	0:15:00	3,348.49	837.12	513.42	128.35	
		1991.08.02 17:00:00	0:15:00	8:30:00 3,871.08	967.77	237.97	59.49	
9-Aug	3-May	1991.08.09 08:30:00	0:15:00	1,654.39	413.60	88.09	22.02	
		1991.08.09 08:45:00	0:15:00	936.01	234.00	319.36	79.84	
		1991.08.09 09:00:00	0:15:00	487.36	121.84	533.02	133.26	
		1991.08.09 09:15:00	0:15:00	357.33	89.33	687.61	171.90	
		1991.08.09 09:30:00	0:15:00	384.88	96.22	823.35	205.84	
		1991.08.09 09:45:00	0:15:00	405.97	101.49	975.22	243.80	
		1991.08.09 10:00:00	0:15:00	421.10	105.28	1,102.76	275.69	
		1991.08.09 10:15:00	0:15:00	438.48	109.62	1,212.20	303.05	
		1991.08.09 10:30:00	0:15:00	449.15	112.29	1,286.89	321.72	
		1991.08.09 10:45:00	0:15:00	464.03	116.01	1,359.35	339.84	
		1991.08.09 11:00:00	0:15:00	465.77	116.44	1,398.06	349.51	
		1991.08.09 11:15:00	0:15:00	455.60	113.90	1,461.58	365.40	
		1991.08.09 11:30:00	0:15:00	440.71	110.18	1,490.86	372.72	

Date	Mirror	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	New SFHR Total/day
		1991.08.09 11:45:00	0:15:00	426.81	106.70	1,545.46	386.36	
		1991.08.09 12:00:00	0:15:00	411.68	102.92	1,573.00	393.25	
		1991.08.09 12:15:00	0:15:00	398.52	99.63	1,646.70	411.68	
		1991.08.09 12:30:00	0:15:00	377.68	94.42	1,679.95	419.99	
		1991.08.09 12:45:00	0:15:00	350.88	87.72	1,753.65	438.41	
		1991.08.09 13:00:00	0:15:00	317.63	79.41	1,775.24	443.81	
		1991.08.09 13:15:00	0:15:00	310.68	77.67	1,836.04	459.01	
		1991.08.09 13:30:00	0:15:00	349.14	87.29	1,856.63	464.16	
		1991.08.09 13:45:00	0:15:00	418.87	104.72	1,852.91	463.23	
		1991.08.09 14:00:00	0:15:00	510.69	127.67	1,786.16	446.54	
		1991.08.09 14:15:00	0:15:00	738.48	184.62	1,767.79	441.95	
		1991.08.09 14:30:00	0:15:00	976.95	244.24	1,685.66	421.41	
		1991.08.09 14:45:00	0:15:00	1,229.81	307.45	1,666.30	416.58	
		1991.08.09 15:00:00	0:15:00	1,471.26	367.82	1,595.33	398.83	
		1991.08.09 15:15:00	0:15:00	1,710.22	427.56	1,530.57	382.64	
		1991.08.09 15:30:00	0:15:00	1,986.16	496.54	1,395.33	348.83	
		1991.08.09 15:45:00	0:15:00	2,275.50	568.88	1,309.96	327.49	
		1991.08.09 16:00:00	0:15:00	2,576.50	644.13	1,166.04	291.51	
		1991.08.09 16:15:00	0:15:00	2,891.90	722.97	1,071.74	267.94	
		1991.08.09 16:30:00	0:15:00	3,206.80	801.70	936.01	234.00	
		1991.08.09 16:45:00	0:15:00	3,619.21	904.80	784.39	196.10	
		1991.08.09 17:00:00	0:15:00	4,165.14	1,041.28	529.30	132.32	
		1991.08.09 17:15:00	0:15:00	9:00:00 4,851.76	1,212.94	223.33	55.83	11,426.46
16-Aug	26-May	1991.08.16 08:15:00	0:15:00	3,362.88	840.72	76.68	19.17	
		1991.08.16 08:30:00	0:15:00	2,070.78	517.70	319.86	79.97	
		1991.08.16 08:45:00	0:15:00	1,203.76	300.94	550.89	137.72	
		1991.08.16 09:00:00	0:15:00	670.74	167.69	704.49	176.12	
		1991.08.16 09:15:00	0:15:00	394.55	98.64	892.33	223.08	
		1991.08.16 09:30:00	0:15:00	409.69	102.42	1,053.38	263.35	
		1991.08.16 09:45:00	0:15:00	427.80	106.95	1,217.16	304.29	
		1991.08.16 10:00:00	0:15:00	446.42	111.60	1,342.72	335.68	
		1991.08.16 10:15:00	0:15:00	460.81	115.20	1,472.75	368.19	
		1991.08.16 10:30:00	0:15:00	472.97	118.24	1,542.73	385.68	
		1991.08.16 10:45:00	0:15:00	486.62	121.65	1,593.60	398.40	
		1991.08.16 11:00:00	0:15:00	491.33	122.83	1,619.16	404.79	
		1991.08.16 11:15:00	0:15:00	481.40	120.35	1,669.78	417.44	
		1991.08.16 11:30:00	0:15:00	467.26	116.82	1,690.62	422.66	
		1991.08.16 11:45:00	0:15:00	448.90	112.22	1,749.43	437.36	
		1991.08.16 12:00:00	0:15:00	434.26	108.56	1,775.74	443.93	
		1991.08.16 12:15:00	0:15:00	418.62	104.66	1,851.17	462.79	
		1991.08.16 12:30:00	0:15:00	398.28	99.57	1,887.40	471.85	
		1991.08.16 12:45:00	0:15:00	368.99	92.25	1,971.77	492.94	
		1991.08.16 13:00:00	0:15:00	338.22	84.56	1,999.81	499.95	
		1991.08.16 13:15:00	0:15:00	336.98	84.25	2,068.55	517.14	
		1991.08.16 13:30:00	0:15:00	381.90	95.47	2,093.36	523.34	
		1991.08.16 13:45:00	0:15:00	456.34	114.09	2,082.20	520.55	
		1991.08.16 14:00:00	0:15:00	577.44	144.36	2,020.41	505.10	
		1991.08.16 14:15:00	0:15:00	812.93	203.23	2,003.78	500.95	
		1991.08.16 14:30:00	0:15:00	1,061.82	265.46	1,923.13	480.78	
		1991.08.16 14:45:00	0:15:00	1,323.61	330.90	1,932.32	483.08	
		1991.08.16 15:00:00	0:15:00	1,571.01	392.75	1,893.11	473.28	
		1991.08.16 15:15:00	0:15:00	1,831.07	457.77	1,829.09	457.27	
		1991.08.16 15:30:00	0:15:00	2,120.91	530.23	1,720.90	430.22	
		1991.08.16 15:45:00	0:15:00	2,429.85	607.46	1,647.44	411.86	
		1991.08.16 16:00:00	0:15:00	2,750.45	687.61	1,489.13	372.28	
		1991.08.16 16:15:00	0:15:00	3,093.39	773.35	1,356.62	339.15	
		1991.08.16 16:30:00	0:15:00	3,462.14	865.53	1,197.80	299.45	
		1991.08.16 16:45:00	0:15:00	3,968.11	992.03	1,053.88	263.47	
		1991.08.16 17:00:00	0:15:00	4,537.60	1,134.40	840.97	210.24	

Date	Mirror	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	New SFHR Total/day
		1991.08.16 17:15:00	0:15:00	5,262.94	1,315.73	598.28	149.57	13,732.17
		1991.08.16 17:30:00	0:15:00	9:30:00 6,166.93	1,541.73	196.28	49.07	
23-Aug	19-Apr	1991.08.23 08:00:00	0:15:00	6,190.51	1,547.63	78.91	19.73	
		1991.08.23 08:15:00	0:15:00	4,149.50	1,037.38	329.29	82.32	
		1991.08.23 08:30:00	0:15:00	2,609.51	652.38	553.61	138.40	
		1991.08.23 08:45:00	0:15:00	1,528.09	382.02	761.31	190.33	
		1991.08.23 09:00:00	0:15:00	849.90	212.48	968.02	242.01	
		1991.08.23 09:15:00	0:15:00	460.81	115.20	1,158.84	289.71	
		1991.08.23 09:30:00	0:15:00	439.47	109.87	1,321.38	330.35	
		1991.08.23 09:45:00	0:15:00	460.31	115.08	1,478.70	369.68	
		1991.08.23 10:00:00	0:15:00	475.95	118.99	1,609.48	402.37	
		1991.08.23 10:15:00	0:15:00	486.86	121.72	1,747.94	436.99	
		1991.08.23 10:30:00	0:15:00	500.02	125.00	1,808.49	452.12	
		1991.08.23 10:45:00	0:15:00	516.89	129.22	1,860.60	465.15	
		1991.08.23 11:00:00	0:15:00	526.32	131.58	1,874.75	468.69	
		1991.08.23 11:15:00	0:15:00	504.98	126.24	1,916.43	479.11	
		1991.08.23 11:30:00	0:15:00	487.61	121.90	1,921.89	480.47	
		1991.08.23 11:45:00	0:15:00	471.97	117.99	1,977.48	494.37	
		1991.08.23 12:00:00	0:15:00	456.34	114.09	2,009.74	502.43	
		1991.08.23 12:15:00	0:15:00	441.45	110.36	2,084.68	521.17	
		1991.08.23 12:30:00	0:15:00	419.62	104.90	2,129.84	532.46	
		1991.08.23 12:45:00	0:15:00	390.09	97.52	2,218.18	554.55	
		1991.08.23 13:00:00	0:15:00	360.06	90.02	2,259.62	564.91	
		1991.08.23 13:15:00	0:15:00	364.53	91.13	2,341.26	585.32	
		1991.08.23 13:30:00	0:15:00	418.38	104.59	2,357.64	589.41	
		1991.08.23 13:45:00	0:15:00	497.04	124.26	2,347.71	586.93	
		1991.08.23 14:00:00	0:15:00	660.07	165.02	2,289.40	572.35	
		1991.08.23 14:15:00	0:15:00	910.95	227.74	2,271.53	567.88	
		1991.08.23 14:30:00	0:15:00	1,167.78	291.94	2,216.94	554.24	
		1991.08.23 14:45:00	0:15:00	1,439.25	359.81	2,239.77	559.94	
		1991.08.23 15:00:00	0:15:00	1,691.37	422.84	2,220.66	555.17	
		1991.08.23 15:15:00	0:15:00	1,986.16	496.54	2,178.73	544.68	
		1991.08.23 15:30:00	0:15:00	2,294.11	573.53	2,109.49	527.37	
		1991.08.23 15:45:00	0:15:00	2,628.37	657.09	2,050.68	512.67	
		1991.08.23 16:00:00	0:15:00	2,977.01	744.25	1,889.63	472.41	
		1991.08.23 16:15:00	0:15:00	3,346.75	836.69	1,764.57	441.14	
		1991.08.23 16:30:00	0:15:00	3,789.19	947.30	1,570.27	392.57	
		1991.08.23 16:45:00	0:15:00	4,356.95	1,089.24	1,443.47	360.87	
		1991.08.23 17:00:00	0:15:00	4,999.16	1,249.79	1,180.43	295.11	
		1991.08.23 17:15:00	0:15:00	5,810.35	1,452.59	930.05	232.51	
		1991.08.23 17:30:00	0:15:00	6,849.34	1,712.33	644.93	161.23	
		1991.08.23 17:45:00	0:15:00	10:00:00 8,159.05	2,039.76	177.43	44.36	16,573.45
30-Aug	12-Apr	1991.08.30 07:37:48	0:03:36	12,432.38	745.94	3.47	0.21	
		1991.08.30 07:45:00	0:11:24	10,886.68	2,068.47	84.37	16.03	
		1991.08.30 08:00:00	0:15:00	7,408.66	1,852.16	324.58	81.14	
		1991.08.30 08:15:00	0:15:00	5,019.26	1,254.81	574.46	143.62	
		1991.08.30 08:30:00	0:15:00	3,225.65	806.41	782.65	195.66	
		1991.08.30 08:45:00	0:15:00	1,913.21	478.30	1,031.79	257.95	
		1991.08.30 09:00:00	0:15:00	1,060.58	265.14	1,257.61	314.40	
		1991.08.30 09:15:00	0:15:00	579.92	144.98	1,453.64	363.41	
		1991.08.30 09:30:00	0:15:00	482.15	120.54	1,616.18	404.04	
		1991.08.30 09:45:00	0:15:00	489.59	122.40	1,779.21	444.80	
		1991.08.30 10:00:00	0:15:00	507.21	126.80	1,904.77	476.19	
		1991.08.30 10:15:00	0:15:00	528.30	132.08	2,029.09	507.27	
		1991.08.30 10:30:00	0:15:00	537.49	134.37	2,109.99	527.50	
		1991.08.30 10:45:00	0:15:00	539.72	134.93	2,177.98	544.50	
		1991.08.30 11:00:00	0:15:00	545.92	136.48	2,168.05	542.01	
		1991.08.30 11:15:00	0:15:00	532.52	133.13	2,185.92	546.48	
		1991.08.30 11:30:00	0:15:00	512.92	128.23	2,186.67	546.67	

Date	Mirror	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	New SFHR Total/day
		1991.08.30 11:45:00	0:15:00	499.77	124.94	2,243.74	560.94	19,892.76
		1991.08.30 12:00:00	0:15:00	481.90	120.48	2,272.52	568.13	
		1991.08.30 12:15:00	0:15:00	469.00	117.25	2,350.94	587.74	
		1991.08.30 12:30:00	0:15:00	443.69	110.92	2,393.37	598.34	
		1991.08.30 12:45:00	0:15:00	414.40	103.60	2,483.20	620.80	
		1991.08.30 13:00:00	0:15:00	384.13	96.03	2,532.58	633.15	
		1991.08.30 13:15:00	0:15:00	397.53	99.38	2,629.36	657.34	
		1991.08.30 13:30:00	0:15:00	458.57	114.64	2,643.01	660.75	
		1991.08.30 13:45:00	0:15:00	541.95	135.49	2,640.53	660.13	
		1991.08.30 14:00:00	0:15:00	749.65	187.41	2,592.14	648.03	
		1991.08.30 14:15:00	0:15:00	1,017.15	254.29	2,582.96	645.74	
		1991.08.30 14:30:00	0:15:00	1,300.54	325.13	2,596.36	649.09	
		1991.08.30 14:45:00	0:15:00	1,577.47	394.37	2,632.34	658.08	
		1991.08.30 15:00:00	0:15:00	1,841.00	460.25	2,557.40	639.35	
		1991.08.30 15:15:00	0:15:00	2,164.33	541.08	2,500.82	625.21	
		1991.08.30 15:30:00	0:15:00	2,504.54	626.14	2,429.85	607.46	
		1991.08.30 15:45:00	0:15:00	2,864.11	716.03	2,397.34	599.34	
		1991.08.30 16:00:00	0:15:00	3,234.34	808.59	2,356.15	589.04	
		1991.08.30 16:15:00	0:15:00	3,663.38	915.85	2,251.18	562.80	
		1991.08.30 16:30:00	0:15:00	4,177.54	1,044.39	2,140.01	535.00	
		1991.08.30 16:45:00	0:15:00	4,804.36	1,201.09	1,962.34	490.59	
		1991.08.30 17:00:00	0:15:00	5,540.12	1,385.03	1,590.37	397.59	
		1991.08.30 17:15:00	0:15:00	6,467.69	1,616.92	1,339.00	334.75	
		1991.08.30 17:30:00	0:15:00	7,655.56	1,913.89	1,021.37	255.34	
		1991.08.30 17:45:00	0:15:00	9,190.35	2,297.59	688.11	172.03	
		1991.08.30 18:00:00	0:15:00	11,358.40	2,839.60	96.53	24.13	
6-Sep	5-Apr	1991.09.06 07:44:24	0:07:48	12,750.01	1,657.50	208.20	27.07	19,892.76
		1991.09.06 08:00:00	0:15:00	8,870.74	2,217.68	528.06	132.01	
		1991.09.06 08:15:00	0:15:00	6,034.17	1,508.54	780.17	195.04	
		1991.09.06 08:30:00	0:15:00	3,962.90	990.72	1,047.18	261.79	
		1991.09.06 08:45:00	0:15:00	2,397.09	599.27	1,311.21	327.80	
		1991.09.06 09:00:00	0:15:00	1,342.22	335.56	1,563.82	390.96	
		1991.09.06 09:15:00	0:15:00	767.27	191.82	1,771.77	442.94	
		1991.09.06 09:30:00	0:15:00	523.34	130.84	1,937.28	484.32	
		1991.09.06 09:45:00	0:15:00	527.81	131.95	2,108.75	527.19	
		1991.09.06 10:00:00	0:15:00	537.98	134.50	2,234.56	558.64	
		1991.09.06 10:15:00	0:15:00	561.56	140.39	2,360.12	590.03	
		1991.09.06 10:30:00	0:15:00	571.73	142.93	2,442.26	610.56	
		1991.09.06 10:45:00	0:15:00	585.63	146.41	2,516.20	629.05	
		1991.09.06 11:00:00	0:15:00	591.09	147.77	2,485.68	621.42	
		1991.09.06 11:15:00	0:15:00	574.71	143.68	2,493.37	623.34	
		1991.09.06 11:30:00	0:15:00	555.10	138.78	2,486.67	621.67	
		1991.09.06 11:45:00	0:15:00	539.72	134.93	2,534.32	633.58	
		1991.09.06 12:00:00	0:15:00	523.34	130.84	2,566.33	641.58	
		1991.09.06 12:15:00	0:15:00	506.96	126.74	2,639.78	659.95	
		1991.09.06 12:30:00	0:15:00	484.13	121.03	2,670.05	667.51	
		1991.09.06 12:45:00	0:15:00	452.62	113.16	2,753.68	688.42	
		1991.09.06 13:00:00	0:15:00	425.32	106.33	2,792.89	698.22	
		1991.09.06 13:15:00	0:15:00	454.85	113.71	2,894.13	723.53	
		1991.09.06 13:30:00	0:15:00	512.42	128.11	2,891.15	722.79	
		1991.09.06 13:45:00	0:15:00	606.72	151.68	2,881.72	720.43	
		1991.09.06 14:00:00	0:15:00	854.37	213.59	2,835.57	708.89	
		1991.09.06 14:15:00	0:15:00	1,135.77	283.94	2,845.99	711.50	
		1991.09.06 14:30:00	0:15:00	1,433.79	358.45	2,922.42	730.61	
		1991.09.06 14:45:00	0:15:00	1,728.09	432.02	2,981.23	745.31	
		1991.09.06 15:00:00	0:15:00	2,037.78	509.44	2,920.93	730.23	
		1991.09.06 15:15:00	0:15:00	2,385.18	596.30	2,952.69	738.17	
		1991.09.06 15:30:00	0:15:00	2,739.29	684.82	2,925.65	731.41	
		1991.09.06 15:45:00	0:15:00	3,131.86	782.96	2,864.11	716.03	

Date	Mirror	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	New SFHR Total/day
		1991.09.06 16:00:00	0:15:00	3,541.79	885.45	2,796.86	699.21	
		1991.09.06 16:15:00	0:15:00	4,025.93	1,006.48	2,816.46	704.12	
		1991.09.06 16:30:00	0:15:00	4,615.03	1,153.76	2,841.77	710.44	
		1991.09.06 16:45:00	0:15:00	5,319.26	1,329.82	2,514.47	628.62	
		1991.09.06 17:00:00	0:15:00	6,171.65	1,542.91	2,064.33	516.08	
		1991.09.06 17:15:00	0:15:00	7,268.70	1,817.18	1,766.06	441.51	
		1991.09.06 17:30:00	0:15:00	8,594.80	2,148.70	1,477.96	369.49	
		1991.09.06 17:45:00	0:15:00	10,462.10	2,615.52	1,041.72	260.43	
		1991.09.06 18:00:00	0:15:00	10:22:48 12,430.64	3,107.66	610.44	152.61	23,494.51
13-Sep	29-Mar	1991.09.13 07:50:24	0:04:48	12,660.43	1,012.83	404.48	32.36	
		1991.09.13 08:00:00	0:12:36	10,358.12	2,175.21	656.35	137.83	
		1991.09.13 08:15:00	0:15:00	7,141.40	1,785.35	1,000.03	250.01	
		1991.09.13 08:30:00	0:15:00	4,773.84	1,193.46	1,305.99	326.50	
		1991.09.13 08:45:00	0:15:00	2,970.06	742.52	1,614.94	403.73	
		1991.09.13 09:00:00	0:15:00	1,696.33	424.08	1,840.50	460.13	
		1991.09.13 09:15:00	0:15:00	962.31	240.58	2,024.38	506.09	
		1991.09.13 09:30:00	0:15:00	577.44	144.36	2,173.27	543.32	
		1991.09.13 09:45:00	0:15:00	577.44	144.36	2,331.58	582.90	
		1991.09.13 10:00:00	0:15:00	582.15	145.54	2,467.57	616.89	
		1991.09.13 10:15:00	0:15:00	599.03	149.76	2,587.17	646.79	
		1991.09.13 10:30:00	0:15:00	599.77	149.94	2,687.18	671.79	
		1991.09.13 10:45:00	0:15:00	613.17	153.29	2,779.74	694.93	
		1991.09.13 11:00:00	0:15:00	613.67	153.42	2,768.32	692.08	
		1991.09.13 11:15:00	0:15:00	600.02	150.00	2,776.51	694.13	
		1991.09.13 11:30:00	0:15:00	577.69	144.42	2,770.80	692.70	
		1991.09.13 11:45:00	0:15:00	563.29	140.82	2,824.65	706.16	
		1991.09.13 12:00:00	0:15:00	542.20	135.55	2,869.07	717.27	
		1991.09.13 12:15:00	0:15:00	528.55	132.14	2,952.20	738.05	
		1991.09.13 12:30:00	0:15:00	500.51	125.13	2,989.17	747.29	
		1991.09.13 12:45:00	0:15:00	472.22	118.06	3,079.00	769.75	
		1991.09.13 13:00:00	0:15:00	451.38	112.85	3,132.35	783.09	
		1991.09.13 13:15:00	0:15:00	496.04	124.01	3,249.23	812.31	
		1991.09.13 13:30:00	0:15:00	577.44	144.36	3,196.13	799.03	
		1991.09.13 13:45:00	0:15:00	713.17	178.29	3,172.80	793.20	
		1991.09.13 14:00:00	0:15:00	995.07	248.77	3,094.63	773.66	
		1991.09.13 14:15:00	0:15:00	1,295.82	323.96	3,141.53	785.38	
		1991.09.13 14:30:00	0:15:00	1,601.78	400.45	3,234.09	808.52	
		1991.09.13 14:45:00	0:15:00	1,908.25	477.06	3,306.30	826.58	
		1991.09.13 15:00:00	0:15:00	2,247.46	561.87	3,325.16	831.29	
		1991.09.13 15:15:00	0:15:00	2,627.87	656.97	3,445.26	861.32	
		1991.09.13 15:30:00	0:15:00	3,028.63	757.16	3,493.90	873.48	
		1991.09.13 15:45:00	0:15:00	3,449.73	862.43	3,543.03	885.76	
		1991.09.13 16:00:00	0:15:00	3,899.62	974.91	3,490.67	872.67	
		1991.09.13 16:15:00	0:15:00	4,441.08	1,110.27	3,571.32	892.83	
		1991.09.13 16:30:00	0:15:00	5,096.93	1,274.23	3,358.91	839.73	
		1991.09.13 16:45:00	0:15:00	5,900.42	1,475.11	2,928.13	732.03	
		1991.09.13 17:00:00	0:15:00	6,903.43	1,725.86	2,482.21	620.55	
		1991.09.13 17:15:00	0:15:00	8,144.41	2,036.10	2,238.53	559.63	
		1991.09.13 17:30:00	0:15:00	9,743.71	2,435.93	1,839.26	459.82	
		1991.09.13 17:45:00	0:15:00	11,694.64	2,923.66	1,386.39	346.60	
		1991.09.13 18:00:00	0:15:00	13,276.08	3,319.02	902.76	225.69	
		1991.09.13 18:15:00	0:10:48	14,042.85	2,527.71	385.62	69.41	
		1991.09.13 18:21:00	0:03:00	10:31:12 14,399.44	719.97	180.90	9.05	27,092.31
20-Sep	22-Mar	1991.09.20 07:57:00	0:01:12	12,414.26	248.29	464.53	9.29	
		1991.09.20 08:00:00	0:09:00	11,638.56	1,745.78	615.90	92.39	
		1991.09.20 08:15:00	0:15:00	8,310.92	2,077.73	1,117.90	279.48	
		1991.09.20 08:30:00	0:15:00	5,662.45	1,415.61	1,523.87	380.97	
		1991.09.20 08:45:00	0:15:00	3,642.04	910.51	1,812.96	453.24	
		1991.09.20 09:00:00	0:15:00	2,121.90	530.48	2,047.21	511.80	

Date	Mirror	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	New SFHR Total/day
		1991.09.20 09:15:00	0:15:00	1,210.21	302.55	2,213.96	553.49	
		1991.09.20 09:30:00	0:15:00	703.74	175.94	2,372.78	593.19	
		1991.09.20 09:45:00	0:15:00	631.53	157.88	2,530.84	632.71	
		1991.09.20 10:00:00	0:15:00	640.96	160.24	2,656.65	664.16	
		1991.09.20 10:15:00	0:15:00	647.17	161.79	2,789.41	697.35	
		1991.09.20 10:30:00	0:15:00	644.68	161.17	2,897.11	724.28	
		1991.09.20 10:45:00	0:15:00	651.88	162.97	3,002.32	750.58	
		1991.09.20 11:00:00	0:15:00	657.34	164.34	3,026.39	756.60	
		1991.09.20 11:15:00	0:15:00	641.46	160.37	3,069.57	767.39	
		1991.09.20 11:30:00	0:15:00	620.37	155.09	3,085.70	771.43	
		1991.09.20 11:45:00	0:15:00	602.00	150.50	3,167.84	791.96	
		1991.09.20 12:00:00	0:15:00	587.36	146.84	3,233.60	808.40	
		1991.09.20 12:15:00	0:15:00	570.49	142.62	3,337.32	834.33	
		1991.09.20 12:30:00	0:15:00	544.43	136.11	3,399.85	849.96	
		1991.09.20 12:45:00	0:15:00	517.63	129.41	3,513.50	878.38	
		1991.09.20 13:00:00	0:15:00	496.54	124.14	3,584.23	896.06	
		1991.09.20 13:15:00	0:15:00	553.61	138.40	3,703.58	925.90	
		1991.09.20 13:30:00	0:15:00	630.54	157.64	3,630.63	907.66	
		1991.09.20 13:45:00	0:15:00	829.55	207.39	3,597.87	899.47	
		1991.09.20 14:00:00	0:15:00	1,126.34	281.58	3,518.72	879.68	
		1991.09.20 14:15:00	0:15:00	1,456.12	364.03	3,620.70	905.18	
		1991.09.20 14:30:00	0:15:00	1,779.46	444.86	3,717.23	929.31	
		1991.09.20 14:45:00	0:15:00	2,126.61	531.65	3,791.43	947.86	
		1991.09.20 15:00:00	0:15:00	2,508.51	627.13	3,885.97	971.49	
		1991.09.20 15:15:00	0:15:00	2,922.67	730.67	4,067.12	1,016.78	
		1991.09.20 15:30:00	0:15:00	3,347.00	836.75	4,192.43	1,048.11	
		1991.09.20 15:45:00	0:15:00	3,801.35	950.34	4,338.59	1,084.65	
		1991.09.20 16:00:00	0:15:00	4,295.91	1,073.98	4,396.16	1,099.04	
		1991.09.20 16:15:00	0:15:00	4,925.46	1,231.36	4,523.71	1,130.93	
		1991.09.20 16:30:00	0:15:00	5,648.80	1,412.20	4,002.85	1,000.71	
		1991.09.20 16:45:00	0:15:00	6,556.77	1,639.19	3,457.92	864.48	
		1991.09.20 17:00:00	0:15:00	7,700.73	1,925.18	3,021.18	755.30	
		1991.09.20 17:15:00	0:15:00	9,121.86	2,280.47	2,678.74	669.69	
		1991.09.20 17:30:00	0:15:00	11,090.90	2,772.73	2,181.95	545.49	
		1991.09.20 17:45:00	0:15:00	12,477.05	3,119.26	1,650.17	412.54	
		1991.09.20 18:00:00	0:12:36	13,367.89	2,807.26	1,110.70	233.25	
		1991.09.20 18:09:36	0:04:48	10:12:36 13,868.40	1,109.47	744.94	59.60	30,984.51
27-Sep	15-Mar	1991.09.27 08:03:00	0:06:00	12,191.43	1,219.14	493.81	49.38	
		1991.09.27 08:15:00	0:13:12	9,462.07	2,081.66	1,137.26	250.20	
		1991.09.27 08:30:00	0:15:00	6,770.42	1,692.61	1,613.94	403.49	
		1991.09.27 08:45:00	0:15:00	4,434.62	1,108.66	1,963.58	490.90	
		1991.09.27 09:00:00	0:15:00	2,700.08	675.02	2,270.29	567.57	
		1991.09.27 09:15:00	0:15:00	1,521.63	380.41	2,560.87	640.22	
		1991.09.27 09:30:00	0:15:00	874.22	218.56	2,766.58	691.65	
		1991.09.27 09:45:00	0:15:00	683.40	170.85	2,933.59	733.40	
		1991.09.27 10:00:00	0:15:00	686.13	171.53	3,058.16	764.54	
		1991.09.27 10:15:00	0:15:00	692.08	173.02	3,178.51	794.63	
		1991.09.27 10:30:00	0:15:00	694.07	173.52	3,244.76	811.19	
		1991.09.27 10:45:00	0:15:00	698.78	174.70	3,330.62	832.66	
		1991.09.27 11:00:00	0:15:00	701.51	175.38	3,365.11	841.28	
		1991.09.27 11:15:00	0:15:00	686.87	171.72	3,438.07	859.52	
		1991.09.27 11:30:00	0:15:00	665.53	166.38	3,473.30	868.33	
		1991.09.27 11:45:00	0:15:00	644.44	161.11	3,576.78	894.20	
		1991.09.27 12:00:00	0:15:00	624.09	156.02	3,655.69	913.92	
		1991.09.27 12:15:00	0:15:00	607.21	151.80	3,787.21	946.80	
		1991.09.27 12:30:00	0:15:00	573.71	143.43	3,881.26	970.31	
		1991.09.27 12:45:00	0:15:00	544.43	136.11	4,027.91	1,006.98	
		1991.09.27 13:00:00	0:15:00	542.45	135.61	4,113.77	1,028.44	
		1991.09.27 13:15:00	0:15:00	612.43	153.11	4,189.70	1,047.43	

Date	Mirror	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	New SFHR Total/day
		1991.09.27 13:30:00	0:15:00	697.54	174.39	4,108.81	1,027.20	35,122.85
		1991.09.27 13:45:00	0:15:00	954.62	238.66	4,054.71	1,013.68	
		1991.09.27 14:00:00	0:15:00	1,266.79	316.70	4,000.12	1,000.03	
		1991.09.27 14:15:00	0:15:00	1,603.52	400.88	4,153.97	1,038.49	
		1991.09.27 14:30:00	0:15:00	1,932.07	483.02	4,261.91	1,065.48	
		1991.09.27 14:45:00	0:15:00	2,312.23	578.06	4,408.07	1,102.02	
		1991.09.27 15:00:00	0:15:00	2,709.01	677.25	4,572.34	1,143.09	
		1991.09.27 15:15:00	0:15:00	3,150.47	787.62	4,822.72	1,205.68	
		1991.09.27 15:30:00	0:15:00	3,616.98	904.25	5,016.53	1,254.13	
		1991.09.27 15:45:00	0:15:00	4,123.20	1,030.80	5,233.16	1,308.29	
		1991.09.27 16:00:00	0:15:00	4,689.72	1,172.43	5,492.47	1,373.12	
		1991.09.27 16:15:00	0:15:00	5,376.34	1,344.09	5,251.52	1,312.88	
		1991.09.27 16:30:00	0:15:00	6,228.47	1,557.12	4,610.31	1,152.58	
		1991.09.27 16:45:00	0:15:00	7,305.43	1,826.36	4,022.20	1,005.55	
		1991.09.27 17:00:00	0:15:00	8,635.74	2,158.94	3,500.35	875.09	
		1991.09.27 17:15:00	0:15:00	10,365.32	2,591.33	3,034.58	758.65	
		1991.09.27 17:30:00	0:15:00	11,867.10	2,966.78	2,401.56	600.39	
		1991.09.27 17:45:00	0:13:48	12,938.60	2,975.88	1,605.26	369.21	
		1991.09.27 17:58:11	0:06:36	9:54:36 13,643.33	1,500.77	1,002.76	110.30	
4-Oct	8-Mar	1991.10.04 08:09:36	0:02:24	12,082.49	483.30	469.99	18.80	39,055.04
		1991.10.04 08:15:00	0:10:12	10,675.75	1,814.88	949.90	161.48	
		1991.10.04 08:30:00	0:15:00	7,873.44	1,968.36	1,608.73	402.18	
		1991.10.04 08:45:00	0:15:00	5,319.02	1,329.75	2,075.25	518.81	
		1991.10.04 09:00:00	0:15:00	3,329.13	832.28	2,551.69	637.92	
		1991.10.04 09:15:00	0:15:00	1,947.95	486.99	2,926.89	731.72	
		1991.10.04 09:30:00	0:15:00	1,105.49	276.37	3,164.36	791.09	
		1991.10.04 09:45:00	0:15:00	747.91	186.98	3,353.45	838.36	
		1991.10.04 10:00:00	0:15:00	741.96	185.49	3,478.02	869.51	
		1991.10.04 10:15:00	0:15:00	746.92	186.73	3,605.57	901.39	
		1991.10.04 10:30:00	0:15:00	743.70	185.92	3,687.21	921.80	
		1991.10.04 10:45:00	0:15:00	746.92	186.73	3,751.23	937.81	
		1991.10.04 11:00:00	0:15:00	748.91	187.23	3,769.09	942.27	
		1991.10.04 11:15:00	0:15:00	732.78	183.19	3,838.58	959.64	
		1991.10.04 11:30:00	0:15:00	707.22	176.80	3,895.15	973.79	
		1991.10.04 11:45:00	0:15:00	686.37	171.59	4,017.49	1,004.37	
		1991.10.04 12:00:00	0:15:00	665.28	166.32	4,135.11	1,033.78	
		1991.10.04 12:15:00	0:15:00	648.16	162.04	4,287.72	1,071.93	
		1991.10.04 12:30:00	0:15:00	614.91	153.73	4,394.67	1,098.67	
		1991.10.04 12:45:00	0:15:00	587.61	146.90	4,550.76	1,137.69	
		1991.10.04 13:00:00	0:15:00	592.33	148.08	4,650.01	1,162.50	
		1991.10.04 13:15:00	0:15:00	672.48	168.12	4,719.00	1,179.75	
		1991.10.04 13:30:00	0:15:00	787.62	196.90	4,615.03	1,153.76	
		1991.10.04 13:45:00	0:15:00	1,079.44	269.86	4,534.63	1,133.66	
		1991.10.04 14:00:00	0:15:00	1,401.28	350.32	4,542.57	1,135.64	
		1991.10.04 14:15:00	0:15:00	1,737.77	434.44	4,746.54	1,186.64	
		1991.10.04 14:30:00	0:15:00	2,086.17	521.54	4,882.53	1,220.63	
		1991.10.04 14:45:00	0:15:00	2,483.95	620.99	5,126.46	1,281.61	
		1991.10.04 15:00:00	0:15:00	2,901.33	725.33	5,354.75	1,338.69	
		1991.10.04 15:15:00	0:15:00	3,360.89	840.22	5,688.75	1,422.19	
		1991.10.04 15:30:00	0:15:00	3,858.92	964.73	5,946.83	1,486.71	
		1991.10.04 15:45:00	0:15:00	4,399.39	1,099.85	6,330.71	1,582.68	
		1991.10.04 16:00:00	0:15:00	5,011.07	1,252.77	6,427.24	1,606.81	
		1991.10.04 16:15:00	0:15:00	5,782.31	1,445.58	5,865.68	1,466.42	
		1991.10.04 16:30:00	0:15:00	6,768.69	1,692.17	5,159.46	1,289.87	
		1991.10.04 16:45:00	0:15:00	8,077.66	2,019.42	4,402.12	1,100.53	
		1991.10.04 17:00:00	0:15:00	9,723.86	2,430.97	3,753.46	938.37	
		1991.10.04 17:15:00	0:15:00	11,353.94	2,838.48	2,999.59	749.90	
		1991.10.04 17:30:00	0:16:12	12,558.69	3,390.85	2,117.43	571.71	
		1991.10.04 17:47:23	0:08:24	9:37:12 14,003.89	1,960.54	671.24	93.97	

Date	Mirror	Date+Time	Duration	ExSF	ExSfHr	NewSF	NewSFHr	New SFHR Total/day
11-Oct	1-Mar	1991.10.11 08:16:11	0:07:12	11,621.19	1,394.54	724.34	86.92	42,856.26
		1991.10.11 08:30:00	0:14:24	8,779.42	2,107.06	1,518.41	364.42	
		1991.10.11 08:45:00	0:15:00	6,216.31	1,554.08	2,213.71	553.43	
		1991.10.11 09:00:00	0:15:00	4,005.58	1,001.39	2,786.44	696.61	
		1991.10.11 09:15:00	0:15:00	2,379.72	594.93	3,273.30	818.33	
		1991.10.11 09:30:00	0:15:00	1,366.29	341.57	3,569.09	892.27	
		1991.10.11 09:45:00	0:15:00	860.08	215.02	3,805.08	951.27	
		1991.10.11 10:00:00	0:15:00	803.50	200.87	3,940.32	985.08	
		1991.10.11 10:15:00	0:15:00	803.99	201.00	4,072.58	1,018.14	
		1991.10.11 10:30:00	0:15:00	803.75	200.94	4,141.56	1,035.39	
		1991.10.11 10:45:00	0:15:00	800.02	200.01	4,203.60	1,050.90	
		1991.10.11 11:00:00	0:15:00	799.28	199.82	4,184.99	1,046.25	
		1991.10.11 11:15:00	0:15:00	783.65	195.91	4,229.16	1,057.29	
		1991.10.11 11:30:00	0:15:00	752.88	188.22	4,270.85	1,067.71	
		1991.10.11 11:45:00	0:15:00	730.54	182.64	4,388.47	1,097.12	
		1991.10.11 12:00:00	0:15:00	708.21	177.05	4,513.04	1,128.26	
		1991.10.11 12:15:00	0:15:00	691.34	172.83	4,674.58	1,168.65	
		1991.10.11 12:30:00	0:15:00	657.84	164.46	4,815.78	1,203.94	
		1991.10.11 12:45:00	0:15:00	629.80	157.45	4,999.40	1,249.85	
		1991.10.11 13:00:00	0:15:00	657.84	164.46	5,147.05	1,286.76	
		1991.10.11 13:15:00	0:15:00	743.94	185.99	5,181.79	1,295.45	
		1991.10.11 13:30:00	0:15:00	895.56	223.89	5,099.16	1,274.79	
		1991.10.11 13:45:00	0:15:00	1,200.28	300.07	5,034.39	1,258.60	
		1991.10.11 14:00:00	0:15:00	1,531.31	382.83	5,131.17	1,282.79	
		1991.10.11 14:15:00	0:15:00	1,873.75	468.44	5,388.99	1,347.25	
		1991.10.11 14:30:00	0:15:00	2,248.70	562.18	5,603.14	1,400.79	
		1991.10.11 14:45:00	0:15:00	2,653.43	663.36	5,933.68	1,483.42	
		1991.10.11 15:00:00	0:15:00	3,087.69	771.92	6,245.84	1,561.46	
		1991.10.11 15:15:00	0:15:00	3,556.43	889.11	6,675.14	1,668.78	
		1991.10.11 15:30:00	0:15:00	4,078.53	1,019.63	7,040.16	1,760.04	
		1991.10.11 15:45:00	0:15:00	4,644.31	1,161.08	7,627.52	1,906.88	
		1991.10.11 16:00:00	0:15:00	5,305.62	1,326.40	7,122.05	1,780.51	
		1991.10.11 16:15:00	0:15:00	6,170.90	1,542.73	6,406.39	1,601.60	
		1991.10.11 16:30:00	0:15:00	7,336.94	1,834.24	5,548.55	1,387.14	
		1991.10.11 16:45:00	0:15:00	8,892.32	2,223.08	4,586.24	1,146.56	
		1991.10.11 17:00:00	0:15:00	10,815.46	2,703.86	3,719.96	929.99	
		1991.10.11 17:15:00	0:15:00	11,900.60	2,975.15	2,737.30	684.33	
		1991.10.11 17:30:00	0:11:24	13,170.37	2,502.37	1,505.75	286.09	
		1991.10.11 17:37:12	0:03:36	9:21:36 13,989.25	839.36	686.87	41.21	
18-Oct	22-Feb	1991.10.18 08:22:48	0:03:36	11,172.04	670.32	1,159.34	69.56	
		1991.10.18 08:30:00	0:10:48	9,684.65	1,743.24	1,552.65	279.48	
		1991.10.18 08:45:00	0:15:00	7,219.07	1,804.77	2,353.92	588.48	
		1991.10.18 09:00:00	0:15:00	4,778.06	1,194.51	3,000.09	750.02	
		1991.10.18 09:15:00	0:15:00	2,908.77	727.19	3,576.78	894.20	
		1991.10.18 09:30:00	0:15:00	1,648.44	412.11	3,948.75	987.19	
		1991.10.18 09:45:00	0:15:00	1,014.17	253.54	4,245.54	1,061.38	
		1991.10.18 10:00:00	0:15:00	870.00	217.50	4,431.40	1,107.85	
		1991.10.18 10:15:00	0:15:00	864.29	216.07	4,588.47	1,147.12	
		1991.10.18 10:30:00	0:15:00	857.84	214.46	4,674.58	1,168.65	
		1991.10.18 10:45:00	0:15:00	857.35	214.34	4,746.05	1,186.51	
		1991.10.18 11:00:00	0:15:00	850.89	212.72	4,693.19	1,173.30	
		1991.10.18 11:15:00	0:15:00	838.98	209.75	4,706.34	1,176.59	
		1991.10.18 11:30:00	0:15:00	803.99	201.00	4,698.65	1,174.66	
		1991.10.18 11:45:00	0:15:00	778.19	194.55	4,799.89	1,199.97	
		1991.10.18 12:00:00	0:15:00	755.11	188.78	4,905.85	1,226.46	
		1991.10.18 12:15:00	0:15:00	737.99	184.50	5,078.56	1,269.64	
		1991.10.18 12:30:00	0:15:00	701.01	175.25	5,224.97	1,306.24	
		1991.10.18 12:45:00	0:15:00	676.70	169.17	5,440.36	1,360.09	
		1991.10.18 13:00:00	0:15:00	717.64	179.41	5,633.17	1,408.29	

Date	Mirror	Date+Time	Duration	ExSF	ExSfHr	NewSF	NewSFHr	New SFHR Total/day
		1991.10.18 13:15:00	0:15:00	810.45	202.61	5,655.01	1,413.75	
		1991.10.18 13:30:00	0:15:00	1,001.02	250.26	5,576.59	1,394.15	
		1991.10.18 13:45:00	0:15:00	1,314.18	328.55	5,577.34	1,394.33	
		1991.10.18 14:00:00	0:15:00	1,654.89	413.72	5,784.79	1,446.20	
		1991.10.18 14:15:00	0:15:00	2,005.77	501.44	6,109.61	1,527.40	
		1991.10.18 14:30:00	0:15:00	2,396.85	599.21	6,408.88	1,602.22	
		1991.10.18 14:45:00	0:15:00	2,810.75	702.69	6,792.01	1,698.00	
		1991.10.18 15:00:00	0:15:00	3,254.69	813.67	7,199.47	1,799.87	
		1991.10.18 15:15:00	0:15:00	3,743.78	935.95	7,729.01	1,932.25	
		1991.10.18 15:30:00	0:15:00	4,281.02	1,070.26	8,311.91	2,077.98	
		1991.10.18 15:45:00	0:15:00	4,862.43	1,215.61	8,523.33	2,130.83	
		1991.10.18 16:00:00	0:15:00	5,607.86	1,401.97	7,750.85	1,937.71	
		1991.10.18 16:15:00	0:15:00	6,596.72	1,649.18	6,909.63	1,727.41	
		1991.10.18 16:30:00	0:15:00	7,968.72	1,992.18	5,659.47	1,414.87	
		1991.10.18 16:45:00	0:15:00	9,795.33	2,448.83	4,608.82	1,152.21	
		1991.10.18 17:00:00	0:15:00	11,160.38	2,790.10	3,515.74	878.93	
		1991.10.18 17:15:00	0:13:12	12,240.56	2,692.92	2,435.56	535.82	
		1991.10.18 17:27:00	0:06:00	9:03:36	13,822.49	1,382.25	853.62	46,684.98
25-Oct	15-Feb	1991.10.25 07:30:00	0:07:48		10,870.05	1,413.11	1,695.83	
		1991.10.25 07:45:00	0:15:00		8,025.05	2,006.26	2,543.00	
		1991.10.25 08:00:00	0:15:00		5,561.21	1,390.30	3,234.09	
		1991.10.25 08:15:00	0:15:00		3,557.92	889.48	3,846.02	
		1991.10.25 08:30:00	0:15:00		2,061.60	515.40	4,302.11	
		1991.10.25 08:45:00	0:15:00		1,215.92	303.98	4,660.93	
		1991.10.25 09:00:00	0:15:00		933.78	233.44	4,905.36	
		1991.10.25 09:15:00	0:15:00		929.31	232.33	5,097.42	
		1991.10.25 09:30:00	0:15:00		920.13	230.03	5,201.89	
		1991.10.25 09:45:00	0:15:00		913.43	228.36	5,325.47	
		1991.10.25 10:00:00	0:15:00		907.72	226.93	5,281.05	
		1991.10.25 10:15:00	0:15:00		895.31	223.83	5,291.47	
		1991.10.25 10:30:00	0:15:00		861.32	215.33	5,276.34	
		1991.10.25 10:45:00	0:15:00		830.55	207.64	5,381.80	
		1991.10.25 11:00:00	0:15:00		802.51	200.63	5,484.03	
		1991.10.25 11:15:00	0:15:00		785.63	196.41	5,661.71	
		1991.10.25 11:30:00	0:15:00		750.64	187.66	5,796.45	
		1991.10.25 11:45:00	0:15:00		730.54	182.64	6,044.60	
		1991.10.25 12:00:00	0:15:00		778.44	194.61	6,236.17	
		1991.10.25 12:15:00	0:15:00		877.20	219.30	6,258.00	
		1991.10.25 12:30:00	0:15:00		1,100.78	275.19	6,160.73	
		1991.10.25 12:45:00	0:15:00		1,424.11	356.03	6,213.09	
		1991.10.25 13:00:00	0:15:00		1,764.07	441.02	6,443.12	
		1991.10.25 13:15:00	0:15:00		2,135.80	533.95	6,745.11	
		1991.10.25 13:30:00	0:15:00		2,531.09	632.77	7,000.21	
		1991.10.25 13:45:00	0:15:00		2,950.21	737.55	7,380.12	
		1991.10.25 14:00:00	0:15:00		3,406.06	851.51	7,952.84	
		1991.10.25 14:15:00	0:15:00		3,901.11	975.28	8,758.32	
		1991.10.25 14:30:00	0:15:00		4,442.32	1,110.58	9,769.02	
		1991.10.25 14:45:00	0:15:00		5,060.94	1,265.24	9,211.19	
		1991.10.25 15:00:00	0:15:00		5,887.77	1,471.94	8,321.84	
		1991.10.25 15:15:00	0:15:00		7,060.26	1,765.07	7,082.10	
		1991.10.25 15:30:00	0:15:00		8,590.08	2,147.52	5,663.69	
		1991.10.25 15:45:00	0:15:00		10,256.38	2,564.10	4,419.73	
		1991.10.25 16:00:00	0:15:00		11,499.85	2,874.96	3,176.27	
		1991.10.25 16:15:00	0:09:00		13,115.77	1,967.37	1,560.34	
		1991.10.25 16:18:00	0:01:48	8:48:36	13,602.64	408.08	1,073.48	50,518.04
1-Nov	8-Feb	1991.11.01 07:36:35	0:04:12		11,353.94	794.78	1,537.52	
		1991.11.01 07:45:00	0:11:24		9,157.34	1,739.90	2,438.29	
		1991.11.01 08:00:00	0:15:00		6,341.13	1,585.28	3,514.50	
		1991.11.01 08:15:00	0:15:00		4,206.08	1,051.52	4,099.38	

Date	Mirror	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	New SFHR Total/day
		1991.11.01 08:30:00	0:15:00	2,513.47	628.37	4,610.06	1,152.52	
		1991.11.01 08:45:00	0:15:00	1,465.55	366.39	5,037.37	1,259.34	
		1991.11.01 09:00:00	0:15:00	1,030.30	257.58	5,348.79	1,337.20	
		1991.11.01 09:15:00	0:15:00	993.83	248.46	5,594.96	1,398.74	
		1991.11.01 09:30:00	0:15:00	981.67	245.42	5,723.25	1,430.81	
		1991.11.01 09:45:00	0:15:00	973.48	243.37	5,873.62	1,468.41	
		1991.11.01 10:00:00	0:15:00	962.81	240.70	5,870.15	1,467.54	
		1991.11.01 10:15:00	0:15:00	953.38	238.35	5,883.80	1,470.95	
		1991.11.01 10:30:00	0:15:00	915.41	228.85	5,872.13	1,468.03	
		1991.11.01 10:45:00	0:15:00	885.14	221.28	5,967.42	1,491.86	
		1991.11.01 11:00:00	0:15:00	855.86	213.96	6,083.31	1,520.83	
		1991.11.01 11:15:00	0:15:00	836.01	209.00	6,286.29	1,571.57	
		1991.11.01 11:30:00	0:15:00	802.51	200.63	6,436.42	1,609.11	
		1991.11.01 11:45:00	0:15:00	785.14	196.28	6,724.52	1,681.13	
		1991.11.01 12:00:00	0:15:00	840.72	210.18	6,909.14	1,727.28	
		1991.11.01 12:15:00	0:15:00	944.20	236.05	6,934.95	1,733.74	
		1991.11.01 12:30:00	0:15:00	1,187.13	296.78	6,804.92	1,701.23	
		1991.11.01 12:45:00	0:15:00	1,517.91	379.48	6,925.02	1,731.26	
		1991.11.01 13:00:00	0:15:00	1,859.86	464.96	7,105.42	1,776.36	
		1991.11.01 13:15:00	0:15:00	2,245.48	561.37	7,352.08	1,838.02	
		1991.11.01 13:30:00	0:15:00	2,640.03	660.01	7,562.26	1,890.57	
		1991.11.01 13:45:00	0:15:00	3,068.58	767.14	7,968.97	1,992.24	
		1991.11.01 14:00:00	0:15:00	3,524.92	881.23	8,705.22	2,176.31	
		1991.11.01 14:15:00	0:15:00	4,029.40	1,007.35	9,641.48	2,410.37	
		1991.11.01 14:30:00	0:15:00	4,570.36	1,142.59	10,094.84	2,523.71	
		1991.11.01 14:45:00	0:15:00	5,243.08	1,310.77	9,433.03	2,358.26	
		1991.11.01 15:00:00	0:15:00	6,171.90	1,542.97	8,498.52	2,124.63	
		1991.11.01 15:15:00	0:15:00	7,484.34	1,871.09	7,056.54	1,764.13	
		1991.11.01 15:30:00	0:15:00	9,149.65	2,287.41	5,478.57	1,369.64	
		1991.11.01 15:45:00	0:15:00	10,472.77	2,618.19	4,203.35	1,050.84	
		1991.11.01 16:00:00	0:12:36	11,890.92	2,497.09	2,785.19	584.89	
		1991.11.01 16:10:12	0:05:24	8:33:36	13,398.16	1,205.84	1,277.95	115.02
8-Nov	1-Feb	1991.11.08 07:43:48	0:00:36	11,964.38	119.64	1,216.66	12.17	
		1991.11.08 07:45:00	0:07:48	11,771.81	1,530.34	1,251.90	162.75	
		1991.11.08 08:00:00	0:15:00	7,892.29	1,973.07	3,082.47	770.62	
		1991.11.08 08:15:00	0:15:00	4,875.08	1,218.77	4,326.43	1,081.61	
		1991.11.08 08:30:00	0:15:00	3,038.06	759.51	4,858.46	1,214.61	
		1991.11.08 08:45:00	0:15:00	1,790.87	447.72	5,344.58	1,336.14	
		1991.11.08 09:00:00	0:15:00	1,182.17	295.54	5,748.31	1,437.08	
		1991.11.08 09:15:00	0:15:00	1,064.55	266.14	6,050.30	1,512.58	
		1991.11.08 09:30:00	0:15:00	1,044.20	261.05	6,223.01	1,555.75	
		1991.11.08 09:45:00	0:15:00	1,031.30	257.82	6,400.44	1,600.11	
		1991.11.08 10:00:00	0:15:00	1,019.14	254.78	6,433.44	1,608.36	
		1991.11.08 10:15:00	0:15:00	1,014.42	253.61	6,459.00	1,614.75	
		1991.11.08 10:30:00	0:15:00	973.23	243.31	6,462.72	1,615.68	
		1991.11.08 10:45:00	0:15:00	939.98	235.00	6,547.84	1,636.96	
		1991.11.08 11:00:00	0:15:00	907.47	226.87	6,674.89	1,668.72	
		1991.11.08 11:15:00	0:15:00	890.10	222.53	6,894.99	1,723.75	
		1991.11.08 11:30:00	0:15:00	853.62	213.41	7,063.73	1,765.93	
		1991.11.08 11:45:00	0:15:00	836.25	209.06	7,397.49	1,849.37	
		1991.11.08 12:00:00	0:15:00	897.05	224.26	7,588.56	1,897.14	
		1991.11.08 12:15:00	0:15:00	1,006.73	251.68	7,608.91	1,902.23	
		1991.11.08 12:30:00	0:15:00	1,257.36	314.34	7,461.51	1,865.38	
		1991.11.08 12:45:00	0:15:00	1,591.11	397.78	7,598.74	1,899.68	
		1991.11.08 13:00:00	0:15:00	1,941.75	485.44	7,723.55	1,930.89	
		1991.11.08 13:15:00	0:15:00	2,327.86	581.97	7,911.15	1,977.79	
		1991.11.08 13:30:00	0:15:00	2,723.41	680.85	8,059.79	2,014.95	
		1991.11.08 13:45:00	0:15:00	3,155.43	788.86	8,534.50	2,133.62	
		1991.11.08 14:00:00	0:15:00	3,610.53	902.63	9,250.15	2,312.54	

Date	Mirror	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	New SFHR Total/day
		1991.11.08 14:15:00	0:15:00	4,106.82	1,026.71	10,167.55	2,541.89	
		1991.11.08 14:30:00	0:15:00	4,649.77	1,162.44	10,026.35	2,506.59	
		1991.11.08 14:45:00	0:15:00	5,373.11	1,343.28	9,303.01	2,325.75	
		1991.11.08 15:00:00	0:15:00	6,422.52	1,605.63	8,253.60	2,063.40	
		1991.11.08 15:15:00	0:15:00	7,807.68	1,951.92	6,868.44	1,717.11	
		1991.11.08 15:30:00	0:15:00	9,337.75	2,334.44	5,338.37	1,334.59	
		1991.11.08 15:45:00	0:15:00	10,759.87	2,689.97	3,916.25	979.06	
		1991.11.08 16:00:00	0:09:00	12,544.79	1,881.72	2,131.33	319.70	
		1991.11.08 16:03:00	0:01:48	8:19:12 13,089.22	392.68	1,586.90	47.61	55,936.85
15-Nov	25-Jan	1991.11.15 07:51:00	0:04:48	12,515.76	1,001.26	987.87	79.03	
		1991.11.15 08:00:00	0:12:00	10,808.01	2,161.60	1,239.49	247.90	
		1991.11.15 08:15:00	0:15:00	6,510.62	1,627.65	3,693.16	923.29	
		1991.11.15 08:30:00	0:15:00	3,605.81	901.45	5,048.29	1,262.07	
		1991.11.15 08:45:00	0:15:00	2,183.19	545.80	5,615.30	1,403.83	
		1991.11.15 09:00:00	0:15:00	1,359.35	339.84	6,058.00	1,514.50	
		1991.11.15 09:15:00	0:15:00	1,129.56	282.39	6,460.74	1,615.18	
		1991.11.15 09:30:00	0:15:00	1,106.24	276.56	6,677.62	1,669.40	
		1991.11.15 09:45:00	0:15:00	1,091.84	272.96	6,884.82	1,721.21	
		1991.11.15 10:00:00	0:15:00	1,075.47	268.87	6,980.36	1,745.09	
		1991.11.15 10:15:00	0:15:00	1,065.54	266.39	7,014.60	1,753.65	
		1991.11.15 10:30:00	0:15:00	1,027.33	256.83	7,005.92	1,751.48	
		1991.11.15 10:45:00	0:15:00	993.58	248.39	7,099.47	1,774.87	
		1991.11.15 11:00:00	0:15:00	957.85	239.46	7,237.68	1,809.42	
		1991.11.15 11:15:00	0:15:00	939.48	234.87	7,473.17	1,868.29	
		1991.11.15 11:30:00	0:15:00	906.98	226.74	7,658.29	1,914.57	
		1991.11.15 11:45:00	0:15:00	886.63	221.66	8,025.55	2,006.39	
		1991.11.15 12:00:00	0:15:00	944.45	236.11	8,227.54	2,056.89	
		1991.11.15 12:15:00	0:15:00	1,062.31	265.58	8,253.84	2,063.46	
		1991.11.15 12:30:00	0:15:00	1,309.72	327.43	8,102.97	2,025.74	
		1991.11.15 12:45:00	0:15:00	1,642.48	410.62	8,222.08	2,055.52	
		1991.11.15 13:00:00	0:15:00	1,995.35	498.84	8,285.36	2,071.34	
		1991.11.15 13:15:00	0:15:00	2,382.21	595.55	8,414.39	2,103.60	
		1991.11.15 13:30:00	0:15:00	2,781.47	695.37	8,509.93	2,127.48	
		1991.11.15 13:45:00	0:15:00	3,208.04	802.01	9,017.14	2,254.29	
		1991.11.15 14:00:00	0:15:00	3,659.17	914.79	9,679.94	2,419.99	
		1991.11.15 14:15:00	0:15:00	4,147.27	1,036.82	10,528.85	2,632.21	
		1991.11.15 14:30:00	0:15:00	4,696.17	1,174.04	9,979.95	2,494.99	
		1991.11.15 14:45:00	0:15:00	5,457.48	1,364.37	9,218.64	2,304.66	
		1991.11.15 15:00:00	0:15:00	6,597.47	1,649.37	8,078.65	2,019.66	
		1991.11.15 15:15:00	0:15:00	7,995.03	1,998.76	6,681.09	1,670.27	
		1991.11.15 15:30:00	0:15:00	9,433.53	2,358.38	5,242.59	1,310.65	
		1991.11.15 15:45:00	0:13:48	10,989.90	2,527.68	3,686.21	847.83	
		1991.11.15 15:57:36	0:06:36	12,898.65	1,418.85	1,777.47	195.52	
		1991.11.22 07:57:36	0:01:12	8:08:24 13,461.44	269.23	277.18	5.54	57,719.80
22-Nov	18-Jan	1991.11.22 08:00:00	0:09:00	13,124.71	1,968.71	244.92	36.74	
		1991.11.22 08:15:00	0:15:00	9,575.97	2,393.99	1,696.58	424.14	
		1991.11.22 08:30:00	0:15:00	4,830.66	1,207.67	4,689.22	1,172.31	
		1991.11.22 08:45:00	0:15:00	2,595.86	648.97	5,709.60	1,427.40	
		1991.11.22 09:00:00	0:15:00	1,582.43	395.61	6,214.58	1,553.64	
		1991.11.22 09:15:00	0:15:00	1,198.55	299.64	6,673.90	1,668.47	
		1991.11.22 09:30:00	0:15:00	1,171.00	292.75	7,072.67	1,768.17	
		1991.11.22 09:45:00	0:15:00	1,150.65	287.66	7,310.39	1,827.60	
		1991.11.22 10:00:00	0:15:00	1,127.83	281.96	7,442.65	1,860.66	
		1991.11.22 10:15:00	0:15:00	1,117.65	279.41	7,508.16	1,877.04	
		1991.11.22 10:30:00	0:15:00	1,084.40	271.10	7,507.42	1,876.86	
		1991.11.22 10:45:00	0:15:00	1,044.20	261.05	7,603.70	1,900.93	
		1991.11.22 11:00:00	0:15:00	1,005.24	251.31	7,728.27	1,932.07	
		1991.11.22 11:15:00	0:15:00	985.64	246.41	7,986.34	1,996.59	
		1991.11.22 11:30:00	0:15:00	955.61	238.90	8,192.80	2,048.20	

Date	Mirror	Date+Time	Duration	ExSF	ExSfHr	NewSF	NewSFHr	New SFHR Total/day
		1991.11.22 11:45:00	0:15:00	936.50	234.13	8,565.76	2,141.44	
		1991.11.22 12:00:00	0:15:00	987.87	246.97	8,810.19	2,202.55	
		1991.11.22 12:15:00	0:15:00	1,101.77	275.44	8,841.45	2,210.36	
		1991.11.22 12:30:00	0:15:00	1,341.23	335.31	8,671.72	2,167.93	
		1991.11.22 12:45:00	0:15:00	1,670.27	417.57	8,770.73	2,192.68	
		1991.11.22 13:00:00	0:15:00	2,019.91	504.98	8,765.27	2,191.32	
		1991.11.22 13:15:00	0:15:00	2,409.25	602.31	8,838.23	2,209.56	
		1991.11.22 13:30:00	0:15:00	2,804.80	701.20	8,888.35	2,222.09	
		1991.11.22 13:45:00	0:15:00	3,220.44	805.11	9,389.11	2,347.28	
		1991.11.22 14:00:00	0:15:00	3,667.35	916.84	9,993.85	2,498.46	
		1991.11.22 14:15:00	0:15:00	4,136.35	1,034.09	10,539.77	2,634.94	
		1991.11.22 14:30:00	0:15:00	4,690.46	1,172.62	9,985.66	2,496.41	
		1991.11.22 14:45:00	0:15:00	5,505.37	1,376.34	9,170.74	2,292.69	
		1991.11.22 15:00:00	0:15:00	6,635.43	1,658.86	8,040.69	2,010.17	
		1991.11.22 15:15:00	0:15:00	8,018.85	2,004.71	6,657.27	1,664.32	
		1991.11.22 15:30:00	0:15:00	9,536.02	2,384.00	5,140.10	1,285.03	
		1991.11.22 15:45:00	0:12:00	11,207.03	2,241.41	3,469.09	693.82	
		1991.11.22 15:54:00	0:04:48	7:55:48	13,074.83	1,045.99	1,601.29	
		29-Nov	11-Jan	1991.11.29 08:04:12	0:05:24	14,134.41	1,272.10	9.43
	1991.11.29 08:15:00	0:12:36	11,493.15	2,413.56	874.96	183.74		
	1991.11.29 08:30:00	0:15:00	7,586.83	1,896.71	2,894.38	723.60		
	1991.11.29 08:45:00	0:15:00	3,437.08	859.27	5,464.68	1,366.17		
	1991.11.29 09:00:00	0:15:00	1,882.69	470.67	6,238.15	1,559.54		
	1991.11.29 09:15:00	0:15:00	1,301.03	325.26	6,735.44	1,683.86		
	1991.11.29 09:30:00	0:15:00	1,215.67	303.92	7,162.00	1,790.50		
	1991.11.29 09:45:00	0:15:00	1,202.52	300.63	7,596.50	1,899.13		
	1991.11.29 10:00:00	0:15:00	1,175.97	293.99	7,806.68	1,951.67		
	1991.11.29 10:15:00	0:15:00	1,163.31	290.83	7,931.25	1,982.81		
	1991.11.29 10:30:00	0:15:00	1,136.51	284.13	7,931.25	1,982.81		
	1991.11.29 10:45:00	0:15:00	1,091.60	272.90	8,032.74	2,008.19		
	1991.11.29 11:00:00	0:15:00	1,051.15	262.79	8,128.53	2,032.13		
	1991.11.29 11:15:00	0:15:00	1,025.84	256.46	8,408.44	2,102.11		
	1991.11.29 11:30:00	0:15:00	997.30	249.33	8,625.32	2,156.33		
	1991.11.29 11:45:00	0:15:00	977.20	244.30	8,967.26	2,241.82		
	1991.11.29 12:00:00	0:15:00	1,006.73	251.68	9,305.74	2,326.43		
	1991.11.29 12:15:00	0:15:00	1,114.67	278.67	9,360.58	2,340.14		
	1991.11.29 12:30:00	0:15:00	1,349.17	337.29	9,182.65	2,295.66		
	1991.11.29 12:45:00	0:15:00	1,673.25	418.31	9,232.78	2,308.20		
	1991.11.29 13:00:00	0:15:00	2,025.12	506.28	9,175.71	2,293.93		
	1991.11.29 13:15:00	0:15:00	2,405.03	601.26	9,197.54	2,299.39		
	1991.11.29 13:30:00	0:15:00	2,796.61	699.15	9,205.48	2,301.37		
	1991.11.29 13:45:00	0:15:00	3,203.82	800.95	9,661.33	2,415.33		
	1991.11.29 14:00:00	0:15:00	3,636.34	909.08	10,205.02	2,551.25		
	1991.11.29 14:15:00	0:15:00	4,091.44	1,022.86	10,584.68	2,646.17		
	1991.11.29 14:30:00	0:15:00	4,639.59	1,159.90	10,036.53	2,509.13		
	1991.11.29 14:45:00	0:15:00	5,488.00	1,372.00	9,188.11	2,297.03		
	1991.11.29 15:00:00	0:15:00	6,609.13	1,652.28	8,066.99	2,016.75		
	1991.11.29 15:15:00	0:15:00	7,915.12	1,978.78	6,761.00	1,690.25		
	1991.11.29 15:30:00	0:15:00	9,525.84	2,381.46	5,150.28	1,287.57		
	1991.11.29 15:45:00	0:10:48	11,552.70	2,079.49	3,123.42	562.22		
1991.11.29 15:51:36	0:03:00	7:46:48	13,349.28	667.46	1,326.84	66.34		
6-Dec	4-Jan	1991.12.06 08:15:00	0:10:12	13,526.46	2,299.50	151.12	25.69	
	1991.12.06 08:30:00	0:15:00	9,531.05	2,382.76	1,883.93	470.98		
	1991.12.06 08:45:00	0:15:00	5,703.64	1,425.91	3,946.02	986.51		
	1991.12.06 09:00:00	0:15:00	2,226.37	556.59	6,194.73	1,548.68		
	1991.12.06 09:15:00	0:15:00	1,424.36	356.09	6,705.91	1,676.48		
	1991.12.06 09:30:00	0:15:00	1,238.75	309.69	7,159.52	1,789.88		
	1991.12.06 09:45:00	0:15:00	1,237.51	309.38	7,593.53	1,898.38		
	1991.12.06 10:00:00	0:15:00	1,215.92	303.98	8,000.98	2,000.25		

Date	Mirror	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	New SFHR Total/day
		1991.12.06 10:15:00	0:15:00	1,200.78	300.20	8,257.81	2,064.45	
		1991.12.06 10:30:00	0:15:00	1,179.69	294.92	8,242.43	2,060.61	
		1991.12.06 10:45:00	0:15:00	1,134.77	283.69	8,354.34	2,088.59	
		1991.12.06 11:00:00	0:15:00	1,089.86	272.47	8,421.84	2,105.46	
		1991.12.06 11:15:00	0:15:00	1,060.08	265.02	8,721.10	2,180.28	
		1991.12.06 11:30:00	0:15:00	1,034.52	258.63	8,945.43	2,236.36	
		1991.12.06 11:45:00	0:15:00	1,008.96	252.24	9,317.15	2,329.29	
		1991.12.06 12:00:00	0:15:00	1,040.23	260.06	9,697.56	2,424.39	
		1991.12.06 12:15:00	0:15:00	1,140.73	285.18	9,743.71	2,435.93	
		1991.12.06 12:30:00	0:15:00	1,340.24	335.06	9,579.94	2,394.98	
		1991.12.06 12:45:00	0:15:00	1,647.44	411.86	9,602.27	2,400.57	
		1991.12.06 13:00:00	0:15:00	1,997.58	499.39	9,509.22	2,377.30	
		1991.12.06 13:15:00	0:15:00	2,374.26	593.57	9,485.89	2,371.47	
		1991.12.06 13:30:00	0:15:00	2,756.66	689.16	9,436.01	2,359.00	
		1991.12.06 13:45:00	0:15:00	3,160.89	790.22	9,834.29	2,458.57	
		1991.12.06 14:00:00	0:15:00	3,582.24	895.56	10,322.64	2,580.66	
		1991.12.06 14:15:00	0:15:00	4,027.17	1,006.79	10,648.95	2,662.24	
		1991.12.06 14:30:00	0:15:00	4,551.50	1,137.88	10,124.62	2,531.15	
		1991.12.06 14:45:00	0:15:00	5,390.98	1,347.75	9,285.14	2,321.29	
		1991.12.06 15:00:00	0:15:00	6,466.20	1,616.55	8,209.92	2,052.48	
		1991.12.06 15:15:00	0:15:00	7,744.15	1,936.04	6,931.97	1,732.99	
		1991.12.06 15:30:00	0:15:00	9,412.44	2,353.11	5,263.68	1,315.92	
		1991.12.06 15:45:00	0:10:12	11,793.40	2,004.88	2,882.72	490.06	
		1991.12.06 15:51:00	0:03:00	7:38:24	13,537.62	676.88	1,138.50	60,427.80
13-Dec	27-Dec	1991.12.13 08:30:00	0:15:00	11,016.95	2,754.24	1,243.71	310.93	
		1991.12.13 08:45:00	0:15:00	7,584.10	1,896.02	2,771.30	692.83	
		1991.12.13 09:00:00	0:15:00	3,301.59	825.40	5,518.28	1,379.57	
		1991.12.13 09:15:00	0:15:00	1,622.38	405.60	6,627.49	1,656.87	
		1991.12.13 09:30:00	0:15:00	1,256.86	314.22	7,095.50	1,773.87	
		1991.12.13 09:45:00	0:15:00	1,253.64	313.41	7,548.86	1,887.22	
		1991.12.13 10:00:00	0:15:00	1,243.21	310.80	7,949.12	1,987.28	
		1991.12.13 10:15:00	0:15:00	1,226.84	306.71	8,369.23	2,092.31	
		1991.12.13 10:30:00	0:15:00	1,205.25	301.31	8,447.65	2,111.91	
		1991.12.13 10:45:00	0:15:00	1,167.28	291.82	8,556.58	2,139.15	
		1991.12.13 11:00:00	0:15:00	1,117.65	279.41	8,613.16	2,153.29	
		1991.12.13 11:15:00	0:15:00	1,086.39	271.60	8,889.35	2,222.34	
		1991.12.13 11:30:00	0:15:00	1,058.59	264.65	9,121.36	2,280.34	
		1991.12.13 11:45:00	0:15:00	1,037.25	259.31	9,464.30	2,366.08	
		1991.12.13 12:00:00	0:15:00	1,039.49	259.87	9,882.68	2,470.67	
		1991.12.13 12:15:00	0:15:00	1,134.53	283.63	10,017.92	2,504.48	
		1991.12.13 12:30:00	0:15:00	1,306.24	326.56	9,863.57	2,465.89	
		1991.12.13 12:45:00	0:15:00	1,603.52	400.88	9,852.65	2,463.16	
		1991.12.13 13:00:00	0:15:00	1,945.47	486.37	9,733.04	2,433.26	
		1991.12.13 13:15:00	0:15:00	2,319.92	579.98	9,679.69	2,419.92	
		1991.12.13 13:30:00	0:15:00	2,695.86	673.97	9,578.70	2,394.67	
		1991.12.13 13:45:00	0:15:00	3,092.65	773.16	9,912.21	2,478.05	
		1991.12.13 14:00:00	0:15:00	3,501.84	875.46	10,331.82	2,582.96	
		1991.12.13 14:15:00	0:15:00	3,944.53	986.13	10,731.58	2,682.90	
		1991.12.13 14:30:00	0:15:00	4,439.59	1,109.90	10,236.53	2,559.13	
		1991.12.13 14:45:00	0:15:00	5,222.98	1,305.75	9,453.13	2,363.28	
		1991.12.13 15:00:00	0:15:00	6,258.00	1,564.50	8,418.12	2,104.53	
		1991.12.13 15:15:00	0:15:00	7,504.19	1,876.05	7,171.93	1,792.98	
		1991.12.13 15:30:00	0:15:00	9,145.93	2,286.48	5,530.19	1,382.55	
		1991.12.13 15:45:00	0:10:48	11,490.91	2,068.36	3,185.21	573.34	
		1991.12.13 15:52:11	0:03:36	7:29:24	13,691.97	821.52	984.15	60,784.79
20-Dec	No Mirror	1991.12.20 08:30:00	0:12:36	12,302.60	2,583.55	690.10	144.92	
		1991.12.20 08:45:00	0:15:00	8,561.30	2,140.32	2,345.73	586.43	
		1991.12.20 09:00:00	0:15:00	4,447.78	1,111.94	4,754.24	1,188.56	
		1991.12.20 09:15:00	0:15:00	1,839.26	459.82	6,523.27	1,630.82	

Date	Mirror	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	New SFHR Total/day
		1991.12.20 09:30:00	0:15:00	1,303.26	325.82	7,005.67	1,751.42	
		1991.12.20 09:45:00	0:15:00	1,255.62	313.91	7,462.26	1,865.56	
		1991.12.20 10:00:00	0:15:00	1,253.64	313.41	7,874.68	1,968.67	
		1991.12.20 10:15:00	0:15:00	1,240.98	310.25	8,289.08	2,072.27	
		1991.12.20 10:30:00	0:15:00	1,216.91	304.23	8,527.30	2,131.83	
		1991.12.20 10:45:00	0:15:00	1,186.14	296.54	8,620.36	2,155.09	
		1991.12.20 11:00:00	0:15:00	1,135.77	283.94	8,677.93	2,169.48	
		1991.12.20 11:15:00	0:15:00	1,100.78	275.19	8,917.14	2,229.28	
		1991.12.20 11:30:00	0:15:00	1,071.50	267.87	9,144.44	2,286.11	
		1991.12.20 11:45:00	0:15:00	1,050.65	262.66	9,488.87	2,372.22	
		1991.12.20 12:00:00	0:15:00	1,031.54	257.89	9,911.96	2,477.99	
		1991.12.20 12:15:00	0:15:00	1,121.62	280.41	10,123.13	2,530.78	
		1991.12.20 12:30:00	0:15:00	1,264.80	316.20	10,001.04	2,500.26	
		1991.12.20 12:45:00	0:15:00	1,540.99	385.25	9,952.40	2,488.10	
		1991.12.20 13:00:00	0:15:00	1,874.99	468.75	9,841.48	2,460.37	
		1991.12.20 13:15:00	0:15:00	2,243.00	560.75	9,764.56	2,441.14	
		1991.12.20 13:30:00	0:15:00	2,617.70	654.42	9,648.67	2,412.17	
		1991.12.20 13:45:00	0:15:00	3,007.78	751.95	9,892.85	2,473.21	
		1991.12.20 14:00:00	0:15:00	3,416.48	854.12	10,289.64	2,572.41	
		1991.12.20 14:15:00	0:15:00	3,850.24	962.56	10,825.88	2,706.47	
		1991.12.20 14:30:00	0:15:00	4,320.97	1,080.24	10,355.15	2,588.79	
		1991.12.20 14:45:00	0:15:00	5,006.35	1,251.59	9,669.77	2,417.44	
		1991.12.20 15:00:00	0:15:00	6,026.73	1,506.68	8,649.39	2,162.35	
		1991.12.20 15:15:00	0:15:00	7,213.37	1,803.34	7,462.75	1,865.69	
		1991.12.20 15:30:00	0:15:00	8,789.59	2,197.40	5,886.53	1,471.63	
		1991.12.20 15:45:00	0:12:36	10,864.34	2,281.51	3,811.78	800.47	
		1991.12.20 15:54:36	0:04:48	7:30:00 13,682.79	1,094.62	993.33	79.47	61,001.39
						3,519,722.26	872,879.72	



Quantitative Shadow Results - FULL SUN ANGLE SAMPLE
1979 Mission Street - Marshall Elementary School Playground

EXHIBIT D.1

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
172	1991.06.21 06:46:48	0:06:36	11,596.87	1,275.66	0.00	0.00	3,079.25	338.72
172	1991.06.21 07:00:00	0:13:48	9,700.78	2,231.18	0.00	0.00	4,975.33	1,144.33
172	1991.06.21 07:15:00	0:15:00	7,368.21	1,842.05	0.00	0.00	7,307.91	1,826.98
172	1991.06.21 07:30:00	0:15:00	5,296.93	1,324.23	0.00	0.00	9,379.19	2,344.80
172	1991.06.21 07:45:00	0:15:00	3,550.23	887.56	0.00	0.00	11,125.89	2,781.47
172	1991.06.21 08:00:00	0:15:00	2,267.31	566.83	0.00	0.00	12,408.81	3,102.20
172	1991.06.21 08:15:00	0:15:00	1,346.94	336.74	0.00	0.00	13,329.18	3,332.30
172	1991.06.21 08:30:00	0:15:00	702.50	175.63	0.00	0.00	13,973.62	3,493.40
172	1991.06.21 08:45:00	0:15:00	308.69	77.17	0.00	0.00	14,367.42	3,591.86
172	1991.06.21 09:00:00	0:15:00	246.66	61.66	0.00	0.00	14,429.46	3,607.37
172	1991.06.21 09:15:00	0:15:00	225.81	56.45	10.17	2.54	14,440.13	3,610.03
172	1991.06.21 09:30:00	0:15:00	256.58	64.15	165.76	41.44	14,253.77	3,563.44
172	1991.06.21 09:45:00	0:15:00	287.60	71.90	313.41	78.35	14,075.11	3,518.78
172	1991.06.21 10:00:00	0:15:00	313.16	78.29	425.82	106.46	13,937.14	3,484.28
172	1991.06.21 10:15:00	0:15:00	338.97	84.74	536.49	134.12	13,800.66	3,450.16
172	1991.06.21 10:30:00	0:15:00	358.08	89.52	616.64	154.16	13,701.40	3,425.35
172	1991.06.21 10:45:00	0:15:00	371.23	92.81	696.30	174.08	13,608.59	3,402.15
172	1991.06.21 11:00:00	0:15:00	365.52	91.38	740.97	185.24	13,569.63	3,392.41
172	1991.06.21 11:15:00	0:15:00	361.80	90.45	803.00	200.75	13,511.32	3,377.83
172	1991.06.21 11:30:00	0:15:00	353.36	88.34	842.71	210.68	13,480.05	3,370.01
172	1991.06.21 11:45:00	0:15:00	343.68	85.92	908.46	227.12	13,423.97	3,355.99
172	1991.06.21 12:00:00	0:15:00	329.79	82.45	932.29	233.07	13,414.05	3,353.51
172	1991.06.21 12:15:00	0:15:00	318.37	79.59	997.05	249.26	13,360.69	3,340.17
172	1991.06.21 12:30:00	0:15:00	292.32	73.08	1,004.50	251.12	13,379.31	3,344.83
172	1991.06.21 12:45:00	0:15:00	268.49	67.12	1,063.31	265.83	13,344.32	3,336.08
172	1991.06.21 13:00:00	0:15:00	239.71	59.93	1,051.40	262.85	13,385.01	3,346.25
172	1991.06.21 13:15:00	0:15:00	240.21	60.05	1,094.57	273.64	13,341.34	3,335.34
172	1991.06.21 13:30:00	0:15:00	274.95	68.74	1,070.26	267.56	13,330.92	3,332.73
172	1991.06.21 13:45:00	0:15:00	337.73	84.43	1,070.26	267.56	13,268.14	3,317.03
172	1991.06.21 14:00:00	0:15:00	410.43	102.61	991.10	247.77	13,274.59	3,318.65
172	1991.06.21 14:15:00	0:15:00	606.97	151.74	964.30	241.07	13,104.86	3,276.21
172	1991.06.21 14:30:00	0:15:00	814.17	203.54	876.45	219.11	12,985.50	3,246.37
172	1991.06.21 14:45:00	0:15:00	1,029.81	257.45	836.25	209.06	12,810.06	3,202.51
172	1991.06.21 15:00:00	0:15:00	1,242.22	310.56	766.28	191.57	12,667.62	3,166.91
172	1991.06.21 15:15:00	0:15:00	1,443.47	360.87	692.83	173.21	12,539.83	3,134.96
172	1991.06.21 15:30:00	0:15:00	1,635.04	408.76	563.29	140.82	12,477.79	3,119.45
172	1991.06.21 15:45:00	0:15:00	1,868.29	467.07	437.98	109.50	12,369.85	3,092.46
172	1991.06.21 16:00:00	0:15:00	2,100.31	525.08	288.10	72.02	12,287.71	3,071.93
172	1991.06.21 16:15:00	0:15:00	2,346.47	586.62	124.57	31.14	12,205.08	3,051.27
172	1991.06.21 16:30:00	0:15:00	2,603.80	650.95	0.00	0.00	12,072.32	3,018.08
172	1991.06.21 16:45:00	0:15:00	2,919.69	729.92	0.00	0.00	11,756.43	2,939.11
172	1991.06.21 17:00:00	0:15:00	3,419.21	854.80	0.00	0.00	11,256.91	2,814.23
172	1991.06.21 17:15:00	0:15:00	4,121.71	1,030.43	0.00	0.00	10,554.41	2,638.60
172	1991.06.21 17:30:00	0:15:00	4,961.19	1,240.30	0.00	0.00	9,714.93	2,428.73
172	1991.06.21 17:45:00	0:15:00	5,861.46	1,465.37	0.00	0.00	8,814.65	2,203.66
172	1991.06.21 18:00:00	0:15:00	6,882.34	1,720.59	0.00	0.00	7,793.78	1,948.45
172	1991.06.21 18:15:00	0:15:00	8,039.44	2,009.86	0.00	0.00	6,636.67	1,659.17
172	1991.06.21 18:30:00	0:15:00	9,437.50	2,359.38	0.00	0.00	5,238.62	1,309.65
172	1991.06.21 18:45:00	0:15:00	11,087.43	2,771.86	0.00	0.00	3,588.69	897.17
172	1991.06.21 19:00:00	0:15:00	12,906.09	3,226.52	0.00	0.00	1,770.03	442.51
172	1991.06.21 19:15:00	0:18:00	14,600.19	4,380.06	0.00	0.00	75.93	22.78
172	1991.06.21 19:36:00	0:10:48	14,676.12	2,641.70	0.00	0.00	0.00	0.00
179	1991.06.28 06:48:35	0:06:00	11,639.30	1,163.93	0.00	0.00	3,036.82	303.68

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
179	1991.06.28 07:00:00	0:13:12	10,092.86	2,220.43	0.00	0.00	4,583.26	1,008.32
179	1991.06.28 07:15:00	0:15:00	7,644.40	1,911.10	0.00	0.00	7,031.72	1,757.93
179	1991.06.28 07:30:00	0:15:00	5,557.49	1,389.37	0.00	0.00	9,118.63	2,279.66
179	1991.06.28 07:45:00	0:15:00	3,728.40	932.10	0.00	0.00	10,947.72	2,736.93
179	1991.06.28 08:00:00	0:15:00	2,401.56	600.39	0.00	0.00	12,274.56	3,068.64
179	1991.06.28 08:15:00	0:15:00	1,439.75	359.94	0.00	0.00	13,236.37	3,309.09
179	1991.06.28 08:30:00	0:15:00	769.50	192.38	0.00	0.00	13,906.62	3,476.65
179	1991.06.28 08:45:00	0:15:00	326.06	81.52	0.00	0.00	14,350.05	3,587.51
179	1991.06.28 09:00:00	0:15:00	247.40	61.85	0.00	0.00	14,428.72	3,607.18
179	1991.06.28 09:15:00	0:15:00	224.08	56.02	8.69	2.17	14,443.36	3,610.84
179	1991.06.28 09:30:00	0:15:00	256.58	64.15	163.03	40.76	14,256.50	3,564.13
179	1991.06.28 09:45:00	0:15:00	287.85	71.96	314.90	78.72	14,073.37	3,518.34
179	1991.06.28 10:00:00	0:15:00	314.15	78.54	429.79	107.45	13,932.18	3,483.04
179	1991.06.28 10:15:00	0:15:00	339.71	84.93	540.96	135.24	13,795.45	3,448.86
179	1991.06.28 10:30:00	0:15:00	358.82	89.71	623.34	155.84	13,693.96	3,423.49
179	1991.06.28 10:45:00	0:15:00	374.21	93.55	701.01	175.25	13,600.90	3,400.23
179	1991.06.28 11:00:00	0:15:00	369.49	92.37	745.68	186.42	13,560.95	3,390.24
179	1991.06.28 11:15:00	0:15:00	365.27	91.32	808.71	202.18	13,502.14	3,375.53
179	1991.06.28 11:30:00	0:15:00	356.34	89.09	847.17	211.79	13,472.61	3,368.15
179	1991.06.28 11:45:00	0:15:00	346.66	86.67	916.65	229.16	13,412.81	3,353.20
179	1991.06.28 12:00:00	0:15:00	333.01	83.25	943.20	235.80	13,399.90	3,349.98
179	1991.06.28 12:15:00	0:15:00	321.10	80.28	1,003.75	250.94	13,351.26	3,337.82
179	1991.06.28 12:30:00	0:15:00	297.28	74.32	1,016.41	254.10	13,362.43	3,340.61
179	1991.06.28 12:45:00	0:15:00	272.71	68.18	1,073.98	268.49	13,329.43	3,332.36
179	1991.06.28 13:00:00	0:15:00	242.94	60.73	1,064.55	266.14	13,368.64	3,342.16
179	1991.06.28 13:15:00	0:15:00	240.95	60.24	1,104.25	276.06	13,330.92	3,332.73
179	1991.06.28 13:30:00	0:15:00	272.71	68.18	1,086.88	271.72	13,316.52	3,329.13
179	1991.06.28 13:45:00	0:15:00	332.76	83.19	1,086.39	271.60	13,256.97	3,314.24
179	1991.06.28 14:00:00	0:15:00	404.98	101.24	1,008.72	252.18	13,262.43	3,315.61
179	1991.06.28 14:15:00	0:15:00	589.35	147.34	986.38	246.60	13,100.39	3,275.10
179	1991.06.28 14:30:00	0:15:00	799.28	199.82	898.54	224.63	12,978.30	3,244.58
179	1991.06.28 14:45:00	0:15:00	1,016.66	254.16	848.91	212.23	12,810.55	3,202.64
179	1991.06.28 15:00:00	0:15:00	1,229.57	307.39	783.15	195.79	12,663.40	3,165.85
179	1991.06.28 15:15:00	0:15:00	1,429.08	357.27	719.62	179.91	12,527.42	3,131.86
179	1991.06.28 15:30:00	0:15:00	1,624.12	406.03	590.34	147.59	12,461.66	3,115.42
179	1991.06.28 15:45:00	0:15:00	1,850.68	462.67	473.22	118.30	12,352.23	3,088.06
179	1991.06.28 16:00:00	0:15:00	2,084.93	521.23	321.10	80.28	12,270.09	3,067.52
179	1991.06.28 16:15:00	0:15:00	2,333.32	583.33	160.55	40.14	12,182.25	3,045.56
179	1991.06.28 16:30:00	0:15:00	2,586.43	646.61	1.74	0.43	12,087.95	3,021.99
179	1991.06.28 16:45:00	0:15:00	2,894.38	723.60	0.00	0.00	11,781.74	2,945.44
179	1991.06.28 17:00:00	0:15:00	3,355.93	838.98	0.00	0.00	11,320.19	2,830.05
179	1991.06.28 17:15:00	0:15:00	4,051.49	1,012.87	0.00	0.00	10,624.63	2,656.16
179	1991.06.28 17:30:00	0:15:00	4,898.41	1,224.60	0.00	0.00	9,777.71	2,444.43
179	1991.06.28 17:45:00	0:15:00	5,782.55	1,445.64	0.00	0.00	8,893.56	2,223.39
179	1991.06.28 18:00:00	0:15:00	6,806.16	1,701.54	0.00	0.00	7,869.96	1,967.49
179	1991.06.28 18:15:00	0:15:00	7,949.37	1,987.34	0.00	0.00	6,726.75	1,681.69
179	1991.06.28 18:30:00	0:15:00	9,326.33	2,331.58	0.00	0.00	5,349.79	1,337.45
179	1991.06.28 18:45:00	0:15:00	10,980.97	2,745.24	0.00	0.00	3,695.15	923.79
179	1991.06.28 19:00:00	0:15:00	12,816.76	3,204.19	0.00	0.00	1,859.36	464.84
179	1991.06.28 19:15:00	0:18:00	14,541.37	4,362.41	0.00	0.00	134.74	40.42
179	1991.06.28 19:36:36	0:10:48	14,676.12	2,641.70	0.00	0.00	0.00	0.00
186	1991.07.05 06:52:12	0:03:36	11,724.67	703.48	0.00	0.00	2,951.45	177.09
186	1991.07.05 07:00:00	0:11:24	10,692.87	2,031.65	0.00	0.00	3,983.25	756.82
186	1991.07.05 07:15:00	0:15:00	8,120.09	2,030.02	0.00	0.00	6,556.03	1,639.01
186	1991.07.05 07:30:00	0:15:00	5,942.36	1,485.59	0.00	0.00	8,733.76	2,183.44
186	1991.07.05 07:45:00	0:15:00	3,997.39	999.35	0.00	0.00	10,678.73	2,669.68
186	1991.07.05 08:00:00	0:15:00	2,588.17	647.04	0.00	0.00	12,087.95	3,021.99

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
186	1991.07.05 08:15:00	0:15:00	1,557.12	389.28	0.00	0.00	13,119.00	3,279.75
186	1991.07.05 08:30:00	0:15:00	846.68	211.67	0.00	0.00	13,829.44	3,457.36
186	1991.07.05 08:45:00	0:15:00	342.44	85.61	0.00	0.00	14,333.68	3,583.42
186	1991.07.05 09:00:00	0:15:00	242.44	60.61	0.00	0.00	14,433.68	3,608.42
186	1991.07.05 09:15:00	0:15:00	231.27	57.82	31.02	7.76	14,413.83	3,603.46
186	1991.07.05 09:30:00	0:15:00	263.28	65.82	193.55	48.39	14,219.28	3,554.82
186	1991.07.05 09:45:00	0:15:00	294.05	73.51	353.11	88.28	14,028.95	3,507.24
186	1991.07.05 10:00:00	0:15:00	319.61	79.90	469.49	117.37	13,887.01	3,471.75
186	1991.07.05 10:15:00	0:15:00	345.67	86.42	579.92	144.98	13,750.53	3,437.63
186	1991.07.05 10:30:00	0:15:00	364.03	91.01	659.57	164.89	13,652.51	3,413.13
186	1991.07.05 10:45:00	0:15:00	384.88	96.22	728.56	182.14	13,562.69	3,390.67
186	1991.07.05 11:00:00	0:15:00	379.42	94.85	773.97	193.49	13,522.73	3,380.68
186	1991.07.05 11:15:00	0:15:00	374.21	93.55	835.26	208.82	13,466.65	3,366.66
186	1991.07.05 11:30:00	0:15:00	363.53	90.88	880.42	220.11	13,432.16	3,358.04
186	1991.07.05 11:45:00	0:15:00	352.12	88.03	950.15	237.54	13,373.85	3,343.46
186	1991.07.05 12:00:00	0:15:00	337.48	84.37	978.44	244.61	13,360.20	3,340.05
186	1991.07.05 12:15:00	0:15:00	329.29	82.32	1,042.71	260.68	13,304.12	3,326.03
186	1991.07.05 12:30:00	0:15:00	306.21	76.55	1,056.61	264.15	13,313.30	3,328.33
186	1991.07.05 12:45:00	0:15:00	280.90	70.23	1,112.94	278.23	13,282.28	3,320.57
186	1991.07.05 13:00:00	0:15:00	251.37	62.84	1,105.49	276.37	13,319.25	3,329.81
186	1991.07.05 13:15:00	0:15:00	244.42	61.11	1,145.69	286.42	13,286.00	3,321.50
186	1991.07.05 13:30:00	0:15:00	273.46	68.36	1,137.50	284.38	13,265.16	3,316.29
186	1991.07.05 13:45:00	0:15:00	334.01	83.50	1,137.01	284.25	13,205.11	3,301.28
186	1991.07.05 14:00:00	0:15:00	402.99	100.75	1,062.07	265.52	13,211.06	3,302.77
186	1991.07.05 14:15:00	0:15:00	583.14	145.79	1,041.22	260.31	13,051.75	3,262.94
186	1991.07.05 14:30:00	0:15:00	795.06	198.77	948.91	237.23	12,932.15	3,233.04
186	1991.07.05 14:45:00	0:15:00	1,014.42	253.61	896.06	224.01	12,765.64	3,191.41
186	1991.07.05 15:00:00	0:15:00	1,230.31	307.58	818.88	204.72	12,626.93	3,156.73
186	1991.07.05 15:15:00	0:15:00	1,435.53	358.88	769.01	192.25	12,471.59	3,117.90
186	1991.07.05 15:30:00	0:15:00	1,632.06	408.02	654.11	163.53	12,389.95	3,097.49
186	1991.07.05 15:45:00	0:15:00	1,858.86	464.72	540.71	135.18	12,276.54	3,069.14
186	1991.07.05 16:00:00	0:15:00	2,096.34	524.09	389.84	97.46	12,189.94	3,047.49
186	1991.07.05 16:15:00	0:15:00	2,345.98	586.49	235.99	59.00	12,094.16	3,023.54
186	1991.07.05 16:30:00	0:15:00	2,602.06	650.52	27.30	6.82	12,046.76	3,011.69
186	1991.07.05 16:45:00	0:15:00	2,896.12	724.03	0.00	0.00	11,780.00	2,945.00
186	1991.07.05 17:00:00	0:15:00	3,338.31	834.58	0.00	0.00	11,337.81	2,834.45
186	1991.07.05 17:15:00	0:15:00	4,022.95	1,005.74	0.00	0.00	10,653.17	2,663.29
186	1991.07.05 17:30:00	0:15:00	4,879.05	1,219.76	0.00	0.00	9,797.07	2,449.27
186	1991.07.05 17:45:00	0:15:00	5,748.81	1,437.20	0.00	0.00	8,927.31	2,231.83
186	1991.07.05 18:00:00	0:15:00	6,777.37	1,694.34	0.00	0.00	7,898.75	1,974.69
186	1991.07.05 18:15:00	0:15:00	7,960.78	1,990.20	0.00	0.00	6,715.34	1,678.83
186	1991.07.05 18:30:00	0:15:00	9,387.13	2,346.78	0.00	0.00	5,288.99	1,322.25
186	1991.07.05 18:45:00	0:15:00	11,045.24	2,761.31	0.00	0.00	3,630.88	907.72
186	1991.07.05 19:00:00	0:15:00	12,854.48	3,213.62	0.00	0.00	1,821.64	455.41
186	1991.07.05 19:15:00	0:18:00	14,586.79	4,376.04	0.00	0.00	89.33	26.80
186	1991.07.05 19:36:00	0:10:48	14,676.12	2,641.70	0.00	0.00	0.00	0.00
193	1991.07.12 06:56:24	0:01:48	11,836.58	355.10	0.00	0.00	2,839.54	85.19
193	1991.07.12 07:00:00	0:09:00	11,390.16	1,708.53	0.00	0.00	3,285.95	492.89
193	1991.07.12 07:15:00	0:15:00	8,846.42	2,211.60	0.00	0.00	5,829.70	1,457.43
193	1991.07.12 07:30:00	0:15:00	6,479.10	1,619.78	0.00	0.00	8,197.02	2,049.25
193	1991.07.12 07:45:00	0:15:00	4,406.09	1,101.52	0.00	0.00	10,270.03	2,567.51
193	1991.07.12 08:00:00	0:15:00	2,828.12	707.03	0.00	0.00	11,847.99	2,962.00
193	1991.07.12 08:15:00	0:15:00	1,712.71	428.18	0.00	0.00	12,963.41	3,240.85
193	1991.07.12 08:30:00	0:15:00	926.58	231.65	0.00	0.00	13,749.54	3,437.39
193	1991.07.12 08:45:00	0:15:00	389.59	97.40	0.00	0.00	14,286.53	3,571.63
193	1991.07.12 09:00:00	0:15:00	233.26	58.31	0.00	0.00	14,442.86	3,610.72
193	1991.07.12 09:15:00	0:15:00	241.45	60.36	90.82	22.71	14,343.85	3,585.96

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
193	1991.07.12 09:30:00	0:15:00	274.95	68.74	262.79	65.70	14,138.39	3,534.60
193	1991.07.12 09:45:00	0:15:00	307.70	76.93	424.08	106.02	13,944.33	3,486.08
193	1991.07.12 10:00:00	0:15:00	331.77	82.94	541.21	135.30	13,803.14	3,450.79
193	1991.07.12 10:15:00	0:15:00	358.08	89.52	653.62	163.40	13,664.43	3,416.11
193	1991.07.12 10:30:00	0:15:00	379.42	94.85	719.38	179.84	13,577.33	3,394.33
193	1991.07.12 10:45:00	0:15:00	399.27	99.82	777.19	194.30	13,499.66	3,374.91
193	1991.07.12 11:00:00	0:15:00	393.06	98.27	822.11	205.53	13,460.95	3,365.24
193	1991.07.12 11:15:00	0:15:00	385.62	96.41	898.29	224.57	13,392.21	3,348.05
193	1991.07.12 11:30:00	0:15:00	372.22	93.06	944.20	236.05	13,359.70	3,339.93
193	1991.07.12 11:45:00	0:15:00	363.29	90.82	1,014.42	253.61	13,298.41	3,324.60
193	1991.07.12 12:00:00	0:15:00	349.64	87.41	1,041.72	260.43	13,284.76	3,321.19
193	1991.07.12 12:15:00	0:15:00	337.23	84.31	1,104.25	276.06	13,234.64	3,308.66
193	1991.07.12 12:30:00	0:15:00	314.90	78.72	1,122.12	280.53	13,239.10	3,309.78
193	1991.07.12 12:45:00	0:15:00	291.32	72.83	1,180.43	295.11	13,204.36	3,301.09
193	1991.07.12 13:00:00	0:15:00	260.31	65.08	1,175.97	293.99	13,239.85	3,309.96
193	1991.07.12 13:15:00	0:15:00	249.39	62.35	1,221.62	305.41	13,205.11	3,301.28
193	1991.07.12 13:30:00	0:15:00	279.91	69.98	1,213.68	303.42	13,182.53	3,295.63
193	1991.07.12 13:45:00	0:15:00	338.97	84.74	1,217.65	304.41	13,119.50	3,279.87
193	1991.07.12 14:00:00	0:15:00	411.43	102.86	1,143.71	285.93	13,120.99	3,280.25
193	1991.07.12 14:15:00	0:15:00	588.60	147.15	1,123.36	280.84	12,964.16	3,241.04
193	1991.07.12 14:30:00	0:15:00	801.02	200.25	1,036.01	259.00	12,839.09	3,209.77
193	1991.07.12 14:45:00	0:15:00	1,027.57	256.89	981.92	245.48	12,666.63	3,166.66
193	1991.07.12 15:00:00	0:15:00	1,250.66	312.66	877.20	219.30	12,548.26	3,137.07
193	1991.07.12 15:15:00	0:15:00	1,458.11	364.53	823.60	205.90	12,394.41	3,098.60
193	1991.07.12 15:30:00	0:15:00	1,660.35	415.09	742.21	185.55	12,273.57	3,068.39
193	1991.07.12 15:45:00	0:15:00	1,894.35	473.59	641.71	160.43	12,140.06	3,035.02
193	1991.07.12 16:00:00	0:15:00	2,129.59	532.40	497.53	124.38	12,048.99	3,012.25
193	1991.07.12 16:15:00	0:15:00	2,389.40	597.35	347.65	86.91	11,939.06	2,984.77
193	1991.07.12 16:30:00	0:15:00	2,652.44	663.11	142.93	35.73	11,880.75	2,970.19
193	1991.07.12 16:45:00	0:15:00	2,938.55	734.64	0.00	0.00	11,737.57	2,934.39
193	1991.07.12 17:00:00	0:15:00	3,366.85	841.71	0.00	0.00	11,309.27	2,827.32
193	1991.07.12 17:15:00	0:15:00	4,043.54	1,010.89	0.00	0.00	10,632.57	2,658.14
193	1991.07.12 17:30:00	0:15:00	4,889.97	1,222.49	0.00	0.00	9,786.15	2,446.54
193	1991.07.12 17:45:00	0:15:00	5,779.08	1,444.77	0.00	0.00	8,897.04	2,224.26
193	1991.07.12 18:00:00	0:15:00	6,817.32	1,704.33	0.00	0.00	7,858.79	1,964.70
193	1991.07.12 18:15:00	0:15:00	8,073.44	2,018.36	0.00	0.00	6,602.68	1,650.67
193	1991.07.12 18:30:00	0:15:00	9,576.71	2,394.18	0.00	0.00	5,099.41	1,274.85
193	1991.07.12 18:45:00	0:15:00	11,306.54	2,826.64	0.00	0.00	3,369.58	842.40
193	1991.07.12 19:00:00	0:15:00	13,077.56	3,269.39	0.00	0.00	1,598.56	399.64
193	1991.07.12 19:15:00	0:16:48	14,674.88	4,108.97	0.00	0.00	1.24	0.35
193	1991.07.12 19:33:36	0:09:00	14,676.12	2,201.42	0.00	0.00	0.00	0.00
200	1991.07.19 07:01:11	0:07:48	12,012.76	1,561.66	0.00	0.00	2,663.35	346.24
200	1991.07.19 07:16:11	0:14:24	9,562.82	2,295.08	0.00	0.00	5,113.30	1,227.19
200	1991.07.19 07:30:00	0:14:24	7,169.44	1,720.67	0.00	0.00	7,506.67	1,801.60
200	1991.07.19 07:45:00	0:15:00	4,888.23	1,222.06	0.00	0.00	9,787.88	2,446.97
200	1991.07.19 08:00:00	0:15:00	3,146.99	786.75	0.00	0.00	11,529.13	2,882.28
200	1991.07.19 08:15:00	0:15:00	1,892.12	473.03	0.00	0.00	12,784.00	3,196.00
200	1991.07.19 08:30:00	0:15:00	1,024.10	256.03	0.00	0.00	13,652.02	3,413.00
200	1991.07.19 08:45:00	0:15:00	469.25	117.31	0.00	0.00	14,206.87	3,551.72
200	1991.07.19 09:00:00	0:15:00	223.33	55.83	12.66	3.16	14,440.13	3,610.03
200	1991.07.19 09:15:00	0:15:00	260.80	65.20	192.31	48.08	14,223.00	3,555.75
200	1991.07.19 09:30:00	0:15:00	293.31	73.33	367.51	91.88	14,015.30	3,503.83
200	1991.07.19 09:45:00	0:15:00	325.32	81.33	535.75	133.94	13,815.05	3,453.76
200	1991.07.19 10:00:00	0:15:00	352.37	88.09	650.39	162.60	13,673.36	3,418.34
200	1991.07.19 10:15:00	0:15:00	377.93	94.48	736.75	184.19	13,561.44	3,390.36
200	1991.07.19 10:30:00	0:15:00	397.78	99.45	787.12	196.78	13,491.22	3,372.81
200	1991.07.19 10:45:00	0:15:00	414.65	103.66	854.62	213.65	13,406.85	3,351.71

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
200	1991.07.19 11:00:00	0:15:00	407.95	101.99	915.91	228.98	13,352.26	3,338.06
200	1991.07.19 11:15:00	0:15:00	399.27	99.82	990.85	247.71	13,286.00	3,321.50
200	1991.07.19 11:30:00	0:15:00	384.88	96.22	1,038.00	259.50	13,253.25	3,313.31
200	1991.07.19 11:45:00	0:15:00	374.70	93.68	1,105.74	276.44	13,195.68	3,298.92
200	1991.07.19 12:00:00	0:15:00	359.81	89.95	1,130.80	282.70	13,185.50	3,296.38
200	1991.07.19 12:15:00	0:15:00	347.90	86.98	1,198.05	299.51	13,130.17	3,282.54
200	1991.07.19 12:30:00	0:15:00	327.55	81.89	1,216.17	304.04	13,132.40	3,283.10
200	1991.07.19 12:45:00	0:15:00	301.99	75.50	1,283.41	320.85	13,090.71	3,272.68
200	1991.07.19 13:00:00	0:15:00	270.73	67.68	1,284.41	321.10	13,120.99	3,280.25
200	1991.07.19 13:15:00	0:15:00	258.57	64.64	1,329.07	332.27	13,088.48	3,272.12
200	1991.07.19 13:30:00	0:15:00	289.34	72.34	1,325.10	331.28	13,061.68	3,265.42
200	1991.07.19 13:45:00	0:15:00	347.90	86.98	1,333.29	333.32	12,994.93	3,248.73
200	1991.07.19 14:00:00	0:15:00	423.59	105.90	1,258.10	314.53	12,994.43	3,248.61
200	1991.07.19 14:15:00	0:15:00	605.97	151.49	1,239.00	309.75	12,831.15	3,207.79
200	1991.07.19 14:30:00	0:15:00	824.34	206.09	1,150.90	287.73	12,700.87	3,175.22
200	1991.07.19 14:45:00	0:15:00	1,054.62	263.66	1,099.29	274.82	12,522.21	3,130.55
200	1991.07.19 15:00:00	0:15:00	1,284.41	321.10	994.57	248.64	12,397.14	3,099.29
200	1991.07.19 15:15:00	0:15:00	1,498.06	374.52	918.39	229.60	12,259.67	3,064.92
200	1991.07.19 15:30:00	0:15:00	1,713.70	428.43	820.37	205.09	12,142.05	3,035.51
200	1991.07.19 15:45:00	0:15:00	1,955.15	488.79	763.79	190.95	11,957.18	2,989.30
200	1991.07.19 16:00:00	0:15:00	2,192.87	548.22	643.94	160.99	11,839.31	2,959.83
200	1991.07.19 16:15:00	0:15:00	2,460.62	615.16	494.06	123.52	11,721.44	2,930.36
200	1991.07.19 16:30:00	0:15:00	2,729.86	682.46	293.56	73.39	11,652.70	2,913.18
200	1991.07.19 16:45:00	0:15:00	3,032.84	758.21	72.71	18.18	11,570.57	2,892.64
200	1991.07.19 17:00:00	0:15:00	3,453.45	863.36	0.00	0.00	11,222.67	2,805.67
200	1991.07.19 17:15:00	0:15:00	4,104.84	1,026.21	0.00	0.00	10,571.28	2,642.82
200	1991.07.19 17:30:00	0:15:00	4,948.78	1,237.20	0.00	0.00	9,727.34	2,431.83
200	1991.07.19 17:45:00	0:15:00	5,891.74	1,472.94	0.00	0.00	8,784.38	2,196.10
200	1991.07.19 18:00:00	0:15:00	6,932.22	1,733.05	0.00	0.00	7,743.90	1,935.98
200	1991.07.19 18:15:00	0:15:00	8,302.23	2,075.56	0.00	0.00	6,373.89	1,593.47
200	1991.07.19 18:30:00	0:15:00	9,934.54	2,483.63	0.00	0.00	4,741.58	1,185.40
200	1991.07.19 18:45:00	0:15:00	11,787.45	2,946.86	0.00	0.00	2,888.67	722.17
200	1991.07.19 19:00:00	0:15:00	13,474.84	3,368.71	0.00	0.00	1,201.28	300.32
200	1991.07.19 19:15:00	0:15:00	14,670.91	3,667.73	0.00	0.00	5.21	1.30
200	1991.07.19 19:30:00	0:07:48	14,676.12	1,907.90	0.00	0.00	0.00	0.00
207	1991.07.26 07:07:12	0:03:36	12,278.53	736.71	0.00	0.00	2,397.59	143.86
207	1991.07.26 07:15:00	0:11:24	11,201.08	2,128.21	0.00	0.00	3,475.04	660.26
207	1991.07.26 07:30:00	0:15:00	7,908.42	1,977.11	0.00	0.00	6,767.70	1,691.92
207	1991.07.26 07:45:00	0:15:00	5,491.23	1,372.81	0.00	0.00	9,184.89	2,296.22
207	1991.07.26 08:00:00	0:15:00	3,517.47	879.37	0.00	0.00	11,158.64	2,789.66
207	1991.07.26 08:15:00	0:15:00	2,096.34	524.09	0.00	0.00	12,579.78	3,144.94
207	1991.07.26 08:30:00	0:15:00	1,170.26	292.57	0.00	0.00	13,505.86	3,376.47
207	1991.07.26 08:45:00	0:15:00	572.23	143.06	0.00	0.00	14,103.89	3,525.97
207	1991.07.26 09:00:00	0:15:00	264.03	66.01	133.26	33.31	14,278.84	3,569.71
207	1991.07.26 09:15:00	0:15:00	286.11	71.53	333.51	83.38	14,056.50	3,514.12
207	1991.07.26 09:30:00	0:15:00	319.61	79.90	512.67	128.17	13,843.84	3,460.96
207	1991.07.26 09:45:00	0:15:00	350.63	87.66	683.64	170.91	13,641.84	3,410.46
207	1991.07.26 10:00:00	0:15:00	377.43	94.36	759.82	189.96	13,538.86	3,384.72
207	1991.07.26 10:15:00	0:15:00	399.52	99.88	823.35	205.84	13,453.25	3,363.31
207	1991.07.26 10:30:00	0:15:00	414.40	103.60	898.79	224.70	13,362.93	3,340.73
207	1991.07.26 10:45:00	0:15:00	427.06	106.77	986.88	246.72	13,262.18	3,315.55
207	1991.07.26 11:00:00	0:15:00	424.83	106.21	1,041.22	260.31	13,210.07	3,302.52
207	1991.07.26 11:15:00	0:15:00	414.40	103.60	1,113.93	278.48	13,147.78	3,286.95
207	1991.07.26 11:30:00	0:15:00	400.51	100.13	1,155.37	288.84	13,120.24	3,280.06
207	1991.07.26 11:45:00	0:15:00	389.34	97.34	1,225.10	306.28	13,061.68	3,265.42
207	1991.07.26 12:00:00	0:15:00	375.20	93.80	1,252.64	313.16	13,048.28	3,262.07
207	1991.07.26 12:15:00	0:15:00	362.54	90.64	1,317.41	329.35	12,996.17	3,249.04

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
207	1991.07.26 12:30:00	0:15:00	342.69	85.67	1,341.98	335.49	12,991.45	3,247.86
207	1991.07.26 12:45:00	0:15:00	318.37	79.59	1,404.26	351.07	12,953.49	3,238.37
207	1991.07.26 13:00:00	0:15:00	286.86	71.71	1,412.20	353.05	12,977.06	3,244.27
207	1991.07.26 13:15:00	0:15:00	273.71	68.43	1,463.32	365.83	12,939.09	3,234.77
207	1991.07.26 13:30:00	0:15:00	305.22	76.31	1,467.29	366.82	12,903.61	3,225.90
207	1991.07.26 13:45:00	0:15:00	366.26	91.57	1,472.00	368.00	12,837.85	3,209.46
207	1991.07.26 14:00:00	0:15:00	440.71	110.18	1,403.02	350.76	12,832.39	3,208.10
207	1991.07.26 14:15:00	0:15:00	633.02	158.26	1,387.39	346.85	12,655.71	3,163.93
207	1991.07.26 14:30:00	0:15:00	858.83	214.71	1,300.29	325.07	12,517.00	3,129.25
207	1991.07.26 14:45:00	0:15:00	1,091.84	272.96	1,251.40	312.85	12,332.87	3,083.22
207	1991.07.26 15:00:00	0:15:00	1,327.83	331.96	1,151.90	287.97	12,196.39	3,049.10
207	1991.07.26 15:15:00	0:15:00	1,550.17	387.54	1,074.47	268.62	12,051.47	3,012.87
207	1991.07.26 15:30:00	0:15:00	1,787.65	446.91	945.19	236.30	11,943.28	2,985.82
207	1991.07.26 15:45:00	0:15:00	2,041.25	510.31	875.96	218.99	11,758.91	2,939.73
207	1991.07.26 16:00:00	0:15:00	2,288.90	572.23	801.02	200.25	11,586.20	2,896.55
207	1991.07.26 16:15:00	0:15:00	2,559.63	639.91	689.85	172.46	11,426.64	2,856.66
207	1991.07.26 16:30:00	0:15:00	2,846.74	711.68	484.38	121.10	11,345.00	2,836.25
207	1991.07.26 16:45:00	0:15:00	3,160.64	790.16	273.71	68.43	11,241.77	2,810.44
207	1991.07.26 17:00:00	0:15:00	3,632.12	908.03	17.12	4.28	11,026.88	2,756.72
207	1991.07.26 17:15:00	0:15:00	4,252.48	1,063.12	0.00	0.00	10,423.63	2,605.91
207	1991.07.26 17:30:00	0:15:00	5,086.50	1,271.63	0.00	0.00	9,589.61	2,397.40
207	1991.07.26 17:45:00	0:15:00	6,071.40	1,517.85	0.00	0.00	8,604.72	2,151.18
207	1991.07.26 18:00:00	0:15:00	7,174.16	1,793.54	0.00	0.00	7,501.96	1,875.49
207	1991.07.26 18:15:00	0:15:00	8,647.40	2,161.85	0.00	0.00	6,028.72	1,507.18
207	1991.07.26 18:30:00	0:15:00	10,480.96	2,620.24	0.00	0.00	4,195.16	1,048.79
207	1991.07.26 18:45:00	0:15:00	12,418.98	3,104.75	0.00	0.00	2,257.14	564.29
207	1991.07.26 19:00:00	0:15:00	14,202.90	3,550.73	0.00	0.00	473.22	118.30
207	1991.07.26 19:15:00	0:12:36	14,666.94	3,080.06	0.00	0.00	9.18	1.93
207	1991.07.26 19:25:12	0:05:24	14,676.12	1,320.85	0.00	0.00	0.00	0.00
214	1991.08.02 07:12:36	0:01:12	12,605.09	252.10	0.00	0.00	2,071.03	41.42
214	1991.08.02 07:15:00	0:09:00	12,358.18	1,853.73	0.00	0.00	2,317.94	347.69
214	1991.08.02 07:30:00	0:15:00	9,002.50	2,250.63	0.00	0.00	5,673.62	1,418.40
214	1991.08.02 07:45:00	0:15:00	6,185.30	1,546.32	0.00	0.00	8,490.82	2,122.71
214	1991.08.02 08:00:00	0:15:00	4,018.23	1,004.56	0.00	0.00	10,657.88	2,664.47
214	1991.08.02 08:15:00	0:15:00	2,407.52	601.88	0.00	0.00	12,268.60	3,067.15
214	1991.08.02 08:30:00	0:15:00	1,375.48	343.87	0.00	0.00	13,300.64	3,325.16
214	1991.08.02 08:45:00	0:15:00	726.08	181.52	106.95	26.74	13,843.09	3,460.77
214	1991.08.02 09:00:00	0:15:00	343.44	85.86	312.42	78.10	14,020.27	3,505.07
214	1991.08.02 09:15:00	0:15:00	318.62	79.66	517.14	129.28	13,840.36	3,460.09
214	1991.08.02 09:30:00	0:15:00	352.12	88.03	686.87	171.72	13,637.13	3,409.28
214	1991.08.02 09:45:00	0:15:00	384.38	96.10	793.08	198.27	13,498.66	3,374.67
214	1991.08.02 10:00:00	0:15:00	401.00	100.25	894.57	223.64	13,380.55	3,345.14
214	1991.08.02 10:15:00	0:15:00	418.13	104.53	993.58	248.39	13,264.41	3,316.10
214	1991.08.02 10:30:00	0:15:00	430.29	107.57	1,069.01	267.25	13,176.82	3,294.20
214	1991.08.02 10:45:00	0:15:00	444.93	111.23	1,148.17	287.04	13,083.02	3,270.76
214	1991.08.02 11:00:00	0:15:00	443.69	110.92	1,204.50	301.13	13,027.93	3,256.98
214	1991.08.02 11:15:00	0:15:00	431.53	107.88	1,271.75	317.94	12,972.84	3,243.21
214	1991.08.02 11:30:00	0:15:00	418.38	104.59	1,308.97	327.24	12,948.77	3,237.19
214	1991.08.02 11:45:00	0:15:00	406.96	101.74	1,372.75	343.19	12,896.41	3,224.10
214	1991.08.02 12:00:00	0:15:00	392.07	98.02	1,402.52	350.63	12,881.52	3,220.38
214	1991.08.02 12:15:00	0:15:00	379.91	94.98	1,467.79	366.95	12,828.42	3,207.11
214	1991.08.02 12:30:00	0:15:00	359.07	89.77	1,496.32	374.08	12,820.73	3,205.18
214	1991.08.02 12:45:00	0:15:00	333.01	83.25	1,565.31	391.33	12,777.80	3,194.45
214	1991.08.02 13:00:00	0:15:00	301.00	75.25	1,579.45	394.86	12,795.67	3,198.92
214	1991.08.02 13:15:00	0:15:00	290.83	72.71	1,632.06	408.02	12,753.23	3,188.31
214	1991.08.02 13:30:00	0:15:00	324.08	81.02	1,646.20	411.55	12,705.84	3,176.46
214	1991.08.02 13:45:00	0:15:00	390.33	97.58	1,648.93	412.23	12,636.85	3,159.21

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
214	1991.08.02 14:00:00	0:15:00	467.51	116.88	1,583.17	395.79	12,625.44	3,156.36
214	1991.08.02 14:15:00	0:15:00	675.95	168.99	1,563.82	390.96	12,436.35	3,109.09
214	1991.08.02 14:30:00	0:15:00	909.95	227.49	1,474.49	368.62	12,291.68	3,072.92
214	1991.08.02 14:45:00	0:15:00	1,151.65	287.91	1,440.99	360.25	12,083.49	3,020.87
214	1991.08.02 15:00:00	0:15:00	1,391.61	347.90	1,351.41	337.85	11,933.11	2,983.28
214	1991.08.02 15:15:00	0:15:00	1,617.42	404.35	1,278.70	319.67	11,780.00	2,945.00
214	1991.08.02 15:30:00	0:15:00	1,875.24	468.81	1,136.51	284.13	11,664.37	2,916.09
214	1991.08.02 15:45:00	0:15:00	2,153.17	538.29	1,061.32	265.33	11,461.63	2,865.41
214	1991.08.02 16:00:00	0:15:00	2,425.38	606.35	952.39	238.10	11,298.35	2,824.59
214	1991.08.02 16:15:00	0:15:00	2,708.02	677.01	868.51	217.13	11,099.59	2,774.90
214	1991.08.02 16:30:00	0:15:00	2,997.36	749.34	723.35	180.84	10,955.41	2,738.85
214	1991.08.02 16:45:00	0:15:00	3,348.49	837.12	513.42	128.35	10,814.22	2,703.55
214	1991.08.02 17:00:00	0:15:00	3,871.08	967.77	237.97	59.49	10,567.06	2,641.77
214	1991.08.02 17:15:00	0:15:00	4,508.82	1,127.21	0.00	0.00	10,167.30	2,541.83
214	1991.08.02 17:30:00	0:15:00	5,304.38	1,326.09	0.00	0.00	9,371.74	2,342.94
214	1991.08.02 17:45:00	0:15:00	6,327.48	1,581.87	0.00	0.00	8,348.64	2,087.16
214	1991.08.02 18:00:00	0:15:00	7,591.79	1,897.95	0.00	0.00	7,084.33	1,771.08
214	1991.08.02 18:15:00	0:15:00	9,190.10	2,297.53	0.00	0.00	5,486.02	1,371.51
214	1991.08.02 18:30:00	0:15:00	11,242.27	2,810.57	0.00	0.00	3,433.85	858.46
214	1991.08.02 18:45:00	0:15:00	13,059.69	3,264.92	0.00	0.00	1,616.43	404.11
214	1991.08.02 19:00:00	0:15:00	14,627.98	3,656.99	0.00	0.00	48.14	12.04
214	1991.08.02 19:15:00	0:09:00	14,661.97	2,199.30	0.00	0.00	14.14	2.12
214	1991.08.02 19:18:36	0:01:48	14,674.13	440.22	0.00	0.00	1.99	0.06
221	1991.08.09 07:19:12	0:05:24	12,834.87	1,155.14	0.00	0.00	1,841.25	165.71
221	1991.08.09 07:30:00	0:12:36	10,328.35	2,168.95	0.00	0.00	4,347.77	913.03
221	1991.08.09 07:45:00	0:15:00	6,994.75	1,748.69	0.00	0.00	7,681.37	1,920.34
221	1991.08.09 08:00:00	0:15:00	4,643.81	1,160.95	0.00	0.00	10,032.31	2,508.08
221	1991.08.09 08:15:00	0:15:00	2,816.96	704.24	0.00	0.00	11,859.16	2,964.79
221	1991.08.09 08:30:00	0:15:00	1,654.39	413.60	88.09	22.02	12,933.63	3,233.41
221	1991.08.09 08:45:00	0:15:00	936.01	234.00	319.36	79.84	13,420.75	3,355.19
221	1991.08.09 09:00:00	0:15:00	487.36	121.84	533.02	133.26	13,655.74	3,413.94
221	1991.08.09 09:15:00	0:15:00	357.33	89.33	687.61	171.90	13,631.17	3,407.79
221	1991.08.09 09:30:00	0:15:00	384.88	96.22	823.35	205.84	13,467.89	3,366.97
221	1991.08.09 09:45:00	0:15:00	405.97	101.49	975.22	243.80	13,294.94	3,323.73
221	1991.08.09 10:00:00	0:15:00	421.10	105.28	1,102.76	275.69	13,152.25	3,288.06
221	1991.08.09 10:15:00	0:15:00	438.48	109.62	1,212.20	303.05	13,025.45	3,256.36
221	1991.08.09 10:30:00	0:15:00	449.15	112.29	1,286.89	321.72	12,940.09	3,235.02
221	1991.08.09 10:45:00	0:15:00	464.03	116.01	1,359.35	339.84	12,852.74	3,213.19
221	1991.08.09 11:00:00	0:15:00	465.77	116.44	1,398.06	349.51	12,812.29	3,203.07
221	1991.08.09 11:15:00	0:15:00	455.60	113.90	1,461.58	365.40	12,758.94	3,189.74
221	1991.08.09 11:30:00	0:15:00	440.71	110.18	1,490.86	372.72	12,744.55	3,186.14
221	1991.08.09 11:45:00	0:15:00	426.81	106.70	1,545.46	386.36	12,703.85	3,175.96
221	1991.08.09 12:00:00	0:15:00	411.68	102.92	1,573.00	393.25	12,691.44	3,172.86
221	1991.08.09 12:15:00	0:15:00	398.52	99.63	1,646.70	411.68	12,630.90	3,157.72
221	1991.08.09 12:30:00	0:15:00	377.68	94.42	1,679.95	419.99	12,618.49	3,154.62
221	1991.08.09 12:45:00	0:15:00	350.88	87.72	1,753.65	438.41	12,571.59	3,142.90
221	1991.08.09 13:00:00	0:15:00	317.63	79.41	1,775.24	443.81	12,583.25	3,145.81
221	1991.08.09 13:15:00	0:15:00	310.68	77.67	1,836.04	459.01	12,529.40	3,132.35
221	1991.08.09 13:30:00	0:15:00	349.14	87.29	1,856.63	464.16	12,470.35	3,117.59
221	1991.08.09 13:45:00	0:15:00	418.87	104.72	1,852.91	463.23	12,404.34	3,101.09
221	1991.08.09 14:00:00	0:15:00	510.69	127.67	1,786.16	446.54	12,379.28	3,094.82
221	1991.08.09 14:15:00	0:15:00	738.48	184.62	1,767.79	441.95	12,169.84	3,042.46
221	1991.08.09 14:30:00	0:15:00	976.95	244.24	1,685.66	421.41	12,013.51	3,003.38
221	1991.08.09 14:45:00	0:15:00	1,229.81	307.45	1,666.30	416.58	11,780.00	2,945.00
221	1991.08.09 15:00:00	0:15:00	1,471.26	367.82	1,595.33	398.83	11,609.53	2,902.38
221	1991.08.09 15:15:00	0:15:00	1,710.22	427.56	1,530.57	382.64	11,435.33	2,858.83
221	1991.08.09 15:30:00	0:15:00	1,986.16	496.54	1,395.33	348.83	11,294.63	2,823.66

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
221	1991.08.09 15:45:00	0:15:00	2,275.50	568.88	1,309.96	327.49	11,090.65	2,772.66
221	1991.08.09 16:00:00	0:15:00	2,576.50	644.13	1,166.04	291.51	10,933.58	2,733.39
221	1991.08.09 16:15:00	0:15:00	2,891.90	722.97	1,071.74	267.94	10,712.48	2,678.12
221	1991.08.09 16:30:00	0:15:00	3,206.80	801.70	936.01	234.00	10,533.32	2,633.33
221	1991.08.09 16:45:00	0:15:00	3,619.21	904.80	784.39	196.10	10,272.51	2,568.13
221	1991.08.09 17:00:00	0:15:00	4,165.14	1,041.28	529.30	132.32	9,981.69	2,495.42
221	1991.08.09 17:15:00	0:15:00	4,851.76	1,212.94	223.33	55.83	9,601.03	2,400.26
221	1991.08.09 17:30:00	0:15:00	5,649.55	1,412.39	0.00	0.00	9,026.57	2,256.64
221	1991.08.09 17:45:00	0:15:00	6,737.92	1,684.48	0.00	0.00	7,938.20	1,984.55
221	1991.08.09 18:00:00	0:15:00	8,185.35	2,046.34	0.00	0.00	6,490.76	1,622.69
221	1991.08.09 18:15:00	0:15:00	9,974.74	2,493.68	0.00	0.00	4,701.38	1,175.35
221	1991.08.09 18:30:00	0:15:00	12,299.87	3,074.97	0.00	0.00	2,376.25	594.06
221	1991.08.09 18:45:00	0:20:24	13,979.82	4,753.14	0.00	0.00	696.30	236.74
221	1991.08.09 19:10:48	0:12:36	14,630.71	3,072.45	0.00	0.00	45.41	9.54
228	1991.08.16 07:25:12	0:02:24	12,871.60	514.86	0.00	0.00	1,804.52	72.18
228	1991.08.16 07:30:00	0:10:12	12,001.35	2,040.23	0.00	0.00	2,674.77	454.71
228	1991.08.16 07:45:00	0:15:00	8,054.09	2,013.52	0.00	0.00	6,622.03	1,655.51
228	1991.08.16 08:00:00	0:15:00	5,316.78	1,329.20	0.00	0.00	9,359.34	2,339.83
228	1991.08.16 08:15:00	0:15:00	3,362.88	840.72	76.68	19.17	11,236.56	2,809.14
228	1991.08.16 08:30:00	0:15:00	2,070.78	517.70	319.86	79.97	12,285.48	3,071.37
228	1991.08.16 08:45:00	0:15:00	1,203.76	300.94	550.89	137.72	12,921.48	3,230.37
228	1991.08.16 09:00:00	0:15:00	670.74	167.69	704.49	176.12	13,300.89	3,325.22
228	1991.08.16 09:15:00	0:15:00	394.55	98.64	892.33	223.08	13,389.23	3,347.31
228	1991.08.16 09:30:00	0:15:00	409.69	102.42	1,053.38	263.35	13,213.05	3,303.26
228	1991.08.16 09:45:00	0:15:00	427.80	106.95	1,217.16	304.29	13,031.16	3,257.79
228	1991.08.16 10:00:00	0:15:00	446.42	111.60	1,342.72	335.68	12,886.98	3,221.75
228	1991.08.16 10:15:00	0:15:00	460.81	115.20	1,472.75	368.19	12,742.56	3,185.64
228	1991.08.16 10:30:00	0:15:00	472.97	118.24	1,542.73	385.68	12,660.43	3,165.11
228	1991.08.16 10:45:00	0:15:00	486.62	121.65	1,593.60	398.40	12,595.91	3,148.98
228	1991.08.16 11:00:00	0:15:00	491.33	122.83	1,619.16	404.79	12,565.63	3,141.41
228	1991.08.16 11:15:00	0:15:00	481.40	120.35	1,669.78	417.44	12,524.94	3,131.23
228	1991.08.16 11:30:00	0:15:00	467.26	116.82	1,690.62	422.66	12,518.24	3,129.56
228	1991.08.16 11:45:00	0:15:00	448.90	112.22	1,749.43	437.36	12,477.79	3,119.45
228	1991.08.16 12:00:00	0:15:00	434.26	108.56	1,775.74	443.93	12,466.13	3,116.53
228	1991.08.16 12:15:00	0:15:00	418.62	104.66	1,851.17	462.79	12,406.32	3,101.58
228	1991.08.16 12:30:00	0:15:00	398.28	99.57	1,887.40	471.85	12,390.44	3,097.61
228	1991.08.16 12:45:00	0:15:00	368.99	92.25	1,971.77	492.94	12,335.35	3,083.84
228	1991.08.16 13:00:00	0:15:00	338.22	84.56	1,999.81	499.95	12,338.08	3,084.52
228	1991.08.16 13:15:00	0:15:00	336.98	84.25	2,068.55	517.14	12,270.59	3,067.65
228	1991.08.16 13:30:00	0:15:00	381.90	95.47	2,093.36	523.34	12,200.86	3,050.22
228	1991.08.16 13:45:00	0:15:00	456.34	114.09	2,082.20	520.55	12,137.58	3,034.40
228	1991.08.16 14:00:00	0:15:00	577.44	144.36	2,020.41	505.10	12,078.27	3,019.57
228	1991.08.16 14:15:00	0:15:00	812.93	203.23	2,003.78	500.95	11,859.41	2,964.85
228	1991.08.16 14:30:00	0:15:00	1,061.82	265.46	1,923.13	480.78	11,691.17	2,922.79
228	1991.08.16 14:45:00	0:15:00	1,323.61	330.90	1,932.32	483.08	11,420.19	2,855.05
228	1991.08.16 15:00:00	0:15:00	1,571.01	392.75	1,893.11	473.28	11,212.00	2,803.00
228	1991.08.16 15:15:00	0:15:00	1,831.07	457.77	1,829.09	457.27	11,015.96	2,753.99
228	1991.08.16 15:30:00	0:15:00	2,120.91	530.23	1,720.90	430.22	10,834.32	2,708.58
228	1991.08.16 15:45:00	0:15:00	2,429.85	607.46	1,647.44	411.86	10,598.83	2,649.71
228	1991.08.16 16:00:00	0:15:00	2,750.45	687.61	1,489.13	372.28	10,436.54	2,609.13
228	1991.08.16 16:15:00	0:15:00	3,093.39	773.35	1,356.62	339.15	10,226.11	2,556.53
228	1991.08.16 16:30:00	0:15:00	3,462.14	865.53	1,197.80	299.45	10,016.18	2,504.04
228	1991.08.16 16:45:00	0:15:00	3,968.11	992.03	1,053.88	263.47	9,654.13	2,413.53
228	1991.08.16 17:00:00	0:15:00	4,537.60	1,134.40	840.97	210.24	9,297.55	2,324.39
228	1991.08.16 17:15:00	0:15:00	5,262.94	1,315.73	598.28	149.57	8,814.90	2,203.73
228	1991.08.16 17:30:00	0:15:00	6,166.93	1,541.73	196.28	49.07	8,312.90	2,078.23
228	1991.08.16 17:45:00	0:15:00	7,314.36	1,828.59	0.00	0.00	7,361.76	1,840.44

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
228	1991.08.16 18:00:00	0:15:00	8,906.47	2,226.62	0.00	0.00	5,769.65	1,442.41
228	1991.08.16 18:15:00	0:15:00	11,035.07	2,758.77	0.00	0.00	3,641.05	910.26
228	1991.08.16 18:30:00	0:15:00	13,065.90	3,266.47	0.00	0.00	1,610.22	402.56
228	1991.08.16 18:45:00	0:16:12	14,583.56	3,937.56	0.00	0.00	92.56	24.99
228	1991.08.16 19:02:23	0:08:24	14,571.40	2,040.00	0.00	0.00	104.72	14.66
235	1991.08.23 07:31:48	0:06:36	12,736.36	1,401.00	0.00	0.00	1,939.76	213.37
235	1991.08.23 07:45:00	0:13:48	9,299.28	2,138.84	0.00	0.00	5,376.83	1,236.67
235	1991.08.23 08:00:00	0:15:00	6,190.51	1,547.63	78.91	19.73	8,406.70	2,101.68
235	1991.08.23 08:15:00	0:15:00	4,149.50	1,037.38	329.29	82.32	10,197.33	2,549.33
235	1991.08.23 08:30:00	0:15:00	2,609.51	652.38	553.61	138.40	11,513.00	2,878.25
235	1991.08.23 08:45:00	0:15:00	1,528.09	382.02	761.31	190.33	12,386.72	3,096.68
235	1991.08.23 09:00:00	0:15:00	849.90	212.48	968.02	242.01	12,858.20	3,214.55
235	1991.08.23 09:15:00	0:15:00	460.81	115.20	1,158.84	289.71	13,056.47	3,264.12
235	1991.08.23 09:30:00	0:15:00	439.47	109.87	1,321.38	330.35	12,915.27	3,228.82
235	1991.08.23 09:45:00	0:15:00	460.31	115.08	1,478.70	369.68	12,737.10	3,184.28
235	1991.08.23 10:00:00	0:15:00	475.95	118.99	1,609.48	402.37	12,590.70	3,147.67
235	1991.08.23 10:15:00	0:15:00	486.86	121.72	1,747.94	436.99	12,441.31	3,110.33
235	1991.08.23 10:30:00	0:15:00	500.02	125.00	1,808.49	452.12	12,367.61	3,091.90
235	1991.08.23 10:45:00	0:15:00	516.89	129.22	1,860.60	465.15	12,298.63	3,074.66
235	1991.08.23 11:00:00	0:15:00	526.32	131.58	1,874.75	468.69	12,275.05	3,068.76
235	1991.08.23 11:15:00	0:15:00	504.98	126.24	1,916.43	479.11	12,254.71	3,063.68
235	1991.08.23 11:30:00	0:15:00	487.61	121.90	1,921.89	480.47	12,266.62	3,066.65
235	1991.08.23 11:45:00	0:15:00	471.97	117.99	1,977.48	494.37	12,226.67	3,056.67
235	1991.08.23 12:00:00	0:15:00	456.34	114.09	2,009.74	502.43	12,210.04	3,052.51
235	1991.08.23 12:15:00	0:15:00	441.45	110.36	2,084.68	521.17	12,149.99	3,037.50
235	1991.08.23 12:30:00	0:15:00	419.62	104.90	2,129.84	532.46	12,126.66	3,031.67
235	1991.08.23 12:45:00	0:15:00	390.09	97.52	2,218.18	554.55	12,067.85	3,016.96
235	1991.08.23 13:00:00	0:15:00	360.06	90.02	2,259.62	564.91	12,056.44	3,014.11
235	1991.08.23 13:15:00	0:15:00	364.53	91.13	2,341.26	585.32	11,970.33	2,992.58
235	1991.08.23 13:30:00	0:15:00	418.38	104.59	2,357.64	589.41	11,900.11	2,975.03
235	1991.08.23 13:45:00	0:15:00	497.04	124.26	2,347.71	586.93	11,831.37	2,957.84
235	1991.08.23 14:00:00	0:15:00	660.07	165.02	2,289.40	572.35	11,726.65	2,931.66
235	1991.08.23 14:15:00	0:15:00	910.95	227.74	2,271.53	567.88	11,493.64	2,873.41
235	1991.08.23 14:30:00	0:15:00	1,167.78	291.94	2,216.94	554.24	11,291.40	2,822.85
235	1991.08.23 14:45:00	0:15:00	1,439.25	359.81	2,239.77	559.94	10,997.10	2,749.28
235	1991.08.23 15:00:00	0:15:00	1,691.37	422.84	2,220.66	555.17	10,764.09	2,691.02
235	1991.08.23 15:15:00	0:15:00	1,986.16	496.54	2,178.73	544.68	10,511.23	2,627.81
235	1991.08.23 15:30:00	0:15:00	2,294.11	573.53	2,109.49	527.37	10,272.51	2,568.13
235	1991.08.23 15:45:00	0:15:00	2,628.37	657.09	2,050.68	512.67	9,997.07	2,499.27
235	1991.08.23 16:00:00	0:15:00	2,977.01	744.25	1,889.63	472.41	9,809.47	2,452.37
235	1991.08.23 16:15:00	0:15:00	3,346.75	836.69	1,764.57	441.14	9,564.80	2,391.20
235	1991.08.23 16:30:00	0:15:00	3,789.19	947.30	1,570.27	392.57	9,316.65	2,329.16
235	1991.08.23 16:45:00	0:15:00	4,356.95	1,089.24	1,443.47	360.87	8,875.70	2,218.92
235	1991.08.23 17:00:00	0:15:00	4,999.16	1,249.79	1,180.43	295.11	8,496.53	2,124.13
235	1991.08.23 17:15:00	0:15:00	5,810.35	1,452.59	930.05	232.51	7,935.72	1,983.93
235	1991.08.23 17:30:00	0:15:00	6,849.34	1,712.33	644.93	161.23	7,181.85	1,795.46
235	1991.08.23 17:45:00	0:15:00	8,159.05	2,039.76	177.43	44.36	6,339.64	1,584.91
235	1991.08.23 18:00:00	0:15:00	9,940.49	2,485.12	0.00	0.00	4,735.62	1,183.91
235	1991.08.23 18:15:00	0:15:00	12,242.55	3,060.64	0.00	0.00	2,433.57	608.39
235	1991.08.23 18:30:00	0:15:00	14,061.71	3,515.43	0.00	0.00	614.41	153.60
235	1991.08.23 18:45:00	0:11:24	14,590.76	2,772.24	0.00	0.00	85.36	16.22
235	1991.08.23 18:52:48	0:03:36	14,578.35	874.70	0.00	0.00	97.77	5.87
242	1991.08.30 07:37:48	0:03:36	12,432.38	745.94	3.47	0.21	2,240.27	134.42
242	1991.08.30 07:45:00	0:11:24	10,886.68	2,068.47	84.37	16.03	3,705.07	703.96
242	1991.08.30 08:00:00	0:15:00	7,408.66	1,852.16	324.58	81.14	6,942.89	1,735.72
242	1991.08.30 08:15:00	0:15:00	5,019.26	1,254.81	574.46	143.62	9,082.40	2,270.60
242	1991.08.30 08:30:00	0:15:00	3,225.65	806.41	782.65	195.66	10,667.81	2,666.95

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
242	1991.08.30 08:45:00	0:15:00	1,913.21	478.30	1,031.79	257.95	11,731.12	2,932.78
242	1991.08.30 09:00:00	0:15:00	1,060.58	265.14	1,257.61	314.40	12,357.94	3,089.48
242	1991.08.30 09:15:00	0:15:00	579.92	144.98	1,453.64	363.41	12,642.56	3,160.64
242	1991.08.30 09:30:00	0:15:00	482.15	120.54	1,616.18	404.04	12,577.79	3,144.45
242	1991.08.30 09:45:00	0:15:00	489.59	122.40	1,779.21	444.80	12,407.32	3,101.83
242	1991.08.30 10:00:00	0:15:00	507.21	126.80	1,904.77	476.19	12,264.14	3,066.03
242	1991.08.30 10:15:00	0:15:00	528.30	132.08	2,029.09	507.27	12,118.72	3,029.68
242	1991.08.30 10:30:00	0:15:00	537.49	134.37	2,109.99	527.50	12,028.65	3,007.16
242	1991.08.30 10:45:00	0:15:00	539.72	134.93	2,177.98	544.50	11,958.42	2,989.61
242	1991.08.30 11:00:00	0:15:00	545.92	136.48	2,168.05	542.01	11,962.14	2,990.54
242	1991.08.30 11:15:00	0:15:00	532.52	133.13	2,185.92	546.48	11,957.68	2,989.42
242	1991.08.30 11:30:00	0:15:00	512.92	128.23	2,186.67	546.67	11,976.53	2,994.13
242	1991.08.30 11:45:00	0:15:00	499.77	124.94	2,243.74	560.94	11,932.61	2,983.15
242	1991.08.30 12:00:00	0:15:00	481.90	120.48	2,272.52	568.13	11,921.69	2,980.42
242	1991.08.30 12:15:00	0:15:00	469.00	117.25	2,350.94	587.74	11,856.18	2,964.05
242	1991.08.30 12:30:00	0:15:00	443.69	110.92	2,393.37	598.34	11,839.06	2,959.77
242	1991.08.30 12:45:00	0:15:00	414.40	103.60	2,483.20	620.80	11,778.51	2,944.63
242	1991.08.30 13:00:00	0:15:00	384.13	96.03	2,532.58	633.15	11,759.41	2,939.85
242	1991.08.30 13:15:00	0:15:00	397.53	99.38	2,629.36	657.34	11,649.23	2,912.31
242	1991.08.30 13:30:00	0:15:00	458.57	114.64	2,643.01	660.75	11,574.54	2,893.63
242	1991.08.30 13:45:00	0:15:00	541.95	135.49	2,640.53	660.13	11,493.64	2,873.41
242	1991.08.30 14:00:00	0:15:00	749.65	187.41	2,592.14	648.03	11,334.33	2,833.58
242	1991.08.30 14:15:00	0:15:00	1,017.15	254.29	2,582.96	645.74	11,076.01	2,769.00
242	1991.08.30 14:30:00	0:15:00	1,300.54	325.13	2,596.36	649.09	10,779.23	2,694.81
242	1991.08.30 14:45:00	0:15:00	1,577.47	394.37	2,632.34	658.08	10,466.32	2,616.58
242	1991.08.30 15:00:00	0:15:00	1,841.00	460.25	2,557.40	639.35	10,277.72	2,569.43
242	1991.08.30 15:15:00	0:15:00	2,164.33	541.08	2,500.82	625.21	10,010.97	2,502.74
242	1991.08.30 15:30:00	0:15:00	2,504.54	626.14	2,429.85	607.46	9,741.73	2,435.43
242	1991.08.30 15:45:00	0:15:00	2,864.11	716.03	2,397.34	599.34	9,414.67	2,353.67
242	1991.08.30 16:00:00	0:15:00	3,234.34	808.59	2,356.15	589.04	9,085.63	2,271.41
242	1991.08.30 16:15:00	0:15:00	3,663.38	915.85	2,251.18	562.80	8,761.55	2,190.39
242	1991.08.30 16:30:00	0:15:00	4,177.54	1,044.39	2,140.01	535.00	8,358.56	2,089.64
242	1991.08.30 16:45:00	0:15:00	4,804.36	1,201.09	1,962.34	490.59	7,909.42	1,977.35
242	1991.08.30 17:00:00	0:15:00	5,540.12	1,385.03	1,590.37	397.59	7,545.63	1,886.41
242	1991.08.30 17:15:00	0:15:00	6,467.69	1,616.92	1,339.00	334.75	6,869.44	1,717.36
242	1991.08.30 17:30:00	0:15:00	7,655.56	1,913.89	1,021.37	255.34	5,999.19	1,499.80
242	1991.08.30 17:45:00	0:15:00	9,190.35	2,297.59	688.11	172.03	4,797.66	1,199.42
242	1991.08.30 18:00:00	0:15:00	11,358.40	2,839.60	96.53	24.13	3,221.19	805.30
242	1991.08.30 18:15:00	0:15:00	13,187.74	3,296.93	0.00	0.00	1,488.38	372.10
242	1991.08.30 18:30:00	0:13:48	14,407.87	3,313.81	0.00	0.00	268.25	61.70
242	1991.08.30 18:42:36	0:06:36	14,634.18	1,609.76	0.00	0.00	41.94	4.61
249	1991.09.06 07:44:24	0:07:48	12,750.01	1,657.50	208.20	27.07	1,717.92	223.33
249	1991.09.06 08:00:00	0:15:00	8,870.74	2,217.68	528.06	132.01	5,277.33	1,319.33
249	1991.09.06 08:15:00	0:15:00	6,034.17	1,508.54	780.17	195.04	7,861.77	1,965.44
249	1991.09.06 08:30:00	0:15:00	3,962.90	990.72	1,047.18	261.79	9,666.04	2,416.51
249	1991.09.06 08:45:00	0:15:00	2,397.09	599.27	1,311.21	327.80	10,967.82	2,741.96
249	1991.09.06 09:00:00	0:15:00	1,342.22	335.56	1,563.82	390.96	11,770.08	2,942.52
249	1991.09.06 09:15:00	0:15:00	767.27	191.82	1,771.77	442.94	12,137.09	3,034.27
249	1991.09.06 09:30:00	0:15:00	523.34	130.84	1,937.28	484.32	12,215.50	3,053.88
249	1991.09.06 09:45:00	0:15:00	527.81	131.95	2,108.75	527.19	12,039.56	3,009.89
249	1991.09.06 10:00:00	0:15:00	537.98	134.50	2,234.56	558.64	11,903.58	2,975.90
249	1991.09.06 10:15:00	0:15:00	561.56	140.39	2,360.12	590.03	11,754.44	2,938.61
249	1991.09.06 10:30:00	0:15:00	571.73	142.93	2,442.26	610.56	11,662.13	2,915.53
249	1991.09.06 10:45:00	0:15:00	585.63	146.41	2,516.20	629.05	11,574.29	2,893.57
249	1991.09.06 11:00:00	0:15:00	591.09	147.77	2,485.68	621.42	11,599.35	2,899.84
249	1991.09.06 11:15:00	0:15:00	574.71	143.68	2,493.37	623.34	11,608.04	2,902.01
249	1991.09.06 11:30:00	0:15:00	555.10	138.78	2,486.67	621.67	11,634.34	2,908.59

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
249	1991.09.06 11:45:00	0:15:00	539.72	134.93	2,534.32	633.58	11,602.08	2,900.52
249	1991.09.06 12:00:00	0:15:00	523.34	130.84	2,566.33	641.58	11,586.45	2,896.61
249	1991.09.06 12:15:00	0:15:00	506.96	126.74	2,639.78	659.95	11,529.37	2,882.34
249	1991.09.06 12:30:00	0:15:00	484.13	121.03	2,670.05	667.51	11,521.93	2,880.48
249	1991.09.06 12:45:00	0:15:00	452.62	113.16	2,753.68	688.42	11,469.82	2,867.46
249	1991.09.06 13:00:00	0:15:00	425.32	106.33	2,792.89	698.22	11,457.91	2,864.48
249	1991.09.06 13:15:00	0:15:00	454.85	113.71	2,894.13	723.53	11,327.14	2,831.78
249	1991.09.06 13:30:00	0:15:00	512.42	128.11	2,891.15	722.79	11,272.54	2,818.14
249	1991.09.06 13:45:00	0:15:00	606.72	151.68	2,881.72	720.43	11,187.68	2,796.92
249	1991.09.06 14:00:00	0:15:00	854.37	213.59	2,835.57	708.89	10,986.18	2,746.55
249	1991.09.06 14:15:00	0:15:00	1,135.77	283.94	2,845.99	711.50	10,694.36	2,673.59
249	1991.09.06 14:30:00	0:15:00	1,433.79	358.45	2,922.42	730.61	10,319.91	2,579.98
249	1991.09.06 14:45:00	0:15:00	1,728.09	432.02	2,981.23	745.31	9,966.80	2,491.70
249	1991.09.06 15:00:00	0:15:00	2,037.78	509.44	2,920.93	730.23	9,717.41	2,429.35
249	1991.09.06 15:15:00	0:15:00	2,385.18	596.30	2,952.69	738.17	9,338.24	2,334.56
249	1991.09.06 15:30:00	0:15:00	2,739.29	684.82	2,925.65	731.41	9,011.19	2,252.80
249	1991.09.06 15:45:00	0:15:00	3,131.86	782.96	2,864.11	716.03	8,680.16	2,170.04
249	1991.09.06 16:00:00	0:15:00	3,541.79	885.45	2,796.86	699.21	8,337.47	2,084.37
249	1991.09.06 16:15:00	0:15:00	4,025.93	1,006.48	2,816.46	704.12	7,833.73	1,958.43
249	1991.09.06 16:30:00	0:15:00	4,615.03	1,153.76	2,841.77	710.44	7,219.32	1,804.83
249	1991.09.06 16:45:00	0:15:00	5,319.26	1,329.82	2,514.47	628.62	6,842.39	1,710.60
249	1991.09.06 17:00:00	0:15:00	6,171.65	1,542.91	2,064.33	516.08	6,440.14	1,610.04
249	1991.09.06 17:15:00	0:15:00	7,268.70	1,817.18	1,766.06	441.51	5,641.36	1,410.34
249	1991.09.06 17:30:00	0:15:00	8,594.80	2,148.70	1,477.96	369.49	4,603.36	1,150.84
249	1991.09.06 17:45:00	0:15:00	10,462.10	2,615.52	1,041.72	260.43	3,172.30	793.08
249	1991.09.06 18:00:00	0:15:00	12,430.64	3,107.66	610.44	152.61	1,635.04	408.76
249	1991.09.06 18:15:00	0:16:12	13,982.55	3,775.29	0.00	0.00	693.57	187.26
249	1991.09.06 18:31:48	0:08:24	14,603.16	2,044.44	0.00	0.00	72.96	10.21
256	1991.09.13 07:50:24	0:04:48	12,660.43	1,012.83	404.48	32.36	1,611.21	128.90
256	1991.09.13 08:00:00	0:12:36	10,358.12	2,175.21	656.35	137.83	3,661.65	768.95
256	1991.09.13 08:15:00	0:15:00	7,141.40	1,785.35	1,000.03	250.01	6,534.69	1,633.67
256	1991.09.13 08:30:00	0:15:00	4,773.84	1,193.46	1,305.99	326.50	8,596.29	2,149.07
256	1991.09.13 08:45:00	0:15:00	2,970.06	742.52	1,614.94	403.73	10,091.12	2,522.78
256	1991.09.13 09:00:00	0:15:00	1,696.33	424.08	1,840.50	460.13	11,139.29	2,784.82
256	1991.09.13 09:15:00	0:15:00	962.31	240.58	2,024.38	506.09	11,689.43	2,922.36
256	1991.09.13 09:30:00	0:15:00	577.44	144.36	2,173.27	543.32	11,925.42	2,981.35
256	1991.09.13 09:45:00	0:15:00	577.44	144.36	2,331.58	582.90	11,767.10	2,941.78
256	1991.09.13 10:00:00	0:15:00	582.15	145.54	2,467.57	616.89	11,626.40	2,906.60
256	1991.09.13 10:15:00	0:15:00	599.03	149.76	2,587.17	646.79	11,489.92	2,872.48
256	1991.09.13 10:30:00	0:15:00	599.77	149.94	2,687.18	671.79	11,389.17	2,847.29
256	1991.09.13 10:45:00	0:15:00	613.17	153.29	2,779.74	694.93	11,283.21	2,820.80
256	1991.09.13 11:00:00	0:15:00	613.67	153.42	2,768.32	692.08	11,294.13	2,823.53
256	1991.09.13 11:15:00	0:15:00	600.02	150.00	2,776.51	694.13	11,299.59	2,824.90
256	1991.09.13 11:30:00	0:15:00	577.69	144.42	2,770.80	692.70	11,327.63	2,831.91
256	1991.09.13 11:45:00	0:15:00	563.29	140.82	2,824.65	706.16	11,288.18	2,822.04
256	1991.09.13 12:00:00	0:15:00	542.20	135.55	2,869.07	717.27	11,264.85	2,816.21
256	1991.09.13 12:15:00	0:15:00	528.55	132.14	2,952.20	738.05	11,195.37	2,798.84
256	1991.09.13 12:30:00	0:15:00	500.51	125.13	2,989.17	747.29	11,186.44	2,796.61
256	1991.09.13 12:45:00	0:15:00	472.22	118.06	3,079.00	769.75	11,124.90	2,781.22
256	1991.09.13 13:00:00	0:15:00	451.38	112.85	3,132.35	783.09	11,092.39	2,773.10
256	1991.09.13 13:15:00	0:15:00	496.04	124.01	3,249.23	812.31	10,930.85	2,732.71
256	1991.09.13 13:30:00	0:15:00	577.44	144.36	3,196.13	799.03	10,902.56	2,725.64
256	1991.09.13 13:45:00	0:15:00	713.17	178.29	3,172.80	793.20	10,790.15	2,697.54
256	1991.09.13 14:00:00	0:15:00	995.07	248.77	3,094.63	773.66	10,586.42	2,646.61
256	1991.09.13 14:15:00	0:15:00	1,295.82	323.96	3,141.53	785.38	10,238.77	2,559.69
256	1991.09.13 14:30:00	0:15:00	1,601.78	400.45	3,234.09	808.52	9,840.24	2,460.06
256	1991.09.13 14:45:00	0:15:00	1,908.25	477.06	3,306.30	826.58	9,461.57	2,365.39

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
256	1991.09.13 15:00:00	0:15:00	2,247.46	561.87	3,325.16	831.29	9,103.50	2,275.87
256	1991.09.13 15:15:00	0:15:00	2,627.87	656.97	3,445.26	861.32	8,602.99	2,150.75
256	1991.09.13 15:30:00	0:15:00	3,028.63	757.16	3,493.90	873.48	8,153.59	2,038.40
256	1991.09.13 15:45:00	0:15:00	3,449.73	862.43	3,543.03	885.76	7,683.35	1,920.84
256	1991.09.13 16:00:00	0:15:00	3,899.62	974.91	3,490.67	872.67	7,285.82	1,821.46
256	1991.09.13 16:15:00	0:15:00	4,441.08	1,110.27	3,571.32	892.83	6,663.72	1,665.93
256	1991.09.13 16:30:00	0:15:00	5,096.93	1,274.23	3,358.91	839.73	6,220.28	1,555.07
256	1991.09.13 16:45:00	0:15:00	5,900.42	1,475.11	2,928.13	732.03	5,847.57	1,461.89
256	1991.09.13 17:00:00	0:15:00	6,903.43	1,725.86	2,482.21	620.55	5,290.48	1,322.62
256	1991.09.13 17:15:00	0:15:00	8,144.41	2,036.10	2,238.53	559.63	4,293.18	1,073.30
256	1991.09.13 17:30:00	0:15:00	9,743.71	2,435.93	1,839.26	459.82	3,093.14	773.29
256	1991.09.13 17:45:00	0:15:00	11,694.64	2,923.66	1,386.39	346.60	1,595.09	398.77
256	1991.09.13 18:00:00	0:15:00	13,276.08	3,319.02	902.76	225.69	497.29	124.32
256	1991.09.13 18:15:00	0:10:48	14,042.85	2,527.71	385.62	69.41	247.65	44.58
256	1991.09.13 18:21:00	0:03:00	14,399.44	719.97	180.90	9.05	95.78	4.79
263	1991.09.20 07:57:00	0:01:12	12,414.26	248.29	464.53	9.29	1,797.32	35.95
263	1991.09.20 08:00:00	0:09:00	11,638.56	1,745.78	615.90	92.39	2,421.66	363.25
263	1991.09.20 08:15:00	0:15:00	8,310.92	2,077.73	1,117.90	279.48	5,247.30	1,311.83
263	1991.09.20 08:30:00	0:15:00	5,662.45	1,415.61	1,523.87	380.97	7,489.80	1,872.45
263	1991.09.20 08:45:00	0:15:00	3,642.04	910.51	1,812.96	453.24	9,221.12	2,305.28
263	1991.09.20 09:00:00	0:15:00	2,121.90	530.48	2,047.21	511.80	10,507.01	2,626.75
263	1991.09.20 09:15:00	0:15:00	1,210.21	302.55	2,213.96	553.49	11,251.95	2,812.99
263	1991.09.20 09:30:00	0:15:00	703.74	175.94	2,372.78	593.19	11,599.60	2,899.90
263	1991.09.20 09:45:00	0:15:00	631.53	157.88	2,530.84	632.71	11,513.74	2,878.44
263	1991.09.20 10:00:00	0:15:00	640.96	160.24	2,656.65	664.16	11,378.50	2,844.63
263	1991.09.20 10:15:00	0:15:00	647.17	161.79	2,789.41	697.35	11,239.54	2,809.89
263	1991.09.20 10:30:00	0:15:00	644.68	161.17	2,897.11	724.28	11,134.33	2,783.58
263	1991.09.20 10:45:00	0:15:00	651.88	162.97	3,002.32	750.58	11,021.92	2,755.48
263	1991.09.20 11:00:00	0:15:00	657.34	164.34	3,026.39	756.60	10,992.39	2,748.10
263	1991.09.20 11:15:00	0:15:00	641.46	160.37	3,069.57	767.39	10,965.09	2,741.27
263	1991.09.20 11:30:00	0:15:00	620.37	155.09	3,085.70	771.43	10,970.05	2,742.51
263	1991.09.20 11:45:00	0:15:00	602.00	150.50	3,167.84	791.96	10,906.28	2,726.57
263	1991.09.20 12:00:00	0:15:00	587.36	146.84	3,233.60	808.40	10,855.16	2,713.79
263	1991.09.20 12:15:00	0:15:00	570.49	142.62	3,337.32	834.33	10,768.31	2,692.08
263	1991.09.20 12:30:00	0:15:00	544.43	136.11	3,399.85	849.96	10,731.83	2,682.96
263	1991.09.20 12:45:00	0:15:00	517.63	129.41	3,513.50	878.38	10,644.98	2,661.25
263	1991.09.20 13:00:00	0:15:00	496.54	124.14	3,584.23	896.06	10,595.35	2,648.84
263	1991.09.20 13:15:00	0:15:00	553.61	138.40	3,703.58	925.90	10,418.92	2,604.73
263	1991.09.20 13:30:00	0:15:00	630.54	157.64	3,630.63	907.66	10,414.95	2,603.74
263	1991.09.20 13:45:00	0:15:00	829.55	207.39	3,597.87	899.47	10,248.69	2,562.17
263	1991.09.20 14:00:00	0:15:00	1,126.34	281.58	3,518.72	879.68	10,031.07	2,507.77
263	1991.09.20 14:15:00	0:15:00	1,456.12	364.03	3,620.70	905.18	9,599.29	2,399.82
263	1991.09.20 14:30:00	0:15:00	1,779.46	444.86	3,717.23	929.31	9,179.43	2,294.86
263	1991.09.20 14:45:00	0:15:00	2,126.61	531.65	3,791.43	947.86	8,758.08	2,189.52
263	1991.09.20 15:00:00	0:15:00	2,508.51	627.13	3,885.97	971.49	8,281.64	2,070.41
263	1991.09.20 15:15:00	0:15:00	2,922.67	730.67	4,067.12	1,016.78	7,686.33	1,921.58
263	1991.09.20 15:30:00	0:15:00	3,347.00	836.75	4,192.43	1,048.11	7,136.69	1,784.17
263	1991.09.20 15:45:00	0:15:00	3,801.35	950.34	4,338.59	1,084.65	6,536.17	1,634.04
263	1991.09.20 16:00:00	0:15:00	4,295.91	1,073.98	4,396.16	1,099.04	5,984.05	1,496.01
263	1991.09.20 16:15:00	0:15:00	4,925.46	1,231.36	4,523.71	1,130.93	5,226.95	1,306.74
263	1991.09.20 16:30:00	0:15:00	5,648.80	1,412.20	4,002.85	1,000.71	5,024.47	1,256.12
263	1991.09.20 16:45:00	0:15:00	6,556.77	1,639.19	3,457.92	864.48	4,661.43	1,165.36
263	1991.09.20 17:00:00	0:15:00	7,700.73	1,925.18	3,021.18	755.30	3,954.21	988.55
263	1991.09.20 17:15:00	0:15:00	9,121.86	2,280.47	2,678.74	669.69	2,875.52	718.88
263	1991.09.20 17:30:00	0:15:00	11,090.90	2,772.73	2,181.95	545.49	1,403.27	350.82
263	1991.09.20 17:45:00	0:15:00	12,477.05	3,119.26	1,650.17	412.54	548.90	137.23
263	1991.09.20 18:00:00	0:12:36	13,367.89	2,807.26	1,110.70	233.25	197.52	41.48

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
263	1991.09.20 18:09:36	0:04:48	13,868.40	1,109.47	744.94	59.60	62.78	5.02
270	1991.09.27 08:03:00	0:06:00	12,191.43	1,219.14	493.81	49.38	1,990.88	199.09
270	1991.09.27 08:15:00	0:13:12	9,462.07	2,081.66	1,137.26	250.20	4,076.80	896.90
270	1991.09.27 08:30:00	0:15:00	6,770.42	1,692.61	1,613.94	403.49	6,291.75	1,572.94
270	1991.09.27 08:45:00	0:15:00	4,434.62	1,108.66	1,963.58	490.90	8,277.91	2,069.48
270	1991.09.27 09:00:00	0:15:00	2,700.08	675.02	2,270.29	567.57	9,705.75	2,426.44
270	1991.09.27 09:15:00	0:15:00	1,521.63	380.41	2,560.87	640.22	10,593.61	2,648.40
270	1991.09.27 09:30:00	0:15:00	874.22	218.56	2,766.58	691.65	11,035.32	2,758.83
270	1991.09.27 09:45:00	0:15:00	683.40	170.85	2,933.59	733.40	11,059.14	2,764.78
270	1991.09.27 10:00:00	0:15:00	686.13	171.53	3,058.16	764.54	10,931.84	2,732.96
270	1991.09.27 10:15:00	0:15:00	692.08	173.02	3,178.51	794.63	10,805.53	2,701.38
270	1991.09.27 10:30:00	0:15:00	694.07	173.52	3,244.76	811.19	10,737.29	2,684.32
270	1991.09.27 10:45:00	0:15:00	698.78	174.70	3,330.62	832.66	10,646.72	2,661.68
270	1991.09.27 11:00:00	0:15:00	701.51	175.38	3,365.11	841.28	10,609.50	2,652.37
270	1991.09.27 11:15:00	0:15:00	686.87	171.72	3,438.07	859.52	10,551.18	2,637.80
270	1991.09.27 11:30:00	0:15:00	665.53	166.38	3,473.30	868.33	10,537.29	2,634.32
270	1991.09.27 11:45:00	0:15:00	644.44	161.11	3,576.78	894.20	10,454.90	2,613.73
270	1991.09.27 12:00:00	0:15:00	624.09	156.02	3,655.69	913.92	10,396.34	2,599.09
270	1991.09.27 12:15:00	0:15:00	607.21	151.80	3,787.21	946.80	10,281.70	2,570.42
270	1991.09.27 12:30:00	0:15:00	573.71	143.43	3,881.26	970.31	10,221.15	2,555.29
270	1991.09.27 12:45:00	0:15:00	544.43	136.11	4,027.91	1,006.98	10,103.77	2,525.94
270	1991.09.27 13:00:00	0:15:00	542.45	135.61	4,113.77	1,028.44	10,019.90	2,504.98
270	1991.09.27 13:15:00	0:15:00	612.43	153.11	4,189.70	1,047.43	9,873.99	2,468.50
270	1991.09.27 13:30:00	0:15:00	697.54	174.39	4,108.81	1,027.20	9,869.77	2,467.44
270	1991.09.27 13:45:00	0:15:00	954.62	238.66	4,054.71	1,013.68	9,666.79	2,416.70
270	1991.09.27 14:00:00	0:15:00	1,266.79	316.70	4,000.12	1,000.03	9,409.21	2,352.30
270	1991.09.27 14:15:00	0:15:00	1,603.52	400.88	4,153.97	1,038.49	8,918.63	2,229.66
270	1991.09.27 14:30:00	0:15:00	1,932.07	483.02	4,261.91	1,065.48	8,482.14	2,120.53
270	1991.09.27 14:45:00	0:15:00	2,312.23	578.06	4,408.07	1,102.02	7,955.82	1,988.96
270	1991.09.27 15:00:00	0:15:00	2,709.01	677.25	4,572.34	1,143.09	7,394.76	1,848.69
270	1991.09.27 15:15:00	0:15:00	3,150.47	787.62	4,822.72	1,205.68	6,702.93	1,675.73
270	1991.09.27 15:30:00	0:15:00	3,616.98	904.25	5,016.53	1,254.13	6,042.61	1,510.65
270	1991.09.27 15:45:00	0:15:00	4,123.20	1,030.80	5,233.16	1,308.29	5,319.76	1,329.94
270	1991.09.27 16:00:00	0:15:00	4,689.72	1,172.43	5,492.47	1,373.12	4,493.93	1,123.48
270	1991.09.27 16:15:00	0:15:00	5,376.34	1,344.09	5,251.52	1,312.88	4,048.26	1,012.07
270	1991.09.27 16:30:00	0:15:00	6,228.47	1,557.12	4,610.31	1,152.58	3,837.34	959.33
270	1991.09.27 16:45:00	0:15:00	7,305.43	1,826.36	4,022.20	1,005.55	3,348.49	837.12
270	1991.09.27 17:00:00	0:15:00	8,635.74	2,158.94	3,500.35	875.09	2,540.03	635.01
270	1991.09.27 17:15:00	0:15:00	10,365.32	2,591.33	3,034.58	758.65	1,276.22	319.05
270	1991.09.27 17:30:00	0:15:00	11,867.10	2,966.78	2,401.56	600.39	407.46	101.86
270	1991.09.27 17:45:00	0:13:48	12,938.60	2,975.88	1,605.26	369.21	132.26	30.42
270	1991.09.27 17:58:11	0:06:36	13,643.33	1,500.77	1,002.76	110.30	30.03	3.30
277	1991.10.04 08:09:36	0:02:24	12,082.49	483.30	469.99	18.80	2,123.64	84.95
277	1991.10.04 08:15:00	0:10:12	10,675.75	1,814.88	949.90	161.48	3,050.46	518.58
277	1991.10.04 08:30:00	0:15:00	7,873.44	1,968.36	1,608.73	402.18	5,193.95	1,298.49
277	1991.10.04 08:45:00	0:15:00	5,319.02	1,329.75	2,075.25	518.81	7,281.85	1,820.46
277	1991.10.04 09:00:00	0:15:00	3,329.13	832.28	2,551.69	637.92	8,795.30	2,198.83
277	1991.10.04 09:15:00	0:15:00	1,947.95	486.99	2,926.89	731.72	9,801.28	2,450.32
277	1991.10.04 09:30:00	0:15:00	1,105.49	276.37	3,164.36	791.09	10,406.26	2,601.57
277	1991.10.04 09:45:00	0:15:00	747.91	186.98	3,353.45	838.36	10,574.76	2,643.69
277	1991.10.04 10:00:00	0:15:00	741.96	185.49	3,478.02	869.51	10,456.14	2,614.04
277	1991.10.04 10:15:00	0:15:00	746.92	186.73	3,605.57	901.39	10,323.63	2,580.91
277	1991.10.04 10:30:00	0:15:00	743.70	185.92	3,687.21	921.80	10,245.22	2,561.30
277	1991.10.04 10:45:00	0:15:00	746.92	186.73	3,751.23	937.81	10,177.97	2,544.49
277	1991.10.04 11:00:00	0:15:00	748.91	187.23	3,769.09	942.27	10,158.12	2,539.53
277	1991.10.04 11:15:00	0:15:00	732.78	183.19	3,838.58	959.64	10,104.77	2,526.19
277	1991.10.04 11:30:00	0:15:00	707.22	176.80	3,895.15	973.79	10,073.75	2,518.44

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
277	1991.10.04 11:45:00	0:15:00	686.37	171.59	4,017.49	1,004.37	9,972.26	2,493.06
277	1991.10.04 12:00:00	0:15:00	665.28	166.32	4,135.11	1,033.78	9,875.73	2,468.93
277	1991.10.04 12:15:00	0:15:00	648.16	162.04	4,287.72	1,071.93	9,740.24	2,435.06
277	1991.10.04 12:30:00	0:15:00	614.91	153.73	4,394.67	1,098.67	9,666.54	2,416.64
277	1991.10.04 12:45:00	0:15:00	587.61	146.90	4,550.76	1,137.69	9,537.75	2,384.44
277	1991.10.04 13:00:00	0:15:00	592.33	148.08	4,650.01	1,162.50	9,433.78	2,358.45
277	1991.10.04 13:15:00	0:15:00	672.48	168.12	4,719.00	1,179.75	9,284.64	2,321.16
277	1991.10.04 13:30:00	0:15:00	787.62	196.90	4,615.03	1,153.76	9,273.48	2,318.37
277	1991.10.04 13:45:00	0:15:00	1,079.44	269.86	4,534.63	1,133.66	9,062.06	2,265.51
277	1991.10.04 14:00:00	0:15:00	1,401.28	350.32	4,542.57	1,135.64	8,732.27	2,183.07
277	1991.10.04 14:15:00	0:15:00	1,737.77	434.44	4,746.54	1,186.64	8,191.81	2,047.95
277	1991.10.04 14:30:00	0:15:00	2,086.17	521.54	4,882.53	1,220.63	7,707.43	1,926.86
277	1991.10.04 14:45:00	0:15:00	2,483.95	620.99	5,126.46	1,281.61	7,065.72	1,766.43
277	1991.10.04 15:00:00	0:15:00	2,901.33	725.33	5,354.75	1,338.69	6,420.04	1,605.01
277	1991.10.04 15:15:00	0:15:00	3,360.89	840.22	5,688.75	1,422.19	5,626.47	1,406.62
277	1991.10.04 15:30:00	0:15:00	3,858.92	964.73	5,946.83	1,486.71	4,870.37	1,217.59
277	1991.10.04 15:45:00	0:15:00	4,399.39	1,099.85	6,330.71	1,582.68	3,946.02	986.51
277	1991.10.04 16:00:00	0:15:00	5,011.07	1,252.77	6,427.24	1,606.81	3,237.81	809.45
277	1991.10.04 16:15:00	0:15:00	5,782.31	1,445.58	5,865.68	1,466.42	3,028.13	757.03
277	1991.10.04 16:30:00	0:15:00	6,768.69	1,692.17	5,159.46	1,289.87	2,747.97	686.99
277	1991.10.04 16:45:00	0:15:00	8,077.66	2,019.42	4,402.12	1,100.53	2,196.34	549.09
277	1991.10.04 17:00:00	0:15:00	9,723.86	2,430.97	3,753.46	938.37	1,198.80	299.70
277	1991.10.04 17:15:00	0:15:00	11,353.94	2,838.48	2,999.59	749.90	322.59	80.65
277	1991.10.04 17:30:00	0:16:12	12,558.69	3,390.85	2,117.43	571.71	0.00	0.00
277	1991.10.04 17:47:23	0:08:24	14,003.89	1,960.54	671.24	93.97	0.99	0.14
284	1991.10.11 08:16:11	0:07:12	11,621.19	1,394.54	724.34	86.92	2,330.59	279.67
284	1991.10.11 08:30:00	0:14:24	8,779.42	2,107.06	1,518.41	364.42	4,378.29	1,050.79
284	1991.10.11 08:45:00	0:15:00	6,216.31	1,554.08	2,213.71	553.43	6,246.09	1,561.52
284	1991.10.11 09:00:00	0:15:00	4,005.58	1,001.39	2,786.44	696.61	7,884.11	1,971.03
284	1991.10.11 09:15:00	0:15:00	2,379.72	594.93	3,273.30	818.33	9,023.10	2,255.77
284	1991.10.11 09:30:00	0:15:00	1,366.29	341.57	3,569.09	892.27	9,740.74	2,435.18
284	1991.10.11 09:45:00	0:15:00	860.08	215.02	3,805.08	951.27	10,010.97	2,502.74
284	1991.10.11 10:00:00	0:15:00	803.50	200.87	3,940.32	985.08	9,932.30	2,483.08
284	1991.10.11 10:15:00	0:15:00	803.99	201.00	4,072.58	1,018.14	9,799.55	2,449.89
284	1991.10.11 10:30:00	0:15:00	803.75	200.94	4,141.56	1,035.39	9,730.81	2,432.70
284	1991.10.11 10:45:00	0:15:00	800.02	200.01	4,203.60	1,050.90	9,672.50	2,418.12
284	1991.10.11 11:00:00	0:15:00	799.28	199.82	4,184.99	1,046.25	9,691.85	2,422.96
284	1991.10.11 11:15:00	0:15:00	783.65	195.91	4,229.16	1,057.29	9,663.31	2,415.83
284	1991.10.11 11:30:00	0:15:00	752.88	188.22	4,270.85	1,067.71	9,652.40	2,413.10
284	1991.10.11 11:45:00	0:15:00	730.54	182.64	4,388.47	1,097.12	9,557.11	2,389.28
284	1991.10.11 12:00:00	0:15:00	708.21	177.05	4,513.04	1,128.26	9,454.87	2,363.72
284	1991.10.11 12:15:00	0:15:00	691.34	172.83	4,674.58	1,168.65	9,310.20	2,327.55
284	1991.10.11 12:30:00	0:15:00	657.84	164.46	4,815.78	1,203.94	9,202.51	2,300.63
284	1991.10.11 12:45:00	0:15:00	629.80	157.45	4,999.40	1,249.85	9,046.92	2,261.73
284	1991.10.11 13:00:00	0:15:00	657.84	164.46	5,147.05	1,286.76	8,871.23	2,217.81
284	1991.10.11 13:15:00	0:15:00	743.94	185.99	5,181.79	1,295.45	8,750.38	2,187.60
284	1991.10.11 13:30:00	0:15:00	895.56	223.89	5,099.16	1,274.79	8,681.40	2,170.35
284	1991.10.11 13:45:00	0:15:00	1,200.28	300.07	5,034.39	1,258.60	8,441.44	2,110.36
284	1991.10.11 14:00:00	0:15:00	1,531.31	382.83	5,131.17	1,282.79	8,013.64	2,003.41
284	1991.10.11 14:15:00	0:15:00	1,873.75	468.44	5,388.99	1,347.25	7,413.37	1,853.34
284	1991.10.11 14:30:00	0:15:00	2,248.70	562.18	5,603.14	1,400.79	6,824.27	1,706.07
284	1991.10.11 14:45:00	0:15:00	2,653.43	663.36	5,933.68	1,483.42	6,089.01	1,522.25
284	1991.10.11 15:00:00	0:15:00	3,087.69	771.92	6,245.84	1,561.46	5,342.59	1,335.65
284	1991.10.11 15:15:00	0:15:00	3,556.43	889.11	6,675.14	1,668.78	4,444.55	1,111.14
284	1991.10.11 15:30:00	0:15:00	4,078.53	1,019.63	7,040.16	1,760.04	3,557.43	889.36
284	1991.10.11 15:45:00	0:15:00	4,644.31	1,161.08	7,627.52	1,906.88	2,404.29	601.07
284	1991.10.11 16:00:00	0:15:00	5,305.62	1,326.40	7,122.05	1,780.51	2,248.45	562.11

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
284	1991.10.11 16:15:00	0:15:00	6,170.90	1,542.73	6,406.39	1,601.60	2,098.82	524.71
284	1991.10.11 16:30:00	0:15:00	7,336.94	1,834.24	5,548.55	1,387.14	1,790.62	447.66
284	1991.10.11 16:45:00	0:15:00	8,892.32	2,223.08	4,586.24	1,146.56	1,197.55	299.39
284	1991.10.11 17:00:00	0:15:00	10,815.46	2,703.86	3,719.96	929.99	140.70	35.18
284	1991.10.11 17:15:00	0:15:00	11,900.60	2,975.15	2,737.30	684.33	38.22	9.55
284	1991.10.11 17:30:00	0:11:24	13,170.37	2,502.37	1,505.75	286.09	0.00	0.00
284	1991.10.11 17:37:12	0:03:36	13,989.25	839.36	686.87	41.21	0.00	0.00
291	1991.10.18 08:22:48	0:03:36	11,172.04	670.32	1,159.34	69.56	2,344.74	140.68
291	1991.10.18 08:30:00	0:10:48	9,684.65	1,743.24	1,552.65	279.48	3,438.81	618.99
291	1991.10.18 08:45:00	0:15:00	7,219.07	1,804.77	2,353.92	588.48	5,103.13	1,275.78
291	1991.10.18 09:00:00	0:15:00	4,778.06	1,194.51	3,000.09	750.02	6,897.97	1,724.49
291	1991.10.18 09:15:00	0:15:00	2,908.77	727.19	3,576.78	894.20	8,190.57	2,047.64
291	1991.10.18 09:30:00	0:15:00	1,648.44	412.11	3,948.75	987.19	9,078.93	2,269.73
291	1991.10.18 09:45:00	0:15:00	1,014.17	253.54	4,245.54	1,061.38	9,416.41	2,354.10
291	1991.10.18 10:00:00	0:15:00	870.00	217.50	4,431.40	1,107.85	9,374.72	2,343.68
291	1991.10.18 10:15:00	0:15:00	864.29	216.07	4,588.47	1,147.12	9,223.35	2,305.84
291	1991.10.18 10:30:00	0:15:00	857.84	214.46	4,674.58	1,168.65	9,143.70	2,285.92
291	1991.10.18 10:45:00	0:15:00	857.35	214.34	4,746.05	1,186.51	9,072.73	2,268.18
291	1991.10.18 11:00:00	0:15:00	850.89	212.72	4,693.19	1,173.30	9,132.03	2,283.01
291	1991.10.18 11:15:00	0:15:00	838.98	209.75	4,706.34	1,176.59	9,130.79	2,282.70
291	1991.10.18 11:30:00	0:15:00	803.99	201.00	4,698.65	1,174.66	9,173.47	2,293.37
291	1991.10.18 11:45:00	0:15:00	778.19	194.55	4,799.89	1,199.97	9,098.04	2,274.51
291	1991.10.18 12:00:00	0:15:00	755.11	188.78	4,905.85	1,226.46	9,015.16	2,253.79
291	1991.10.18 12:15:00	0:15:00	737.99	184.50	5,078.56	1,269.64	8,859.57	2,214.89
291	1991.10.18 12:30:00	0:15:00	701.01	175.25	5,224.97	1,306.24	8,750.14	2,187.53
291	1991.10.18 12:45:00	0:15:00	676.70	169.17	5,440.36	1,360.09	8,559.06	2,139.77
291	1991.10.18 13:00:00	0:15:00	717.64	179.41	5,633.17	1,408.29	8,325.31	2,081.33
291	1991.10.18 13:15:00	0:15:00	810.45	202.61	5,655.01	1,413.75	8,210.67	2,052.67
291	1991.10.18 13:30:00	0:15:00	1,001.02	250.26	5,576.59	1,394.15	8,098.50	2,024.63
291	1991.10.18 13:45:00	0:15:00	1,314.18	328.55	5,577.34	1,394.33	7,784.60	1,946.15
291	1991.10.18 14:00:00	0:15:00	1,654.89	413.72	5,784.79	1,446.20	7,236.44	1,809.11
291	1991.10.18 14:15:00	0:15:00	2,005.77	501.44	6,109.61	1,527.40	6,560.74	1,640.19
291	1991.10.18 14:30:00	0:15:00	2,396.85	599.21	6,408.88	1,602.22	5,870.40	1,467.60
291	1991.10.18 14:45:00	0:15:00	2,810.75	702.69	6,792.01	1,698.00	5,073.35	1,268.34
291	1991.10.18 15:00:00	0:15:00	3,254.69	813.67	7,199.47	1,799.87	4,221.96	1,055.49
291	1991.10.18 15:15:00	0:15:00	3,743.78	935.95	7,729.01	1,932.25	3,203.32	800.83
291	1991.10.18 15:30:00	0:15:00	4,281.02	1,070.26	8,311.91	2,077.98	2,083.19	520.80
291	1991.10.18 15:45:00	0:15:00	4,862.43	1,215.61	8,523.33	2,130.83	1,290.36	322.59
291	1991.10.18 16:00:00	0:15:00	5,607.86	1,401.97	7,750.85	1,937.71	1,317.41	329.35
291	1991.10.18 16:15:00	0:15:00	6,596.72	1,649.18	6,909.63	1,727.41	1,169.76	292.44
291	1991.10.18 16:30:00	0:15:00	7,968.72	1,992.18	5,659.47	1,414.87	1,047.92	261.98
291	1991.10.18 16:45:00	0:15:00	9,795.33	2,448.83	4,608.82	1,152.21	271.97	67.99
291	1991.10.18 17:00:00	0:15:00	11,160.38	2,790.10	3,515.74	878.93	0.00	0.00
291	1991.10.18 17:15:00	0:13:12	12,240.56	2,692.92	2,435.56	535.82	0.00	0.00
291	1991.10.18 17:27:00	0:06:00	13,822.49	1,382.25	853.62	85.36	0.00	0.00
298	1991.10.25 07:30:00	0:07:48	10,870.05	1,413.11	1,695.83	220.46	2,110.24	274.33
298	1991.10.25 07:45:00	0:15:00	8,025.05	2,006.26	2,543.00	635.75	4,108.06	1,027.02
298	1991.10.25 08:00:00	0:15:00	5,561.21	1,390.30	3,234.09	808.52	5,880.82	1,470.21
298	1991.10.25 08:15:00	0:15:00	3,557.92	889.48	3,846.02	961.51	7,272.18	1,818.04
298	1991.10.25 08:30:00	0:15:00	2,061.60	515.40	4,302.11	1,075.53	8,312.41	2,078.10
298	1991.10.25 08:45:00	0:15:00	1,215.92	303.98	4,660.93	1,165.23	8,799.27	2,199.82
298	1991.10.25 09:00:00	0:15:00	933.78	233.44	4,905.36	1,226.34	8,836.99	2,209.25
298	1991.10.25 09:15:00	0:15:00	929.31	232.33	5,097.42	1,274.36	8,649.39	2,162.35
298	1991.10.25 09:30:00	0:15:00	920.13	230.03	5,201.89	1,300.47	8,554.10	2,138.53
298	1991.10.25 09:45:00	0:15:00	913.43	228.36	5,325.47	1,331.37	8,437.22	2,109.31
298	1991.10.25 10:00:00	0:15:00	907.72	226.93	5,281.05	1,320.26	8,487.35	2,121.84
298	1991.10.25 10:15:00	0:15:00	895.31	223.83	5,291.47	1,322.87	8,489.33	2,122.33

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
298	1991.10.25 10:30:00	0:15:00	861.32	215.33	5,276.34	1,319.08	8,538.47	2,134.62
298	1991.10.25 10:45:00	0:15:00	830.55	207.64	5,381.80	1,345.45	8,463.78	2,115.94
298	1991.10.25 11:00:00	0:15:00	802.51	200.63	5,484.03	1,371.01	8,389.58	2,097.40
298	1991.10.25 11:15:00	0:15:00	785.63	196.41	5,661.71	1,415.43	8,228.78	2,057.20
298	1991.10.25 11:30:00	0:15:00	750.64	187.66	5,796.45	1,449.11	8,129.03	2,032.26
298	1991.10.25 11:45:00	0:15:00	730.54	182.64	6,044.60	1,511.15	7,900.98	1,975.25
298	1991.10.25 12:00:00	0:15:00	778.44	194.61	6,236.17	1,559.04	7,661.52	1,915.38
298	1991.10.25 12:15:00	0:15:00	877.20	219.30	6,258.00	1,564.50	7,540.92	1,885.23
298	1991.10.25 12:30:00	0:15:00	1,100.78	275.19	6,160.73	1,540.18	7,414.61	1,853.65
298	1991.10.25 12:45:00	0:15:00	1,424.11	356.03	6,213.09	1,553.27	7,038.92	1,759.73
298	1991.10.25 13:00:00	0:15:00	1,764.07	441.02	6,443.12	1,610.78	6,468.93	1,617.23
298	1991.10.25 13:15:00	0:15:00	2,135.80	533.95	6,745.11	1,686.28	5,795.21	1,448.80
298	1991.10.25 13:30:00	0:15:00	2,531.09	632.77	7,000.21	1,750.05	5,144.82	1,286.20
298	1991.10.25 13:45:00	0:15:00	2,950.21	737.55	7,380.12	1,845.03	4,345.79	1,086.45
298	1991.10.25 14:00:00	0:15:00	3,406.06	851.51	7,952.84	1,988.21	3,317.22	829.31
298	1991.10.25 14:15:00	0:15:00	3,901.11	975.28	8,758.32	2,189.58	2,016.69	504.17
298	1991.10.25 14:30:00	0:15:00	4,442.32	1,110.58	9,769.02	2,442.26	464.78	116.20
298	1991.10.25 14:45:00	0:15:00	5,060.94	1,265.24	9,211.19	2,302.80	403.98	101.00
298	1991.10.25 15:00:00	0:15:00	5,887.77	1,471.94	8,321.84	2,080.46	466.52	116.63
298	1991.10.25 15:15:00	0:15:00	7,060.26	1,765.07	7,082.10	1,770.52	533.76	133.44
298	1991.10.25 15:30:00	0:15:00	8,590.08	2,147.52	5,663.69	1,415.92	422.35	105.59
298	1991.10.25 15:45:00	0:15:00	10,256.38	2,564.10	4,419.73	1,104.93	0.00	0.00
298	1991.10.25 16:00:00	0:15:00	11,499.85	2,874.96	3,176.27	794.07	0.00	0.00
298	1991.10.25 16:15:00	0:09:00	13,115.77	1,967.37	1,560.34	234.05	0.00	0.00
298	1991.10.25 16:18:00	0:01:48	13,602.64	408.08	1,073.48	32.20	0.00	0.00
305	1991.11.01 07:36:35	0:04:12	11,353.94	794.78	1,537.52	107.63	1,784.67	124.93
305	1991.11.01 07:45:00	0:11:24	9,157.34	1,739.90	2,438.29	463.27	3,080.49	585.29
305	1991.11.01 08:00:00	0:15:00	6,341.13	1,585.28	3,514.50	878.62	4,820.49	1,205.12
305	1991.11.01 08:15:00	0:15:00	4,206.08	1,051.52	4,099.38	1,024.84	6,370.66	1,592.67
305	1991.11.01 08:30:00	0:15:00	2,513.47	628.37	4,610.06	1,152.52	7,552.58	1,888.15
305	1991.11.01 08:45:00	0:15:00	1,465.55	366.39	5,037.37	1,259.34	8,173.20	2,043.30
305	1991.11.01 09:00:00	0:15:00	1,030.30	257.58	5,348.79	1,337.20	8,297.02	2,074.26
305	1991.11.01 09:15:00	0:15:00	993.83	248.46	5,594.96	1,398.74	8,087.34	2,021.83
305	1991.11.01 09:30:00	0:15:00	981.67	245.42	5,723.25	1,430.81	7,971.20	1,992.80
305	1991.11.01 09:45:00	0:15:00	973.48	243.37	5,873.62	1,468.41	7,829.02	1,957.25
305	1991.11.01 10:00:00	0:15:00	962.81	240.70	5,870.15	1,467.54	7,843.16	1,960.79
305	1991.11.01 10:15:00	0:15:00	953.38	238.35	5,883.80	1,470.95	7,838.94	1,959.74
305	1991.11.01 10:30:00	0:15:00	915.41	228.85	5,872.13	1,468.03	7,888.57	1,972.14
305	1991.11.01 10:45:00	0:15:00	885.14	221.28	5,967.42	1,491.86	7,823.56	1,955.89
305	1991.11.01 11:00:00	0:15:00	855.86	213.96	6,083.31	1,520.83	7,736.95	1,934.24
305	1991.11.01 11:15:00	0:15:00	836.01	209.00	6,286.29	1,571.57	7,553.82	1,888.46
305	1991.11.01 11:30:00	0:15:00	802.51	200.63	6,436.42	1,609.11	7,437.19	1,859.30
305	1991.11.01 11:45:00	0:15:00	785.14	196.28	6,724.52	1,681.13	7,166.47	1,791.62
305	1991.11.01 12:00:00	0:15:00	840.72	210.18	6,909.14	1,727.28	6,926.26	1,731.57
305	1991.11.01 12:15:00	0:15:00	944.20	236.05	6,934.95	1,733.74	6,796.98	1,699.24
305	1991.11.01 12:30:00	0:15:00	1,187.13	296.78	6,804.92	1,701.23	6,684.07	1,671.02
305	1991.11.01 12:45:00	0:15:00	1,517.91	379.48	6,925.02	1,731.26	6,233.19	1,558.30
305	1991.11.01 13:00:00	0:15:00	1,859.86	464.96	7,105.42	1,776.36	5,710.84	1,427.71
305	1991.11.01 13:15:00	0:15:00	2,245.48	561.37	7,352.08	1,838.02	5,078.56	1,269.64
305	1991.11.01 13:30:00	0:15:00	2,640.03	660.01	7,562.26	1,890.57	4,473.83	1,118.46
305	1991.11.01 13:45:00	0:15:00	3,068.58	767.14	7,968.97	1,992.24	3,638.57	909.64
305	1991.11.01 14:00:00	0:15:00	3,524.92	881.23	8,705.22	2,176.31	2,445.98	611.50
305	1991.11.01 14:15:00	0:15:00	4,029.40	1,007.35	9,641.48	2,410.37	1,005.24	251.31
305	1991.11.01 14:30:00	0:15:00	4,570.36	1,142.59	10,094.84	2,523.71	10.92	2.73
305	1991.11.01 14:45:00	0:15:00	5,243.08	1,310.77	9,433.03	2,358.26	0.00	0.00
305	1991.11.01 15:00:00	0:15:00	6,171.90	1,542.97	8,498.52	2,124.63	5.71	1.43
305	1991.11.01 15:15:00	0:15:00	7,484.34	1,871.09	7,056.54	1,764.13	135.24	33.81

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
305	1991.11.01 15:30:00	0:15:00	9,149.65	2,287.41	5,478.57	1,369.64	47.89	11.97
305	1991.11.01 15:45:00	0:15:00	10,472.77	2,618.19	4,203.35	1,050.84	0.00	0.00
305	1991.11.01 16:00:00	0:12:36	11,890.92	2,497.09	2,785.19	584.89	0.00	0.00
305	1991.11.01 16:10:12	0:05:24	13,398.16	1,205.84	1,277.95	115.02	0.00	0.00
312	1991.11.08 07:43:48	0:00:36	11,964.38	119.64	1,216.66	12.17	1,495.08	14.95
312	1991.11.08 07:45:00	0:07:48	11,771.81	1,530.34	1,251.90	162.75	1,652.41	214.81
312	1991.11.08 08:00:00	0:15:00	7,892.29	1,973.07	3,082.47	770.62	3,701.35	925.34
312	1991.11.08 08:15:00	0:15:00	4,875.08	1,218.77	4,326.43	1,081.61	5,474.60	1,368.65
312	1991.11.08 08:30:00	0:15:00	3,038.06	759.51	4,858.46	1,214.61	6,779.61	1,694.90
312	1991.11.08 08:45:00	0:15:00	1,790.87	447.72	5,344.58	1,336.14	7,540.67	1,885.17
312	1991.11.08 09:00:00	0:15:00	1,182.17	295.54	5,748.31	1,437.08	7,745.64	1,936.41
312	1991.11.08 09:15:00	0:15:00	1,064.55	266.14	6,050.30	1,512.58	7,561.27	1,890.32
312	1991.11.08 09:30:00	0:15:00	1,044.20	261.05	6,223.01	1,555.75	7,408.91	1,852.23
312	1991.11.08 09:45:00	0:15:00	1,031.30	257.82	6,400.44	1,600.11	7,244.38	1,811.10
312	1991.11.08 10:00:00	0:15:00	1,019.14	254.78	6,433.44	1,608.36	7,223.54	1,805.89
312	1991.11.08 10:15:00	0:15:00	1,014.42	253.61	6,459.00	1,614.75	7,202.70	1,800.67
312	1991.11.08 10:30:00	0:15:00	973.23	243.31	6,462.72	1,615.68	7,240.17	1,810.04
312	1991.11.08 10:45:00	0:15:00	939.98	235.00	6,547.84	1,636.96	7,188.30	1,797.08
312	1991.11.08 11:00:00	0:15:00	907.47	226.87	6,674.89	1,668.72	7,093.76	1,773.44
312	1991.11.08 11:15:00	0:15:00	890.10	222.53	6,894.99	1,723.75	6,891.02	1,722.76
312	1991.11.08 11:30:00	0:15:00	853.62	213.41	7,063.73	1,765.93	6,758.76	1,689.69
312	1991.11.08 11:45:00	0:15:00	836.25	209.06	7,397.49	1,849.37	6,442.38	1,610.59
312	1991.11.08 12:00:00	0:15:00	897.05	224.26	7,588.56	1,897.14	6,190.51	1,547.63
312	1991.11.08 12:15:00	0:15:00	1,006.73	251.68	7,608.91	1,902.23	6,060.48	1,515.12
312	1991.11.08 12:30:00	0:15:00	1,257.36	314.34	7,461.51	1,865.38	5,957.25	1,489.31
312	1991.11.08 12:45:00	0:15:00	1,591.11	397.78	7,598.74	1,899.68	5,486.27	1,371.57
312	1991.11.08 13:00:00	0:15:00	1,941.75	485.44	7,723.55	1,930.89	5,010.82	1,252.71
312	1991.11.08 13:15:00	0:15:00	2,327.86	581.97	7,911.15	1,977.79	4,437.10	1,109.28
312	1991.11.08 13:30:00	0:15:00	2,723.41	680.85	8,059.79	2,014.95	3,892.92	973.23
312	1991.11.08 13:45:00	0:15:00	3,155.43	788.86	8,534.50	2,133.62	2,986.19	746.55
312	1991.11.08 14:00:00	0:15:00	3,610.53	902.63	9,250.15	2,312.54	1,815.44	453.86
312	1991.11.08 14:15:00	0:15:00	4,106.82	1,026.71	10,167.55	2,541.89	401.75	100.44
312	1991.11.08 14:30:00	0:15:00	4,649.77	1,162.44	10,026.35	2,506.59	0.00	0.00
312	1991.11.08 14:45:00	0:15:00	5,373.11	1,343.28	9,303.01	2,325.75	0.00	0.00
312	1991.11.08 15:00:00	0:15:00	6,422.52	1,605.63	8,253.60	2,063.40	0.00	0.00
312	1991.11.08 15:15:00	0:15:00	7,807.68	1,951.92	6,868.44	1,717.11	0.00	0.00
312	1991.11.08 15:30:00	0:15:00	9,337.75	2,334.44	5,338.37	1,334.59	0.00	0.00
312	1991.11.08 15:45:00	0:15:00	10,759.87	2,689.97	3,916.25	979.06	0.00	0.00
312	1991.11.08 16:00:00	0:09:00	12,544.79	1,881.72	2,131.33	319.70	0.00	0.00
312	1991.11.08 16:03:00	0:01:48	13,089.22	392.68	1,586.90	47.61	0.00	0.00
319	1991.11.15 07:51:00	0:04:48	12,515.76	1,001.26	987.87	79.03	1,172.49	93.80
319	1991.11.15 08:00:00	0:12:00	10,808.01	2,161.60	1,239.49	247.90	2,628.61	525.72
319	1991.11.15 08:15:00	0:15:00	6,510.62	1,627.65	3,693.16	923.29	4,472.34	1,118.09
319	1991.11.15 08:30:00	0:15:00	3,605.81	901.45	5,048.29	1,262.07	6,022.02	1,505.50
319	1991.11.15 08:45:00	0:15:00	2,183.19	545.80	5,615.30	1,403.83	6,877.62	1,719.41
319	1991.11.15 09:00:00	0:15:00	1,359.35	339.84	6,058.00	1,514.50	7,258.78	1,814.69
319	1991.11.15 09:15:00	0:15:00	1,129.56	282.39	6,460.74	1,615.18	7,085.82	1,771.46
319	1991.11.15 09:30:00	0:15:00	1,106.24	276.56	6,677.62	1,669.40	6,892.26	1,723.07
319	1991.11.15 09:45:00	0:15:00	1,091.84	272.96	6,884.82	1,721.21	6,699.45	1,674.86
319	1991.11.15 10:00:00	0:15:00	1,075.47	268.87	6,980.36	1,745.09	6,620.30	1,655.07
319	1991.11.15 10:15:00	0:15:00	1,065.54	266.39	7,014.60	1,753.65	6,595.98	1,648.99
319	1991.11.15 10:30:00	0:15:00	1,027.33	256.83	7,005.92	1,751.48	6,642.88	1,660.72
319	1991.11.15 10:45:00	0:15:00	993.58	248.39	7,099.47	1,774.87	6,583.07	1,645.77
319	1991.11.15 11:00:00	0:15:00	957.85	239.46	7,237.68	1,809.42	6,480.59	1,620.15
319	1991.11.15 11:15:00	0:15:00	939.48	234.87	7,473.17	1,868.29	6,263.46	1,565.87
319	1991.11.15 11:30:00	0:15:00	906.98	226.74	7,658.29	1,914.57	6,110.85	1,527.71
319	1991.11.15 11:45:00	0:15:00	886.63	221.66	8,025.55	2,006.39	5,763.94	1,440.99

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
319	1991.11.15 12:00:00	0:15:00	944.45	236.11	8,227.54	2,056.89	5,504.13	1,376.03
319	1991.11.15 12:15:00	0:15:00	1,062.31	265.58	8,253.84	2,063.46	5,359.96	1,339.99
319	1991.11.15 12:30:00	0:15:00	1,309.72	327.43	8,102.97	2,025.74	5,263.43	1,315.86
319	1991.11.15 12:45:00	0:15:00	1,642.48	410.62	8,222.08	2,055.52	4,811.56	1,202.89
319	1991.11.15 13:00:00	0:15:00	1,995.35	498.84	8,285.36	2,071.34	4,395.42	1,098.85
319	1991.11.15 13:15:00	0:15:00	2,382.21	595.55	8,414.39	2,103.60	3,879.52	969.88
319	1991.11.15 13:30:00	0:15:00	2,781.47	695.37	8,509.93	2,127.48	3,384.72	846.18
319	1991.11.15 13:45:00	0:15:00	3,208.04	802.01	9,017.14	2,254.29	2,450.94	612.74
319	1991.11.15 14:00:00	0:15:00	3,659.17	914.79	9,679.94	2,419.99	1,337.01	334.25
319	1991.11.15 14:15:00	0:15:00	4,147.27	1,036.82	10,528.85	2,632.21	0.00	0.00
319	1991.11.15 14:30:00	0:15:00	4,696.17	1,174.04	9,979.95	2,494.99	0.00	0.00
319	1991.11.15 14:45:00	0:15:00	5,457.48	1,364.37	9,218.64	2,304.66	0.00	0.00
319	1991.11.15 15:00:00	0:15:00	6,597.47	1,649.37	8,078.65	2,019.66	0.00	0.00
319	1991.11.15 15:15:00	0:15:00	7,995.03	1,998.76	6,681.09	1,670.27	0.00	0.00
319	1991.11.15 15:30:00	0:15:00	9,433.53	2,358.38	5,242.59	1,310.65	0.00	0.00
319	1991.11.15 15:45:00	0:13:48	10,989.90	2,527.68	3,686.21	847.83	0.00	0.00
319	1991.11.15 15:57:36	0:06:36	12,898.65	1,418.85	1,777.47	195.52	0.00	0.00
326	1991.11.22 07:57:36	0:01:12	13,461.44	269.23	277.18	5.54	937.50	18.75
326	1991.11.22 08:00:00	0:09:00	13,124.71	1,968.71	244.92	36.74	1,306.49	195.97
326	1991.11.22 08:15:00	0:15:00	9,575.97	2,393.99	1,696.58	424.14	3,403.58	850.89
326	1991.11.22 08:30:00	0:15:00	4,830.66	1,207.67	4,689.22	1,172.31	5,156.23	1,289.06
326	1991.11.22 08:45:00	0:15:00	2,595.86	648.97	5,709.60	1,427.40	6,370.66	1,592.67
326	1991.11.22 09:00:00	0:15:00	1,582.43	395.61	6,214.58	1,553.64	6,879.11	1,719.78
326	1991.11.22 09:15:00	0:15:00	1,198.55	299.64	6,673.90	1,668.47	6,803.68	1,700.92
326	1991.11.22 09:30:00	0:15:00	1,171.00	292.75	7,072.67	1,768.17	6,432.45	1,608.11
326	1991.11.22 09:45:00	0:15:00	1,150.65	287.66	7,310.39	1,827.60	6,215.07	1,553.77
326	1991.11.22 10:00:00	0:15:00	1,127.83	281.96	7,442.65	1,860.66	6,105.64	1,526.41
326	1991.11.22 10:15:00	0:15:00	1,117.65	279.41	7,508.16	1,877.04	6,050.30	1,512.58
326	1991.11.22 10:30:00	0:15:00	1,084.40	271.10	7,507.42	1,876.86	6,084.30	1,521.08
326	1991.11.22 10:45:00	0:15:00	1,044.20	261.05	7,603.70	1,900.93	6,028.22	1,507.06
326	1991.11.22 11:00:00	0:15:00	1,005.24	251.31	7,728.27	1,932.07	5,942.61	1,485.65
326	1991.11.22 11:15:00	0:15:00	985.64	246.41	7,986.34	1,996.59	5,704.14	1,426.04
326	1991.11.22 11:30:00	0:15:00	955.61	238.90	8,192.80	2,048.20	5,527.71	1,381.93
326	1991.11.22 11:45:00	0:15:00	936.50	234.13	8,565.76	2,141.44	5,173.85	1,293.46
326	1991.11.22 12:00:00	0:15:00	987.87	246.97	8,810.19	2,202.55	4,878.06	1,219.52
326	1991.11.22 12:15:00	0:15:00	1,101.77	275.44	8,841.45	2,210.36	4,732.90	1,183.22
326	1991.11.22 12:30:00	0:15:00	1,341.23	335.31	8,671.72	2,167.93	4,663.17	1,165.79
326	1991.11.22 12:45:00	0:15:00	1,670.27	417.57	8,770.73	2,192.68	4,235.11	1,058.78
326	1991.11.22 13:00:00	0:15:00	2,019.91	504.98	8,765.27	2,191.32	3,890.93	972.73
326	1991.11.22 13:15:00	0:15:00	2,409.25	602.31	8,838.23	2,209.56	3,428.64	857.16
326	1991.11.22 13:30:00	0:15:00	2,804.80	701.20	8,888.35	2,222.09	2,982.97	745.74
326	1991.11.22 13:45:00	0:15:00	3,220.44	805.11	9,389.11	2,347.28	2,066.56	516.64
326	1991.11.22 14:00:00	0:15:00	3,667.35	916.84	9,993.85	2,498.46	1,014.92	253.73
326	1991.11.22 14:15:00	0:15:00	4,136.35	1,034.09	10,539.77	2,634.94	0.00	0.00
326	1991.11.22 14:30:00	0:15:00	4,690.46	1,172.62	9,985.66	2,496.41	0.00	0.00
326	1991.11.22 14:45:00	0:15:00	5,505.37	1,376.34	9,170.74	2,292.69	0.00	0.00
326	1991.11.22 15:00:00	0:15:00	6,635.43	1,658.86	8,040.69	2,010.17	0.00	0.00
326	1991.11.22 15:15:00	0:15:00	8,018.85	2,004.71	6,657.27	1,664.32	0.00	0.00
326	1991.11.22 15:30:00	0:15:00	9,536.02	2,384.00	5,140.10	1,285.03	0.00	0.00
326	1991.11.22 15:45:00	0:12:00	11,207.03	2,241.41	3,469.09	693.82	0.00	0.00
326	1991.11.22 15:54:00	0:04:48	13,074.83	1,045.99	1,601.29	128.10	0.00	0.00
333	1991.11.29 08:04:12	0:05:24	14,134.41	1,272.10	9.43	0.85	532.27	47.91
333	1991.11.29 08:15:00	0:12:36	11,493.15	2,413.56	874.96	183.74	2,308.01	484.68
333	1991.11.29 08:30:00	0:15:00	7,586.83	1,896.71	2,894.38	723.60	4,194.91	1,048.73
333	1991.11.29 08:45:00	0:15:00	3,437.08	859.27	5,464.68	1,366.17	5,774.37	1,443.59
333	1991.11.29 09:00:00	0:15:00	1,882.69	470.67	6,238.15	1,559.54	6,555.28	1,638.82
333	1991.11.29 09:15:00	0:15:00	1,301.03	325.26	6,735.44	1,683.86	6,639.65	1,659.91

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
333	1991.11.29 09:30:00	0:15:00	1,215.67	303.92	7,162.00	1,790.50	6,298.45	1,574.61
333	1991.11.29 09:45:00	0:15:00	1,202.52	300.63	7,596.50	1,899.13	5,877.10	1,469.27
333	1991.11.29 10:00:00	0:15:00	1,175.97	293.99	7,806.68	1,951.67	5,693.47	1,423.37
333	1991.11.29 10:15:00	0:15:00	1,163.31	290.83	7,931.25	1,982.81	5,581.56	1,395.39
333	1991.11.29 10:30:00	0:15:00	1,136.51	284.13	7,931.25	1,982.81	5,608.36	1,402.09
333	1991.11.29 10:45:00	0:15:00	1,091.60	272.90	8,032.74	2,008.19	5,551.78	1,387.94
333	1991.11.29 11:00:00	0:15:00	1,051.15	262.79	8,128.53	2,032.13	5,496.44	1,374.11
333	1991.11.29 11:15:00	0:15:00	1,025.84	256.46	8,408.44	2,102.11	5,241.84	1,310.46
333	1991.11.29 11:30:00	0:15:00	997.30	249.33	8,625.32	2,156.33	5,053.50	1,263.38
333	1991.11.29 11:45:00	0:15:00	977.20	244.30	8,967.26	2,241.82	4,731.65	1,182.91
333	1991.11.29 12:00:00	0:15:00	1,006.73	251.68	9,305.74	2,326.43	4,363.65	1,090.91
333	1991.11.29 12:15:00	0:15:00	1,114.67	278.67	9,360.58	2,340.14	4,200.87	1,050.22
333	1991.11.29 12:30:00	0:15:00	1,349.17	337.29	9,182.65	2,295.66	4,144.29	1,036.07
333	1991.11.29 12:45:00	0:15:00	1,673.25	418.31	9,232.78	2,308.20	3,770.09	942.52
333	1991.11.29 13:00:00	0:15:00	2,025.12	506.28	9,175.71	2,293.93	3,475.29	868.82
333	1991.11.29 13:15:00	0:15:00	2,405.03	601.26	9,197.54	2,299.39	3,073.54	768.39
333	1991.11.29 13:30:00	0:15:00	2,796.61	699.15	9,205.48	2,301.37	2,674.03	668.51
333	1991.11.29 13:45:00	0:15:00	3,203.82	800.95	9,661.33	2,415.33	1,810.97	452.74
333	1991.11.29 14:00:00	0:15:00	3,636.34	909.08	10,205.02	2,551.25	834.76	208.69
333	1991.11.29 14:15:00	0:15:00	4,091.44	1,022.86	10,584.68	2,646.17	0.00	0.00
333	1991.11.29 14:30:00	0:15:00	4,639.59	1,159.90	10,036.53	2,509.13	0.00	0.00
333	1991.11.29 14:45:00	0:15:00	5,488.00	1,372.00	9,188.11	2,297.03	0.00	0.00
333	1991.11.29 15:00:00	0:15:00	6,609.13	1,652.28	8,066.99	2,016.75	0.00	0.00
333	1991.11.29 15:15:00	0:15:00	7,915.12	1,978.78	6,761.00	1,690.25	0.00	0.00
333	1991.11.29 15:30:00	0:15:00	9,525.84	2,381.46	5,150.28	1,287.57	0.00	0.00
333	1991.11.29 15:45:00	0:10:48	11,552.70	2,079.49	3,123.42	562.22	0.00	0.00
333	1991.11.29 15:51:36	0:03:00	13,349.28	667.46	1,326.84	66.34	0.00	0.00
340	1991.12.06 08:10:12	0:02:24	14,458.99	578.36	0.00	0.00	217.13	8.69
340	1991.12.06 08:15:00	0:10:12	13,526.46	2,299.50	151.12	25.69	998.54	169.75
340	1991.12.06 08:30:00	0:15:00	9,531.05	2,382.76	1,883.93	470.98	3,261.14	815.29
340	1991.12.06 08:45:00	0:15:00	5,703.64	1,425.91	3,946.02	986.51	5,026.45	1,256.61
340	1991.12.06 09:00:00	0:15:00	2,226.37	556.59	6,194.73	1,548.68	6,255.02	1,563.76
340	1991.12.06 09:15:00	0:15:00	1,424.36	356.09	6,705.91	1,676.48	6,545.85	1,636.46
340	1991.12.06 09:30:00	0:15:00	1,238.75	309.69	7,159.52	1,789.88	6,277.85	1,569.46
340	1991.12.06 09:45:00	0:15:00	1,237.51	309.38	7,593.53	1,898.38	5,845.09	1,461.27
340	1991.12.06 10:00:00	0:15:00	1,215.92	303.98	8,000.98	2,000.25	5,459.22	1,364.81
340	1991.12.06 10:15:00	0:15:00	1,200.78	300.20	8,257.81	2,064.45	5,217.52	1,304.38
340	1991.12.06 10:30:00	0:15:00	1,179.69	294.92	8,242.43	2,060.61	5,254.00	1,313.50
340	1991.12.06 10:45:00	0:15:00	1,134.77	283.69	8,354.34	2,088.59	5,187.00	1,296.75
340	1991.12.06 11:00:00	0:15:00	1,089.86	272.47	8,421.84	2,105.46	5,164.42	1,291.11
340	1991.12.06 11:15:00	0:15:00	1,060.08	265.02	8,721.10	2,180.28	4,894.93	1,223.73
340	1991.12.06 11:30:00	0:15:00	1,034.52	258.63	8,945.43	2,236.36	4,696.17	1,174.04
340	1991.12.06 11:45:00	0:15:00	1,008.96	252.24	9,317.15	2,329.29	4,350.01	1,087.50
340	1991.12.06 12:00:00	0:15:00	1,040.23	260.06	9,697.56	2,424.39	3,938.33	984.58
340	1991.12.06 12:15:00	0:15:00	1,140.73	285.18	9,743.71	2,435.93	3,791.68	947.92
340	1991.12.06 12:30:00	0:15:00	1,340.24	335.06	9,579.94	2,394.98	3,755.94	938.99
340	1991.12.06 12:45:00	0:15:00	1,647.44	411.86	9,602.27	2,400.57	3,426.40	856.60
340	1991.12.06 13:00:00	0:15:00	1,997.58	499.39	9,509.22	2,377.30	3,169.33	792.33
340	1991.12.06 13:15:00	0:15:00	2,374.26	593.57	9,485.89	2,371.47	2,815.96	703.99
340	1991.12.06 13:30:00	0:15:00	2,756.66	689.16	9,436.01	2,359.00	2,483.45	620.86
340	1991.12.06 13:45:00	0:15:00	3,160.89	790.22	9,834.29	2,458.57	1,680.94	420.24
340	1991.12.06 14:00:00	0:15:00	3,582.24	895.56	10,322.64	2,580.66	771.24	192.81
340	1991.12.06 14:15:00	0:15:00	4,027.17	1,006.79	10,648.95	2,662.24	0.00	0.00
340	1991.12.06 14:30:00	0:15:00	4,551.50	1,137.88	10,124.62	2,531.15	0.00	0.00
340	1991.12.06 14:45:00	0:15:00	5,390.98	1,347.75	9,285.14	2,321.29	0.00	0.00
340	1991.12.06 15:00:00	0:15:00	6,466.20	1,616.55	8,209.92	2,052.48	0.00	0.00
340	1991.12.06 15:15:00	0:15:00	7,744.15	1,936.04	6,931.97	1,732.99	0.00	0.00

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
340	1991.12.06 15:30:00	0:15:00	9,412.44	2,353.11	5,263.68	1,315.92	0.00	0.00
340	1991.12.06 15:45:00	0:10:12	11,793.40	2,004.88	2,882.72	490.06	0.00	0.00
340	1991.12.06 15:51:00	0:03:00	13,537.62	676.88	1,138.50	56.93	0.00	0.00
347	1991.12.13 08:15:36	0:07:12	14,603.41	1,752.41	0.00	0.00	72.71	8.73
347	1991.12.13 08:30:00	0:15:00	11,016.95	2,754.24	1,243.71	310.93	2,415.46	603.86
347	1991.12.13 08:45:00	0:15:00	7,584.10	1,896.02	2,771.30	692.83	4,320.72	1,080.18
347	1991.12.13 09:00:00	0:15:00	3,301.59	825.40	5,518.28	1,379.57	5,856.25	1,464.06
347	1991.12.13 09:15:00	0:15:00	1,622.38	405.60	6,627.49	1,656.87	6,426.25	1,606.56
347	1991.12.13 09:30:00	0:15:00	1,256.86	314.22	7,095.50	1,773.87	6,323.76	1,580.94
347	1991.12.13 09:45:00	0:15:00	1,253.64	313.41	7,548.86	1,887.22	5,873.62	1,468.41
347	1991.12.13 10:00:00	0:15:00	1,243.21	310.80	7,949.12	1,987.28	5,483.79	1,370.95
347	1991.12.13 10:15:00	0:15:00	1,226.84	306.71	8,369.23	2,092.31	5,080.05	1,270.01
347	1991.12.13 10:30:00	0:15:00	1,205.25	301.31	8,447.65	2,111.91	5,023.23	1,255.81
347	1991.12.13 10:45:00	0:15:00	1,167.28	291.82	8,556.58	2,139.15	4,952.26	1,238.06
347	1991.12.13 11:00:00	0:15:00	1,117.65	279.41	8,613.16	2,153.29	4,945.31	1,236.33
347	1991.12.13 11:15:00	0:15:00	1,086.39	271.60	8,889.35	2,222.34	4,700.39	1,175.10
347	1991.12.13 11:30:00	0:15:00	1,058.59	264.65	9,121.36	2,280.34	4,496.16	1,124.04
347	1991.12.13 11:45:00	0:15:00	1,037.25	259.31	9,464.30	2,366.08	4,174.57	1,043.64
347	1991.12.13 12:00:00	0:15:00	1,039.49	259.87	9,882.68	2,470.67	3,753.96	938.49
347	1991.12.13 12:15:00	0:15:00	1,134.53	283.63	10,017.92	2,504.48	3,523.68	880.92
347	1991.12.13 12:30:00	0:15:00	1,306.24	326.56	9,863.57	2,465.89	3,506.31	876.58
347	1991.12.13 12:45:00	0:15:00	1,603.52	400.88	9,852.65	2,463.16	3,219.95	804.99
347	1991.12.13 13:00:00	0:15:00	1,945.47	486.37	9,733.04	2,433.26	2,997.61	749.40
347	1991.12.13 13:15:00	0:15:00	2,319.92	579.98	9,679.69	2,419.92	2,676.51	669.13
347	1991.12.13 13:30:00	0:15:00	2,695.86	673.97	9,578.70	2,394.67	2,401.56	600.39
347	1991.12.13 13:45:00	0:15:00	3,092.65	773.16	9,912.21	2,478.05	1,671.27	417.82
347	1991.12.13 14:00:00	0:15:00	3,501.84	875.46	10,331.82	2,582.96	842.46	210.61
347	1991.12.13 14:15:00	0:15:00	3,944.53	986.13	10,731.58	2,682.90	0.00	0.00
347	1991.12.13 14:30:00	0:15:00	4,439.59	1,109.90	10,236.53	2,559.13	0.00	0.00
347	1991.12.13 14:45:00	0:15:00	5,222.98	1,305.75	9,453.13	2,363.28	0.00	0.00
347	1991.12.13 15:00:00	0:15:00	6,258.00	1,564.50	8,418.12	2,104.53	0.00	0.00
347	1991.12.13 15:15:00	0:15:00	7,504.19	1,876.05	7,171.93	1,792.98	0.00	0.00
347	1991.12.13 15:30:00	0:15:00	9,145.93	2,286.48	5,530.19	1,382.55	0.00	0.00
347	1991.12.13 15:45:00	0:10:48	11,490.91	2,068.36	3,185.21	573.34	0.00	0.00
347	1991.12.13 15:52:11	0:03:36	13,691.97	821.52	984.15	59.05	0.00	0.00
354	1991.12.20 08:19:48	0:04:48	14,621.77	1,169.74	0.00	0.00	54.34	4.35
354	1991.12.20 08:30:00	0:12:36	12,302.60	2,583.55	690.10	144.92	1,683.43	353.52
354	1991.12.20 08:45:00	0:15:00	8,561.30	2,140.32	2,345.73	586.43	3,769.09	942.27
354	1991.12.20 09:00:00	0:15:00	4,447.78	1,111.94	4,754.24	1,188.56	5,474.11	1,368.53
354	1991.12.20 09:15:00	0:15:00	1,839.26	459.82	6,523.27	1,630.82	6,313.59	1,578.40
354	1991.12.20 09:30:00	0:15:00	1,303.26	325.82	7,005.67	1,751.42	6,367.19	1,591.80
354	1991.12.20 09:45:00	0:15:00	1,255.62	313.91	7,462.26	1,865.56	5,958.24	1,489.56
354	1991.12.20 10:00:00	0:15:00	1,253.64	313.41	7,874.68	1,968.67	5,547.81	1,386.95
354	1991.12.20 10:15:00	0:15:00	1,240.98	310.25	8,289.08	2,072.27	5,146.06	1,286.52
354	1991.12.20 10:30:00	0:15:00	1,216.91	304.23	8,527.30	2,131.83	4,931.91	1,232.98
354	1991.12.20 10:45:00	0:15:00	1,186.14	296.54	8,620.36	2,155.09	4,869.62	1,217.41
354	1991.12.20 11:00:00	0:15:00	1,135.77	283.94	8,677.93	2,169.48	4,862.43	1,215.61
354	1991.12.20 11:15:00	0:15:00	1,100.78	275.19	8,917.14	2,229.28	4,658.20	1,164.55
354	1991.12.20 11:30:00	0:15:00	1,071.50	267.87	9,144.44	2,286.11	4,460.18	1,115.05
354	1991.12.20 11:45:00	0:15:00	1,050.65	262.66	9,488.87	2,372.22	4,136.60	1,034.15
354	1991.12.20 12:00:00	0:15:00	1,031.54	257.89	9,911.96	2,477.99	3,732.62	933.15
354	1991.12.20 12:15:00	0:15:00	1,121.62	280.41	10,123.13	2,530.78	3,431.37	857.84
354	1991.12.20 12:30:00	0:15:00	1,264.80	316.20	10,001.04	2,500.26	3,410.28	852.57
354	1991.12.20 12:45:00	0:15:00	1,540.99	385.25	9,952.40	2,488.10	3,182.73	795.68
354	1991.12.20 13:00:00	0:15:00	1,874.99	468.75	9,841.48	2,460.37	2,959.64	739.91
354	1991.12.20 13:15:00	0:15:00	2,243.00	560.75	9,764.56	2,441.14	2,668.57	667.14
354	1991.12.20 13:30:00	0:15:00	2,617.70	654.42	9,648.67	2,412.17	2,409.75	602.44

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
354	1991.12.20 13:45:00	0:15:00	3,007.78	751.95	9,892.85	2,473.21	1,775.49	443.87
354	1991.12.20 14:00:00	0:15:00	3,416.48	854.12	10,289.64	2,572.41	970.00	242.50
354	1991.12.20 14:15:00	0:15:00	3,850.24	962.56	10,825.88	2,706.47	0.00	0.00
354	1991.12.20 14:30:00	0:15:00	4,320.97	1,080.24	10,355.15	2,588.79	0.00	0.00
354	1991.12.20 14:45:00	0:15:00	5,006.35	1,251.59	9,669.77	2,417.44	0.00	0.00
354	1991.12.20 15:00:00	0:15:00	6,026.73	1,506.68	8,649.39	2,162.35	0.00	0.00
354	1991.12.20 15:15:00	0:15:00	7,213.37	1,803.34	7,462.75	1,865.69	0.00	0.00
354	1991.12.20 15:30:00	0:15:00	8,789.59	2,197.40	5,886.53	1,471.63	0.00	0.00
354	1991.12.20 15:45:00	0:12:36	10,864.34	2,281.51	3,811.78	800.47	0.00	0.00
354	1991.12.20 15:54:36	0:04:48	13,682.79	1,094.62	993.33	79.47	0.00	0.00
			4,132,728.04	893,322.14	3,519,722.26	872,879.72	9,166,380.54	2,278,976.46

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EXHIBIT D.1.B

Marshall Elementary School Outdoor Learning Area

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Marshall Elementary Outdoor Learning Area

Summary of Results

cadp annualized net new shadow	17,285.98 Sq ft hrs
Annual Available Sunlight (AAS), based on City's AAS Factor	9,592,306.69 Sq ft hrs
Annual Shadow Increase as a Percentage of AAS	0.18021%

Annual Existing Shadow on Outdoor Learning Area % of AAS

cadp annualized existing shadow on outdoor learning area	6,022,989.94 sq ft hrs
Annual Available Sunlight (AAS) based on City AAS Factor	9,592,306.69 sq ft hrs
Annual Existing Shadow on Outdoor Learning Area % of AAS	62.790%

Marshall Elementary Outdoor Learning Area

IMPACT TIMES

Date+Time	Duration	ExSF	ExSfHr	NewSF	NewSFHr
11.29 12:15:00	0:15:00	95.04	23.76	47.89	11.97
11.29 12:30:00	0:15:00	72.46	18.11	119.60	29.90
11.29 12:45:00	0:15:00	52.85	13.21	160.54	40.14
11.29 13:00:00	0:15:00	101.49	25.37	83.87	20.97
11.29 13:30:00	0:15:00	1,162.75	290.69	12.90	3.23
11.29 13:45:00	0:15:00	1,814.35	453.59	35.48	8.87
12.06 12:15:00	0:15:00	99.25	24.81	94.29	23.57
12.06 12:30:00	0:15:00	77.91	19.48	251.86	62.96
12.06 12:45:00	0:15:00	56.57	14.14	320.09	80.02
12.06 13:00:00	0:15:00	75.18	18.80	206.45	51.61
12.06 13:15:00	0:15:00	535.47	133.87	75.93	18.98
12.06 13:30:00	0:15:00	1,123.05	280.76	104.71	26.18
12.06 13:45:00	0:15:00	1,785.32	446.33	96.77	24.19
12.13 12:15:00	0:15:00	106.45	26.61	79.90	19.98
12.13 12:30:00	0:15:00	83.37	20.84	297.51	74.38
12.13 12:45:00	0:15:00	60.79	15.20	424.31	106.08
12.13 13:00:00	0:15:00	54.59	13.65	321.83	80.46
12.13 13:15:00	0:15:00	452.60	113.15	192.55	48.14
12.13 13:30:00	0:15:00	1,043.15	260.79	178.16	44.54
12.13 13:45:00	0:15:00	1,704.43	426.11	143.42	35.86
12.13 14:00:00	0:15:00	2,409.37	602.34	6.45	1.61
12.20 12:15:00	0:15:00	111.91	27.98	35.24	8.81
12.20 12:30:00	0:15:00	88.58	22.15	275.68	68.92
12.20 12:45:00	0:15:00	66.00	16.50	458.80	114.70
12.20 13:00:00	0:15:00	48.39	12.10	409.67	102.42
12.20 13:15:00	0:15:00	342.18	85.54	268.23	67.06
12.20 13:30:00	0:15:00	924.54	231.14	210.42	52.60
12.20 13:45:00	0:15:00	1,577.13	394.28	175.68	43.92
12.20 14:00:00	0:15:00	2,285.80	571.45	33.00	8.25
				5,121.22	1,280.31



Marshall Elementary Outdoor Learning Area

FULL SUN ANGLE SAMPLE

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
172	06.21 06:46:48	0:06:36	2,474.14	272.16	0.00	0.00	103.47	11.38
172	06.21 07:00:00	0:13:48	2,488.28	572.30	0.00	0.00	89.33	20.55
172	06.21 07:15:00	0:15:00	2,503.66	625.92	0.00	0.00	73.94	18.49
172	06.21 07:30:00	0:15:00	2,519.54	629.89	0.00	0.00	58.06	14.52
172	06.21 07:45:00	0:15:00	2,534.43	633.61	0.00	0.00	43.18	10.79
172	06.21 08:00:00	0:15:00	2,548.58	637.14	0.00	0.00	29.03	7.26
172	06.21 08:15:00	0:15:00	2,561.73	640.43	0.00	0.00	15.88	3.97
172	06.21 08:30:00	0:15:00	2,572.89	643.22	0.00	0.00	4.72	1.18
172	06.21 08:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
172	06.21 09:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
172	06.21 09:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
172	06.21 09:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
172	06.21 09:45:00	0:15:00	2,403.42	600.85	0.00	0.00	174.19	43.55
172	06.21 10:00:00	0:15:00	2,120.55	530.14	0.00	0.00	457.06	114.27
172	06.21 10:15:00	0:15:00	1,859.26	464.82	0.00	0.00	718.35	179.59
172	06.21 10:30:00	0:15:00	1,618.08	404.52	0.00	0.00	959.53	239.88
172	06.21 10:45:00	0:15:00	1,414.86	353.71	0.00	0.00	1,162.75	290.69
172	06.21 11:00:00	0:15:00	1,236.45	309.11	0.00	0.00	1,341.16	335.29
172	06.21 11:15:00	0:15:00	1,066.72	266.68	0.00	0.00	1,510.88	377.72
172	06.21 11:30:00	0:15:00	906.68	226.67	0.00	0.00	1,670.93	417.73
172	06.21 11:45:00	0:15:00	751.35	187.84	0.00	0.00	1,826.26	456.57
172	06.21 12:00:00	0:15:00	603.96	150.99	0.00	0.00	1,973.65	493.41
172	06.21 12:15:00	0:15:00	454.58	113.65	0.00	0.00	2,123.03	530.76
172	06.21 12:30:00	0:15:00	314.88	78.72	0.00	0.00	2,262.73	565.68
172	06.21 12:45:00	0:15:00	171.21	42.80	0.00	0.00	2,406.40	601.60
172	06.21 13:00:00	0:15:00	36.48	9.12	0.00	0.00	2,541.13	635.28
172	06.21 13:15:00	0:15:00	15.63	3.91	0.00	0.00	2,561.97	640.49
172	06.21 13:30:00	0:15:00	13.40	3.35	0.00	0.00	2,564.21	641.05
172	06.21 13:45:00	0:15:00	11.66	2.92	0.00	0.00	2,565.94	641.49
172	06.21 14:00:00	0:15:00	8.93	2.23	0.00	0.00	2,568.67	642.17
172	06.21 14:15:00	0:15:00	7.20	1.80	0.00	0.00	2,570.41	642.60
172	06.21 14:30:00	0:15:00	5.46	1.37	0.00	0.00	2,572.15	643.04
172	06.21 14:45:00	0:15:00	3.72	0.93	0.00	0.00	2,573.89	643.47
172	06.21 15:00:00	0:15:00	53.10	13.28	0.00	0.00	2,524.51	631.13
172	06.21 15:15:00	0:15:00	328.03	82.01	0.00	0.00	2,249.58	562.39
172	06.21 15:30:00	0:15:00	649.61	162.40	0.00	0.00	1,927.99	482.00
172	06.21 15:45:00	0:15:00	1,038.44	259.61	0.00	0.00	1,539.17	384.79
172	06.21 16:00:00	0:15:00	1,461.75	365.44	0.00	0.00	1,115.86	278.96
172	06.21 16:15:00	0:15:00	1,917.82	479.46	0.00	0.00	659.79	164.95
172	06.21 16:30:00	0:15:00	2,405.15	601.29	0.00	0.00	172.45	43.11
172	06.21 16:45:00	0:15:00	2,501.93	625.48	0.00	0.00	75.68	18.92
172	06.21 17:00:00	0:15:00	2,558.00	639.50	0.00	0.00	19.60	4.90
172	06.21 17:15:00	0:15:00	2,571.90	642.98	0.00	0.00	5.71	1.43
172	06.21 17:30:00	0:15:00	2,538.15	634.54	0.00	0.00	39.45	9.86
172	06.21 17:45:00	0:15:00	2,493.99	623.50	0.00	0.00	83.62	20.91
172	06.21 18:00:00	0:15:00	2,449.07	612.27	0.00	0.00	128.53	32.13
172	06.21 18:15:00	0:15:00	2,403.91	600.98	0.00	0.00	173.69	43.42
172	06.21 18:30:00	0:15:00	2,359.00	589.75	0.00	0.00	218.61	54.65

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
172	06.21 18:45:00	0:15:00	2,313.84	578.46	0.00	0.00	263.77	65.94
172	06.21 19:00:00	0:15:00	2,266.70	566.67	0.00	0.00	310.91	77.73
172	06.21 19:15:00	0:18:00	2,217.57	665.27	0.00	0.00	360.04	108.01
172	06.21 19:36:00	0:10:48	2,233.45	402.02	0.00	0.00	344.16	61.95
179	06.28 06:48:35	0:06:00	2,475.87	247.59	0.00	0.00	101.74	10.17
179	06.28 07:00:00	0:13:12	2,488.03	547.37	0.00	0.00	89.58	19.71
179	06.28 07:15:00	0:15:00	2,503.66	625.92	0.00	0.00	73.94	18.49
179	06.28 07:30:00	0:15:00	2,518.80	629.70	0.00	0.00	58.81	14.70
179	06.28 07:45:00	0:15:00	2,533.94	633.48	0.00	0.00	43.67	10.92
179	06.28 08:00:00	0:15:00	2,548.08	637.02	0.00	0.00	29.53	7.38
179	06.28 08:15:00	0:15:00	2,561.73	640.43	0.00	0.00	15.88	3.97
179	06.28 08:30:00	0:15:00	2,572.64	643.16	0.00	0.00	4.96	1.24
179	06.28 08:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
179	06.28 09:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
179	06.28 09:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
179	06.28 09:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
179	06.28 09:45:00	0:15:00	2,439.40	609.85	0.00	0.00	138.21	34.55
179	06.28 10:00:00	0:15:00	2,152.06	538.02	0.00	0.00	425.55	106.39
179	06.28 10:15:00	0:15:00	1,890.53	472.63	0.00	0.00	687.08	171.77
179	06.28 10:30:00	0:15:00	1,646.36	411.59	0.00	0.00	931.24	232.81
179	06.28 10:45:00	0:15:00	1,435.70	358.93	0.00	0.00	1,141.91	285.48
179	06.28 11:00:00	0:15:00	1,256.30	314.07	0.00	0.00	1,321.31	330.33
179	06.28 11:15:00	0:15:00	1,086.08	271.52	0.00	0.00	1,491.53	372.88
179	06.28 11:30:00	0:15:00	924.30	231.07	0.00	0.00	1,653.31	413.33
179	06.28 11:45:00	0:15:00	768.22	192.06	0.00	0.00	1,809.39	452.35
179	06.28 12:00:00	0:15:00	619.34	154.84	0.00	0.00	1,958.27	489.57
179	06.28 12:15:00	0:15:00	469.96	117.49	0.00	0.00	2,107.64	526.91
179	06.28 12:30:00	0:15:00	330.02	82.50	0.00	0.00	2,247.59	561.90
179	06.28 12:45:00	0:15:00	185.60	46.40	0.00	0.00	2,392.00	598.00
179	06.28 13:00:00	0:15:00	51.12	12.78	0.00	0.00	2,526.49	631.62
179	06.28 13:15:00	0:15:00	15.88	3.97	0.00	0.00	2,561.73	640.43
179	06.28 13:30:00	0:15:00	13.65	3.41	0.00	0.00	2,563.96	640.99
179	06.28 13:45:00	0:15:00	12.16	3.04	0.00	0.00	2,565.45	641.36
179	06.28 14:00:00	0:15:00	9.43	2.36	0.00	0.00	2,568.18	642.04
179	06.28 14:15:00	0:15:00	7.94	1.99	0.00	0.00	2,569.67	642.42
179	06.28 14:30:00	0:15:00	5.71	1.43	0.00	0.00	2,571.90	642.98
179	06.28 14:45:00	0:15:00	3.97	0.99	0.00	0.00	2,573.64	643.41
179	06.28 15:00:00	0:15:00	41.19	10.30	0.00	0.00	2,536.42	634.10
179	06.28 15:15:00	0:15:00	304.96	76.24	0.00	0.00	2,272.65	568.16
179	06.28 15:30:00	0:15:00	621.82	155.46	0.00	0.00	1,955.79	488.95
179	06.28 15:45:00	0:15:00	1,005.19	251.30	0.00	0.00	1,572.42	393.11
179	06.28 16:00:00	0:15:00	1,428.50	357.13	0.00	0.00	1,149.10	287.28
179	06.28 16:15:00	0:15:00	1,876.88	469.22	0.00	0.00	700.73	175.18
179	06.28 16:30:00	0:15:00	2,367.93	591.98	0.00	0.00	209.67	52.42
179	06.28 16:45:00	0:15:00	2,494.48	623.62	0.00	0.00	83.13	20.78
179	06.28 17:00:00	0:15:00	2,553.79	638.45	0.00	0.00	23.82	5.96
179	06.28 17:15:00	0:15:00	2,574.63	643.66	0.00	0.00	2.98	0.74
179	06.28 17:30:00	0:15:00	2,544.61	636.15	0.00	0.00	33.00	8.25
179	06.28 17:45:00	0:15:00	2,501.68	625.42	0.00	0.00	75.93	18.98
179	06.28 18:00:00	0:15:00	2,456.52	614.13	0.00	0.00	121.09	30.27
179	06.28 18:15:00	0:15:00	2,412.35	603.09	0.00	0.00	165.26	41.31
179	06.28 18:30:00	0:15:00	2,367.19	591.80	0.00	0.00	210.42	52.60

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
179	06.28 18:45:00	0:15:00	2,321.53	580.38	0.00	0.00	256.07	64.02
179	06.28 19:00:00	0:15:00	2,274.64	568.66	0.00	0.00	302.97	75.74
179	06.28 19:15:00	0:18:00	2,225.75	667.73	0.00	0.00	351.85	105.56
179	06.28 19:36:36	0:10:48	2,241.39	403.45	0.00	0.00	336.22	60.52
186	07.05 06:52:12	0:03:36	2,481.08	148.87	0.00	0.00	96.52	5.79
186	07.05 07:00:00	0:11:24	2,489.52	473.01	0.00	0.00	88.09	16.74
186	07.05 07:15:00	0:15:00	2,503.66	625.92	0.00	0.00	73.94	18.49
186	07.05 07:30:00	0:15:00	2,520.78	630.20	0.00	0.00	56.82	14.21
186	07.05 07:45:00	0:15:00	2,535.92	633.98	0.00	0.00	41.69	10.42
186	07.05 08:00:00	0:15:00	2,550.06	637.52	0.00	0.00	27.54	6.89
186	07.05 08:15:00	0:15:00	2,562.97	640.74	0.00	0.00	14.64	3.66
186	07.05 08:30:00	0:15:00	2,573.64	643.41	0.00	0.00	3.97	0.99
186	07.05 08:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
186	07.05 09:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
186	07.05 09:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
186	07.05 09:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
186	07.05 09:45:00	0:15:00	2,489.52	622.38	0.00	0.00	88.09	22.02
186	07.05 10:00:00	0:15:00	2,194.74	548.68	0.00	0.00	382.87	95.72
186	07.05 10:15:00	0:15:00	1,927.25	481.81	0.00	0.00	650.36	162.59
186	07.05 10:30:00	0:15:00	1,679.37	419.84	0.00	0.00	898.24	224.56
186	07.05 10:45:00	0:15:00	1,462.25	365.56	0.00	0.00	1,115.36	278.84
186	07.05 11:00:00	0:15:00	1,279.87	319.97	0.00	0.00	1,297.74	324.43
186	07.05 11:15:00	0:15:00	1,106.43	276.61	0.00	0.00	1,471.18	367.80
186	07.05 11:30:00	0:15:00	944.64	236.16	0.00	0.00	1,632.96	408.24
186	07.05 11:45:00	0:15:00	786.09	196.52	0.00	0.00	1,791.52	447.88
186	07.05 12:00:00	0:15:00	634.48	158.62	0.00	0.00	1,943.13	485.78
186	07.05 12:15:00	0:15:00	484.85	121.21	0.00	0.00	2,092.76	523.19
186	07.05 12:30:00	0:15:00	343.66	85.92	0.00	0.00	2,233.94	558.49
186	07.05 12:45:00	0:15:00	198.51	49.63	0.00	0.00	2,379.10	594.78
186	07.05 13:00:00	0:15:00	63.03	15.76	0.00	0.00	2,514.58	628.65
186	07.05 13:15:00	0:15:00	16.38	4.09	0.00	0.00	2,561.23	640.31
186	07.05 13:30:00	0:15:00	14.39	3.60	0.00	0.00	2,563.22	640.80
186	07.05 13:45:00	0:15:00	12.90	3.23	0.00	0.00	2,564.70	641.18
186	07.05 14:00:00	0:15:00	10.17	2.54	0.00	0.00	2,567.43	641.86
186	07.05 14:15:00	0:15:00	8.69	2.17	0.00	0.00	2,568.92	642.23
186	07.05 14:30:00	0:15:00	6.20	1.55	0.00	0.00	2,571.40	642.85
186	07.05 14:45:00	0:15:00	4.47	1.12	0.00	0.00	2,573.14	643.29
186	07.05 15:00:00	0:15:00	36.48	9.12	0.00	0.00	2,541.13	635.28
186	07.05 15:15:00	0:15:00	291.56	72.89	0.00	0.00	2,286.05	571.51
186	07.05 15:30:00	0:15:00	606.93	151.73	0.00	0.00	1,970.67	492.67
186	07.05 15:45:00	0:15:00	993.28	248.32	0.00	0.00	1,584.33	396.08
186	07.05 16:00:00	0:15:00	1,415.60	353.90	0.00	0.00	1,162.01	290.50
186	07.05 16:15:00	0:15:00	1,865.96	466.49	0.00	0.00	711.65	177.91
186	07.05 16:30:00	0:15:00	2,356.02	589.01	0.00	0.00	221.58	55.40
186	07.05 16:45:00	0:15:00	2,487.53	621.88	0.00	0.00	90.07	22.52
186	07.05 17:00:00	0:15:00	2,550.81	637.70	0.00	0.00	26.80	6.70
186	07.05 17:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
186	07.05 17:30:00	0:15:00	2,556.52	639.13	0.00	0.00	21.09	5.27
186	07.05 17:45:00	0:15:00	2,516.32	629.08	0.00	0.00	61.29	15.32
186	07.05 18:00:00	0:15:00	2,471.16	617.79	0.00	0.00	106.45	26.61
186	07.05 18:15:00	0:15:00	2,426.25	606.56	0.00	0.00	151.36	37.84
186	07.05 18:30:00	0:15:00	2,380.59	595.15	0.00	0.00	197.02	49.25

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
186	07.05 18:45:00	0:15:00	2,335.43	583.86	0.00	0.00	242.18	60.54
186	07.05 19:00:00	0:15:00	2,288.53	572.13	0.00	0.00	289.08	72.27
186	07.05 19:15:00	0:18:00	2,240.15	672.04	0.00	0.00	337.46	101.24
186	07.05 19:36:00	0:10:48	2,252.55	405.46	0.00	0.00	325.05	58.51
193	07.12 06:56:24	0:01:48	2,489.52	74.69	0.00	0.00	88.09	2.64
193	07.12 07:00:00	0:09:00	2,493.24	373.99	0.00	0.00	84.37	12.66
193	07.12 07:15:00	0:15:00	2,509.12	627.28	0.00	0.00	68.49	17.12
193	07.12 07:30:00	0:15:00	2,524.75	631.19	0.00	0.00	52.85	13.21
193	07.12 07:45:00	0:15:00	2,540.14	635.04	0.00	0.00	37.47	9.37
193	07.12 08:00:00	0:15:00	2,554.03	638.51	0.00	0.00	23.57	5.89
193	07.12 08:15:00	0:15:00	2,566.94	641.73	0.00	0.00	10.67	2.67
193	07.12 08:30:00	0:15:00	2,576.12	644.03	0.00	0.00	1.49	0.37
193	07.12 08:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
193	07.12 09:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
193	07.12 09:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
193	07.12 09:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
193	07.12 09:45:00	0:15:00	2,549.82	637.45	0.00	0.00	27.79	6.95
193	07.12 10:00:00	0:15:00	2,247.59	561.90	0.00	0.00	330.02	82.50
193	07.12 10:15:00	0:15:00	1,972.91	493.23	0.00	0.00	604.70	151.18
193	07.12 10:30:00	0:15:00	1,720.56	430.14	0.00	0.00	857.05	214.26
193	07.12 10:45:00	0:15:00	1,491.53	372.88	0.00	0.00	1,086.08	271.52
193	07.12 11:00:00	0:15:00	1,306.17	326.54	0.00	0.00	1,271.43	317.86
193	07.12 11:15:00	0:15:00	1,130.74	282.69	0.00	0.00	1,446.86	361.72
193	07.12 11:30:00	0:15:00	964.74	241.19	0.00	0.00	1,612.87	403.22
193	07.12 11:45:00	0:15:00	805.19	201.30	0.00	0.00	1,772.42	443.10
193	07.12 12:00:00	0:15:00	652.09	163.02	0.00	0.00	1,925.51	481.38
193	07.12 12:15:00	0:15:00	499.74	124.94	0.00	0.00	2,077.87	519.47
193	07.12 12:30:00	0:15:00	357.81	89.45	0.00	0.00	2,219.80	554.95
193	07.12 12:45:00	0:15:00	211.66	52.91	0.00	0.00	2,365.95	591.49
193	07.12 13:00:00	0:15:00	73.70	18.42	0.00	0.00	2,503.91	625.98
193	07.12 13:15:00	0:15:00	17.87	4.47	0.00	0.00	2,559.74	639.94
193	07.12 13:30:00	0:15:00	15.38	3.85	0.00	0.00	2,562.22	640.56
193	07.12 13:45:00	0:15:00	13.65	3.41	0.00	0.00	2,563.96	640.99
193	07.12 14:00:00	0:15:00	11.17	2.79	0.00	0.00	2,566.44	641.61
193	07.12 14:15:00	0:15:00	9.18	2.30	0.00	0.00	2,568.43	642.11
193	07.12 14:30:00	0:15:00	7.20	1.80	0.00	0.00	2,570.41	642.60
193	07.12 14:45:00	0:15:00	4.96	1.24	0.00	0.00	2,572.64	643.16
193	07.12 15:00:00	0:15:00	38.21	9.55	0.00	0.00	2,539.39	634.85
193	07.12 15:15:00	0:15:00	291.31	72.83	0.00	0.00	2,286.30	571.58
193	07.12 15:30:00	0:15:00	611.15	152.79	0.00	0.00	1,966.46	491.61
193	07.12 15:45:00	0:15:00	997.50	249.37	0.00	0.00	1,580.11	395.03
193	07.12 16:00:00	0:15:00	1,423.54	355.89	0.00	0.00	1,154.07	288.52
193	07.12 16:15:00	0:15:00	1,880.11	470.03	0.00	0.00	697.50	174.38
193	07.12 16:30:00	0:15:00	2,372.90	593.22	0.00	0.00	204.71	51.18
193	07.12 16:45:00	0:15:00	2,483.56	620.89	0.00	0.00	94.04	23.51
193	07.12 17:00:00	0:15:00	2,552.30	638.07	0.00	0.00	25.31	6.33
193	07.12 17:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
193	07.12 17:30:00	0:15:00	2,571.16	642.79	0.00	0.00	6.45	1.61
193	07.12 17:45:00	0:15:00	2,536.91	634.23	0.00	0.00	40.69	10.17
193	07.12 18:00:00	0:15:00	2,491.26	622.81	0.00	0.00	86.35	21.59
193	07.12 18:15:00	0:15:00	2,446.10	611.52	0.00	0.00	131.51	32.88
193	07.12 18:30:00	0:15:00	2,400.94	600.23	0.00	0.00	176.67	44.17

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
193	07.12 18:45:00	0:15:00	2,355.03	588.76	0.00	0.00	222.58	55.64
193	07.12 19:00:00	0:15:00	2,308.38	577.10	0.00	0.00	269.22	67.31
193	07.12 19:15:00	0:16:48	2,259.25	632.59	0.00	0.00	318.36	89.14
193	07.12 19:33:36	0:09:00	2,266.70	340.00	0.00	0.00	310.91	46.64
200	07.19 07:01:11	0:07:48	2,500.93	325.12	0.00	0.00	76.67	9.97
200	07.19 07:16:11	0:14:24	2,517.31	604.15	0.00	0.00	60.30	14.47
200	07.19 07:30:00	0:14:24	2,531.45	607.55	0.00	0.00	46.15	11.08
200	07.19 07:45:00	0:15:00	2,546.34	636.59	0.00	0.00	31.27	7.82
200	07.19 08:00:00	0:15:00	2,559.99	640.00	0.00	0.00	17.62	4.40
200	07.19 08:15:00	0:15:00	2,571.90	642.98	0.00	0.00	5.71	1.43
200	07.19 08:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
200	07.19 08:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
200	07.19 09:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
200	07.19 09:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
200	07.19 09:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
200	07.19 09:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
200	07.19 10:00:00	0:15:00	2,305.65	576.41	0.00	0.00	271.95	67.99
200	07.19 10:15:00	0:15:00	2,022.53	505.63	0.00	0.00	555.07	138.77
200	07.19 10:30:00	0:15:00	1,763.48	440.87	0.00	0.00	814.13	203.53
200	07.19 10:45:00	0:15:00	1,523.54	380.88	0.00	0.00	1,054.07	263.52
200	07.19 11:00:00	0:15:00	1,333.72	333.43	0.00	0.00	1,243.89	310.97
200	07.19 11:15:00	0:15:00	1,154.32	288.58	0.00	0.00	1,423.29	355.82
200	07.19 11:30:00	0:15:00	986.33	246.58	0.00	0.00	1,591.28	397.82
200	07.19 11:45:00	0:15:00	821.07	205.27	0.00	0.00	1,756.53	439.13
200	07.19 12:00:00	0:15:00	667.73	166.93	0.00	0.00	1,909.88	477.47
200	07.19 12:15:00	0:15:00	514.63	128.66	0.00	0.00	2,062.98	515.75
200	07.19 12:30:00	0:15:00	370.46	92.62	0.00	0.00	2,207.14	551.79
200	07.19 12:45:00	0:15:00	221.34	55.33	0.00	0.00	2,356.27	589.07
200	07.19 13:00:00	0:15:00	80.89	20.22	0.00	0.00	2,496.72	624.18
200	07.19 13:15:00	0:15:00	19.35	4.84	0.00	0.00	2,558.25	639.56
200	07.19 13:30:00	0:15:00	17.37	4.34	0.00	0.00	2,560.24	640.06
200	07.19 13:45:00	0:15:00	15.14	3.78	0.00	0.00	2,562.47	640.62
200	07.19 14:00:00	0:15:00	12.90	3.23	0.00	0.00	2,564.70	641.18
200	07.19 14:15:00	0:15:00	10.92	2.73	0.00	0.00	2,566.69	641.67
200	07.19 14:30:00	0:15:00	7.69	1.92	0.00	0.00	2,569.92	642.48
200	07.19 14:45:00	0:15:00	5.96	1.49	0.00	0.00	2,571.65	642.91
200	07.19 15:00:00	0:15:00	47.64	11.91	0.00	0.00	2,529.97	632.49
200	07.19 15:15:00	0:15:00	315.13	78.78	0.00	0.00	2,262.48	565.62
200	07.19 15:30:00	0:15:00	632.24	158.06	0.00	0.00	1,945.36	486.34
200	07.19 15:45:00	0:15:00	1,029.26	257.31	0.00	0.00	1,548.35	387.09
200	07.19 16:00:00	0:15:00	1,459.77	364.94	0.00	0.00	1,117.84	279.46
200	07.19 16:15:00	0:15:00	1,929.48	482.37	0.00	0.00	648.12	162.03
200	07.19 16:30:00	0:15:00	2,395.48	598.87	0.00	0.00	182.13	45.53
200	07.19 16:45:00	0:15:00	2,481.58	620.40	0.00	0.00	96.03	24.01
200	07.19 17:00:00	0:15:00	2,556.27	639.07	0.00	0.00	21.34	5.34
200	07.19 17:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
200	07.19 17:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
200	07.19 17:45:00	0:15:00	2,557.51	639.38	0.00	0.00	20.10	5.03
200	07.19 18:00:00	0:15:00	2,516.57	629.14	0.00	0.00	61.04	15.26
200	07.19 18:15:00	0:15:00	2,471.65	617.91	0.00	0.00	105.95	26.49
200	07.19 18:30:00	0:15:00	2,425.50	606.38	0.00	0.00	152.11	38.03
200	07.19 18:45:00	0:15:00	2,379.60	594.90	0.00	0.00	198.01	49.50

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
200	07.19 19:00:00	0:15:00	2,332.70	583.18	0.00	0.00	244.91	61.23
200	07.19 19:15:00	0:15:00	2,283.57	570.89	0.00	0.00	294.04	73.51
200	07.19 19:30:00	0:07:48	2,295.23	298.38	0.00	0.00	282.38	36.71
207	07.26 07:07:12	0:03:36	2,515.82	150.95	0.00	0.00	61.79	3.71
207	07.26 07:15:00	0:11:24	2,524.26	479.61	0.00	0.00	53.35	10.14
207	07.26 07:30:00	0:15:00	2,540.14	635.04	0.00	0.00	37.47	9.37
207	07.26 07:45:00	0:15:00	2,554.03	638.51	0.00	0.00	23.57	5.89
207	07.26 08:00:00	0:15:00	2,566.94	641.73	0.00	0.00	10.67	2.67
207	07.26 08:15:00	0:15:00	2,576.37	644.09	0.00	0.00	1.24	0.31
207	07.26 08:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
207	07.26 08:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
207	07.26 09:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
207	07.26 09:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
207	07.26 09:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
207	07.26 09:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
207	07.26 10:00:00	0:15:00	2,373.15	593.29	0.00	0.00	204.46	51.12
207	07.26 10:15:00	0:15:00	2,078.36	519.59	0.00	0.00	499.24	124.81
207	07.26 10:30:00	0:15:00	1,811.12	452.78	0.00	0.00	766.48	191.62
207	07.26 10:45:00	0:15:00	1,561.50	390.38	0.00	0.00	1,016.11	254.03
207	07.26 11:00:00	0:15:00	1,362.00	340.50	0.00	0.00	1,215.60	303.90
207	07.26 11:15:00	0:15:00	1,178.63	294.66	0.00	0.00	1,398.97	349.74
207	07.26 11:30:00	0:15:00	1,006.92	251.73	0.00	0.00	1,570.68	392.67
207	07.26 11:45:00	0:15:00	840.43	210.11	0.00	0.00	1,737.18	434.30
207	07.26 12:00:00	0:15:00	682.61	170.65	0.00	0.00	1,894.99	473.75
207	07.26 12:15:00	0:15:00	526.79	131.70	0.00	0.00	2,050.82	512.71
207	07.26 12:30:00	0:15:00	378.90	94.73	0.00	0.00	2,198.71	549.68
207	07.26 12:45:00	0:15:00	229.03	57.26	0.00	0.00	2,348.58	587.15
207	07.26 13:00:00	0:15:00	85.61	21.40	0.00	0.00	2,492.00	623.00
207	07.26 13:15:00	0:15:00	21.34	5.34	0.00	0.00	2,556.27	639.07
207	07.26 13:30:00	0:15:00	19.60	4.90	0.00	0.00	2,558.00	639.50
207	07.26 13:45:00	0:15:00	17.37	4.34	0.00	0.00	2,560.24	640.06
207	07.26 14:00:00	0:15:00	14.14	3.54	0.00	0.00	2,563.46	640.87
207	07.26 14:15:00	0:15:00	11.91	2.98	0.00	0.00	2,565.70	641.42
207	07.26 14:30:00	0:15:00	9.43	2.36	0.00	0.00	2,568.18	642.04
207	07.26 14:45:00	0:15:00	6.95	1.74	0.00	0.00	2,570.66	642.67
207	07.26 15:00:00	0:15:00	68.73	17.18	0.00	0.00	2,508.87	627.22
207	07.26 15:15:00	0:15:00	348.88	87.22	0.00	0.00	2,228.73	557.18
207	07.26 15:30:00	0:15:00	674.92	168.73	0.00	0.00	1,902.69	475.67
207	07.26 15:45:00	0:15:00	1,087.07	271.77	0.00	0.00	1,490.54	372.63
207	07.26 16:00:00	0:15:00	1,524.78	381.19	0.00	0.00	1,052.83	263.21
207	07.26 16:15:00	0:15:00	2,001.69	500.42	0.00	0.00	575.92	143.98
207	07.26 16:30:00	0:15:00	2,393.99	598.50	0.00	0.00	183.62	45.91
207	07.26 16:45:00	0:15:00	2,486.29	621.57	0.00	0.00	91.31	22.83
207	07.26 17:00:00	0:15:00	2,566.94	641.73	0.00	0.00	10.67	2.67
207	07.26 17:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
207	07.26 17:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
207	07.26 17:45:00	0:15:00	2,574.63	643.66	0.00	0.00	2.98	0.74
207	07.26 18:00:00	0:15:00	2,545.60	636.40	0.00	0.00	32.01	8.00
207	07.26 18:15:00	0:15:00	2,500.69	625.17	0.00	0.00	76.92	19.23
207	07.26 18:30:00	0:15:00	2,454.78	613.70	0.00	0.00	122.83	30.71
207	07.26 18:45:00	0:15:00	2,408.13	602.03	0.00	0.00	169.48	42.37
207	07.26 19:00:00	0:15:00	2,361.48	590.37	0.00	0.00	216.12	54.03

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
207	07.26 19:15:00	0:12:36	2,312.85	485.70	0.00	0.00	264.76	55.60
207	07.26 19:25:12	0:05:24	2,311.11	208.00	0.00	0.00	266.50	23.99
214	08.02 07:12:36	0:01:12	2,533.19	50.66	0.00	0.00	44.42	0.89
214	08.02 07:15:00	0:09:00	2,534.93	380.24	0.00	0.00	42.68	6.40
214	08.02 07:30:00	0:15:00	2,550.06	637.52	0.00	0.00	27.54	6.89
214	08.02 07:45:00	0:15:00	2,563.71	640.93	0.00	0.00	13.90	3.47
214	08.02 08:00:00	0:15:00	2,574.88	643.72	0.00	0.00	2.73	0.68
214	08.02 08:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
214	08.02 08:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
214	08.02 08:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
214	08.02 09:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
214	08.02 09:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
214	08.02 09:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
214	08.02 09:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
214	08.02 10:00:00	0:15:00	2,439.15	609.79	0.00	0.00	138.46	34.62
214	08.02 10:15:00	0:15:00	2,134.19	533.55	0.00	0.00	443.41	110.85
214	08.02 10:30:00	0:15:00	1,856.28	464.07	0.00	0.00	721.32	180.33
214	08.02 10:45:00	0:15:00	1,598.97	399.74	0.00	0.00	978.64	244.66
214	08.02 11:00:00	0:15:00	1,388.55	347.14	0.00	0.00	1,189.05	297.26
214	08.02 11:15:00	0:15:00	1,199.97	299.99	0.00	0.00	1,377.64	344.41
214	08.02 11:30:00	0:15:00	1,024.54	256.14	0.00	0.00	1,553.07	388.27
214	08.02 11:45:00	0:15:00	853.83	213.46	0.00	0.00	1,723.78	430.95
214	08.02 12:00:00	0:15:00	694.28	173.57	0.00	0.00	1,883.33	470.83
214	08.02 12:15:00	0:15:00	534.73	133.68	0.00	0.00	2,042.88	510.72
214	08.02 12:30:00	0:15:00	383.37	95.84	0.00	0.00	2,194.24	548.56
214	08.02 12:45:00	0:15:00	231.51	57.88	0.00	0.00	2,346.10	586.53
214	08.02 13:00:00	0:15:00	85.11	21.28	0.00	0.00	2,492.50	623.12
214	08.02 13:15:00	0:15:00	24.07	6.02	0.00	0.00	2,553.54	638.38
214	08.02 13:30:00	0:15:00	21.84	5.46	0.00	0.00	2,555.77	638.94
214	08.02 13:45:00	0:15:00	19.60	4.90	0.00	0.00	2,558.00	639.50
214	08.02 14:00:00	0:15:00	15.88	3.97	0.00	0.00	2,561.73	640.43
214	08.02 14:15:00	0:15:00	12.90	3.23	0.00	0.00	2,564.70	641.18
214	08.02 14:30:00	0:15:00	10.42	2.61	0.00	0.00	2,567.19	641.80
214	08.02 14:45:00	0:15:00	7.69	1.92	0.00	0.00	2,569.92	642.48
214	08.02 15:00:00	0:15:00	116.13	29.03	0.00	0.00	2,461.48	615.37
214	08.02 15:15:00	0:15:00	397.01	99.25	0.00	0.00	2,180.59	545.15
214	08.02 15:30:00	0:15:00	747.38	186.84	0.00	0.00	1,830.23	457.56
214	08.02 15:45:00	0:15:00	1,169.70	292.43	0.00	0.00	1,407.91	351.98
214	08.02 16:00:00	0:15:00	1,625.52	406.38	0.00	0.00	952.09	238.02
214	08.02 16:15:00	0:15:00	2,117.07	529.27	0.00	0.00	460.54	115.13
214	08.02 16:30:00	0:15:00	2,398.70	599.68	0.00	0.00	178.90	44.73
214	08.02 16:45:00	0:15:00	2,501.68	625.42	0.00	0.00	75.93	18.98
214	08.02 17:00:00	0:15:00	2,576.12	644.03	0.00	0.00	1.49	0.37
214	08.02 17:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
214	08.02 17:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
214	08.02 17:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
214	08.02 18:00:00	0:15:00	2,570.16	642.54	0.00	0.00	7.44	1.86
214	08.02 18:15:00	0:15:00	2,532.70	633.17	0.00	0.00	44.91	11.23
214	08.02 18:30:00	0:15:00	2,486.79	621.70	0.00	0.00	90.82	22.70
214	08.02 18:45:00	0:15:00	2,440.14	610.04	0.00	0.00	137.47	34.37
214	08.02 19:00:00	0:15:00	2,392.50	598.13	0.00	0.00	185.11	46.28
214	08.02 19:15:00	0:09:00	2,344.11	351.62	0.00	0.00	233.49	35.02

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
214	08.02 19:18:36	0:01:48	2,332.45	69.97	0.00	0.00	245.16	7.36
221	08.09 07:19:12	0:05:24	2,551.31	229.62	0.00	0.00	26.30	2.37
221	08.09 07:30:00	0:12:36	2,561.73	537.96	0.00	0.00	15.88	3.34
221	08.09 07:45:00	0:15:00	2,573.14	643.29	0.00	0.00	4.47	1.12
221	08.09 08:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
221	08.09 08:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
221	08.09 08:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
221	08.09 08:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
221	08.09 09:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
221	08.09 09:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
221	08.09 09:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
221	08.09 09:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
221	08.09 10:00:00	0:15:00	2,511.36	627.84	0.00	0.00	66.25	16.56
221	08.09 10:15:00	0:15:00	2,192.26	548.06	0.00	0.00	385.35	96.34
221	08.09 10:30:00	0:15:00	1,903.93	475.98	0.00	0.00	673.68	168.42
221	08.09 10:45:00	0:15:00	1,637.68	409.42	0.00	0.00	939.93	234.98
221	08.09 11:00:00	0:15:00	1,413.61	353.40	0.00	0.00	1,163.99	291.00
221	08.09 11:15:00	0:15:00	1,221.06	305.27	0.00	0.00	1,356.54	339.14
221	08.09 11:30:00	0:15:00	1,039.93	259.98	0.00	0.00	1,537.68	384.42
221	08.09 11:45:00	0:15:00	864.74	216.19	0.00	0.00	1,712.86	428.22
221	08.09 12:00:00	0:15:00	701.97	175.49	0.00	0.00	1,875.64	468.91
221	08.09 12:15:00	0:15:00	539.44	134.86	0.00	0.00	2,038.17	509.54
221	08.09 12:30:00	0:15:00	384.85	96.21	0.00	0.00	2,192.75	548.19
221	08.09 12:45:00	0:15:00	229.28	57.32	0.00	0.00	2,348.33	587.08
221	08.09 13:00:00	0:15:00	79.40	19.85	0.00	0.00	2,498.20	624.55
221	08.09 13:15:00	0:15:00	26.80	6.70	0.00	0.00	2,550.81	637.70
221	08.09 13:30:00	0:15:00	24.81	6.20	0.00	0.00	2,552.79	638.20
221	08.09 13:45:00	0:15:00	21.34	5.34	0.00	0.00	2,556.27	639.07
221	08.09 14:00:00	0:15:00	17.87	4.47	0.00	0.00	2,559.74	639.94
221	08.09 14:15:00	0:15:00	15.38	3.85	0.00	0.00	2,562.22	640.56
221	08.09 14:30:00	0:15:00	11.66	2.92	0.00	0.00	2,565.94	641.49
221	08.09 14:45:00	0:15:00	9.68	2.42	0.00	0.00	2,567.93	641.98
221	08.09 15:00:00	0:15:00	178.16	44.54	0.00	0.00	2,399.45	599.86
221	08.09 15:15:00	0:15:00	468.97	117.24	0.00	0.00	2,108.64	527.16
221	08.09 15:30:00	0:15:00	846.88	211.72	0.00	0.00	1,730.73	432.68
221	08.09 15:45:00	0:15:00	1,286.32	321.58	0.00	0.00	1,291.29	322.82
221	08.09 16:00:00	0:15:00	1,753.56	438.39	0.00	0.00	824.05	206.01
221	08.09 16:15:00	0:15:00	2,261.73	565.43	0.00	0.00	315.87	78.97
221	08.09 16:30:00	0:15:00	2,417.56	604.39	0.00	0.00	160.05	40.01
221	08.09 16:45:00	0:15:00	2,529.72	632.43	0.00	0.00	47.89	11.97
221	08.09 17:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
221	08.09 17:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
221	08.09 17:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
221	08.09 17:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
221	08.09 18:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
221	08.09 18:15:00	0:15:00	2,561.97	640.49	0.00	0.00	15.63	3.91
221	08.09 18:30:00	0:15:00	2,520.54	630.13	0.00	0.00	57.07	14.27
221	08.09 18:45:00	0:20:24	2,474.14	841.21	0.00	0.00	103.47	35.18
221	08.09 19:10:48	0:12:36	2,391.01	502.11	0.00	0.00	186.60	39.19
228	08.16 07:25:12	0:02:24	2,568.67	102.75	0.00	0.00	8.93	0.36
228	08.16 07:30:00	0:10:12	2,572.15	437.27	0.00	0.00	5.46	0.93
228	08.16 07:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
228	08.16 08:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
228	08.16 08:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
228	08.16 08:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
228	08.16 08:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
228	08.16 09:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
228	08.16 09:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
228	08.16 09:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
228	08.16 09:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
228	08.16 10:00:00	0:15:00	2,576.86	644.22	0.00	0.00	0.74	0.19
228	08.16 10:15:00	0:15:00	2,252.80	563.20	0.00	0.00	324.81	81.20
228	08.16 10:30:00	0:15:00	1,952.06	488.02	0.00	0.00	625.54	156.39
228	08.16 10:45:00	0:15:00	1,676.39	419.10	0.00	0.00	901.22	225.31
228	08.16 11:00:00	0:15:00	1,439.92	359.98	0.00	0.00	1,137.69	284.42
228	08.16 11:15:00	0:15:00	1,241.16	310.29	0.00	0.00	1,336.45	334.11
228	08.16 11:30:00	0:15:00	1,055.06	263.77	0.00	0.00	1,522.55	380.64
228	08.16 11:45:00	0:15:00	875.66	218.92	0.00	0.00	1,701.95	425.49
228	08.16 12:00:00	0:15:00	706.93	176.73	0.00	0.00	1,870.68	467.67
228	08.16 12:15:00	0:15:00	541.18	135.30	0.00	0.00	2,036.43	509.11
228	08.16 12:30:00	0:15:00	382.87	95.72	0.00	0.00	2,194.74	548.68
228	08.16 12:45:00	0:15:00	223.82	55.95	0.00	0.00	2,353.79	588.45
228	08.16 13:00:00	0:15:00	71.21	17.80	0.00	0.00	2,506.39	626.60
228	08.16 13:15:00	0:15:00	30.02	7.51	0.00	0.00	2,547.58	636.90
228	08.16 13:30:00	0:15:00	26.80	6.70	0.00	0.00	2,550.81	637.70
228	08.16 13:45:00	0:15:00	23.57	5.89	0.00	0.00	2,554.03	638.51
228	08.16 14:00:00	0:15:00	20.35	5.09	0.00	0.00	2,557.26	639.32
228	08.16 14:15:00	0:15:00	16.87	4.22	0.00	0.00	2,560.73	640.18
228	08.16 14:30:00	0:15:00	13.15	3.29	0.00	0.00	2,564.46	641.11
228	08.16 14:45:00	0:15:00	28.29	7.07	0.00	0.00	2,549.32	637.33
228	08.16 15:00:00	0:15:00	250.86	62.72	0.00	0.00	2,326.74	581.69
228	08.16 15:15:00	0:15:00	554.83	138.71	0.00	0.00	2,022.78	505.70
228	08.16 15:30:00	0:15:00	967.47	241.87	0.00	0.00	1,610.14	402.53
228	08.16 15:45:00	0:15:00	1,419.57	354.89	0.00	0.00	1,158.04	289.51
228	08.16 16:00:00	0:15:00	1,913.11	478.28	0.00	0.00	664.50	166.13
228	08.16 16:15:00	0:15:00	2,309.62	577.41	0.00	0.00	267.98	67.00
228	08.16 16:30:00	0:15:00	2,446.59	611.65	0.00	0.00	131.01	32.75
228	08.16 16:45:00	0:15:00	2,566.94	641.73	0.00	0.00	10.67	2.67
228	08.16 17:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
228	08.16 17:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
228	08.16 17:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
228	08.16 17:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
228	08.16 18:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
228	08.16 18:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
228	08.16 18:30:00	0:15:00	2,554.03	638.51	0.00	0.00	23.57	5.89
228	08.16 18:45:00	0:16:12	2,510.11	677.73	0.00	0.00	67.49	18.22
228	08.16 19:02:23	0:08:24	2,454.78	343.67	0.00	0.00	122.83	17.20
235	08.23 07:31:48	0:06:36	2,577.61	283.54	0.00	0.00	0.00	0.00
235	08.23 07:45:00	0:13:48	2,577.61	592.85	0.00	0.00	0.00	0.00
235	08.23 08:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
235	08.23 08:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
235	08.23 08:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
235	08.23 08:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
235	08.23 09:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
235	08.23 09:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
235	08.23 09:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
235	08.23 09:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
235	08.23 10:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
235	08.23 10:15:00	0:15:00	2,311.61	577.90	0.00	0.00	266.00	66.50
235	08.23 10:30:00	0:15:00	1,996.98	499.24	0.00	0.00	580.63	145.16
235	08.23 10:45:00	0:15:00	1,711.13	427.78	0.00	0.00	866.48	216.62
235	08.23 11:00:00	0:15:00	1,461.26	365.31	0.00	0.00	1,116.35	279.09
235	08.23 11:15:00	0:15:00	1,255.55	313.89	0.00	0.00	1,322.05	330.51
235	08.23 11:30:00	0:15:00	1,064.99	266.25	0.00	0.00	1,512.62	378.16
235	08.23 11:45:00	0:15:00	880.62	220.16	0.00	0.00	1,696.98	424.25
235	08.23 12:00:00	0:15:00	706.19	176.55	0.00	0.00	1,871.42	467.86
235	08.23 12:15:00	0:15:00	537.95	134.49	0.00	0.00	2,039.65	509.91
235	08.23 12:30:00	0:15:00	375.18	93.79	0.00	0.00	2,202.43	550.61
235	08.23 12:45:00	0:15:00	212.90	53.23	0.00	0.00	2,364.71	591.18
235	08.23 13:00:00	0:15:00	55.58	13.90	0.00	0.00	2,522.03	630.51
235	08.23 13:15:00	0:15:00	33.99	8.50	0.00	0.00	2,543.61	635.90
235	08.23 13:30:00	0:15:00	29.53	7.38	0.00	0.00	2,548.08	637.02
235	08.23 13:45:00	0:15:00	26.05	6.51	0.00	0.00	2,551.55	637.89
235	08.23 14:00:00	0:15:00	21.34	5.34	0.00	0.00	2,556.27	639.07
235	08.23 14:15:00	0:15:00	18.11	4.53	0.00	0.00	2,559.49	639.87
235	08.23 14:30:00	0:15:00	13.90	3.47	0.00	0.00	2,563.71	640.93
235	08.23 14:45:00	0:15:00	71.96	17.99	0.00	0.00	2,505.65	626.41
235	08.23 15:00:00	0:15:00	341.18	85.30	0.00	0.00	2,236.42	559.11
235	08.23 15:15:00	0:15:00	677.90	169.48	0.00	0.00	1,899.71	474.93
235	08.23 15:30:00	0:15:00	1,119.08	279.77	0.00	0.00	1,458.53	364.63
235	08.23 15:45:00	0:15:00	1,594.75	398.69	0.00	0.00	982.86	245.71
235	08.23 16:00:00	0:15:00	2,112.36	528.09	0.00	0.00	465.25	116.31
235	08.23 16:15:00	0:15:00	2,345.85	586.46	0.00	0.00	231.76	57.94
235	08.23 16:30:00	0:15:00	2,500.19	625.05	0.00	0.00	77.42	19.35
235	08.23 16:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
235	08.23 17:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
235	08.23 17:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
235	08.23 17:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
235	08.23 17:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
235	08.23 18:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
235	08.23 18:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
235	08.23 18:30:00	0:15:00	2,574.63	643.66	0.00	0.00	2.98	0.74
235	08.23 18:45:00	0:11:24	2,545.60	483.66	0.00	0.00	32.01	6.08
235	08.23 18:52:48	0:03:36	2,521.78	151.31	0.00	0.00	55.83	3.35
242	08.30 07:37:48	0:03:36	2,577.61	154.66	0.00	0.00	0.00	0.00
242	08.30 07:45:00	0:11:24	2,577.61	489.75	0.00	0.00	0.00	0.00
242	08.30 08:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
242	08.30 08:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
242	08.30 08:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
242	08.30 08:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
242	08.30 09:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
242	08.30 09:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
242	08.30 09:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
242	08.30 09:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
242	08.30 10:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
242	08.30 10:15:00	0:15:00	2,372.65	593.16	0.00	0.00	204.96	51.24

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
242	08.30 10:30:00	0:15:00	2,044.37	511.09	0.00	0.00	533.24	133.31
242	08.30 10:45:00	0:15:00	1,745.86	436.47	0.00	0.00	831.74	207.94
242	08.30 11:00:00	0:15:00	1,481.36	370.34	0.00	0.00	1,096.25	274.06
242	08.30 11:15:00	0:15:00	1,269.20	317.30	0.00	0.00	1,308.41	327.10
242	08.30 11:30:00	0:15:00	1,073.18	268.29	0.00	0.00	1,504.43	376.11
242	08.30 11:45:00	0:15:00	883.35	220.84	0.00	0.00	1,694.25	423.56
242	08.30 12:00:00	0:15:00	706.68	176.67	0.00	0.00	1,870.92	467.73
242	08.30 12:15:00	0:15:00	531.01	132.75	0.00	0.00	2,046.60	511.65
242	08.30 12:30:00	0:15:00	364.01	91.00	0.00	0.00	2,213.60	553.40
242	08.30 12:45:00	0:15:00	197.51	49.38	0.00	0.00	2,380.09	595.02
242	08.30 13:00:00	0:15:00	42.93	10.73	0.00	0.00	2,534.68	633.67
242	08.30 13:15:00	0:15:00	37.72	9.43	0.00	0.00	2,539.89	634.97
242	08.30 13:30:00	0:15:00	32.26	8.06	0.00	0.00	2,545.35	636.34
242	08.30 13:45:00	0:15:00	28.29	7.07	0.00	0.00	2,549.32	637.33
242	08.30 14:00:00	0:15:00	23.57	5.89	0.00	0.00	2,554.03	638.51
242	08.30 14:15:00	0:15:00	19.35	4.84	0.00	0.00	2,558.25	639.56
242	08.30 14:30:00	0:15:00	14.64	3.66	0.00	0.00	2,562.97	640.74
242	08.30 14:45:00	0:15:00	163.27	40.82	0.00	0.00	2,414.34	603.58
242	08.30 15:00:00	0:15:00	441.68	110.42	0.00	0.00	2,135.93	533.98
242	08.30 15:15:00	0:15:00	834.72	208.68	0.00	0.00	1,742.89	435.72
242	08.30 15:30:00	0:15:00	1,298.48	324.62	0.00	0.00	1,279.13	319.78
242	08.30 15:45:00	0:15:00	1,795.00	448.75	0.00	0.00	782.61	195.65
242	08.30 16:00:00	0:15:00	2,225.75	556.44	0.00	0.00	351.85	87.96
242	08.30 16:15:00	0:15:00	2,408.63	602.16	0.00	0.00	168.98	42.25
242	08.30 16:30:00	0:15:00	2,569.67	642.42	0.00	0.00	7.94	1.99
242	08.30 16:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
242	08.30 17:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
242	08.30 17:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
242	08.30 17:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
242	08.30 17:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
242	08.30 18:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
242	08.30 18:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
242	08.30 18:30:00	0:13:48	2,577.61	592.85	0.00	0.00	0.00	0.00
242	08.30 18:42:36	0:06:36	2,574.63	283.21	0.00	0.00	2.98	0.33
249	09.06 07:44:24	0:07:48	2,577.61	335.09	0.00	0.00	0.00	0.00
249	09.06 08:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
249	09.06 08:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
249	09.06 08:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
249	09.06 08:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
249	09.06 09:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
249	09.06 09:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
249	09.06 09:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
249	09.06 09:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
249	09.06 10:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
249	09.06 10:15:00	0:15:00	2,436.42	609.11	0.00	0.00	141.19	35.30
249	09.06 10:30:00	0:15:00	2,092.01	523.00	0.00	0.00	485.60	121.40
249	09.06 10:45:00	0:15:00	1,781.60	445.40	0.00	0.00	796.01	199.00
249	09.06 11:00:00	0:15:00	1,502.20	375.55	0.00	0.00	1,075.41	268.85
249	09.06 11:15:00	0:15:00	1,283.59	320.90	0.00	0.00	1,294.01	323.50
249	09.06 11:30:00	0:15:00	1,080.62	270.16	0.00	0.00	1,496.99	374.25
249	09.06 11:45:00	0:15:00	885.84	221.46	0.00	0.00	1,691.77	422.94
249	09.06 12:00:00	0:15:00	702.22	175.55	0.00	0.00	1,875.39	468.85

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
249	09.06 12:15:00	0:15:00	522.82	130.70	0.00	0.00	2,054.79	513.70
249	09.06 12:30:00	0:15:00	350.12	87.53	0.00	0.00	2,227.49	556.87
249	09.06 12:45:00	0:15:00	179.40	44.85	0.00	0.00	2,398.21	599.55
249	09.06 13:00:00	0:15:00	45.91	11.48	0.00	0.00	2,531.70	632.93
249	09.06 13:15:00	0:15:00	40.69	10.17	0.00	0.00	2,536.91	634.23
249	09.06 13:30:00	0:15:00	35.48	8.87	0.00	0.00	2,542.12	635.53
249	09.06 13:45:00	0:15:00	30.77	7.69	0.00	0.00	2,546.84	636.71
249	09.06 14:00:00	0:15:00	25.56	6.39	0.00	0.00	2,552.05	638.01
249	09.06 14:15:00	0:15:00	20.35	5.09	0.00	0.00	2,557.26	639.32
249	09.06 14:30:00	0:15:00	38.71	9.68	0.00	0.00	2,538.90	634.72
249	09.06 14:45:00	0:15:00	258.56	64.64	0.00	0.00	2,319.05	579.76
249	09.06 15:00:00	0:15:00	564.26	141.06	0.00	0.00	2,013.35	503.34
249	09.06 15:15:00	0:15:00	1,010.89	252.72	0.00	0.00	1,566.71	391.68
249	09.06 15:30:00	0:15:00	1,497.98	374.50	0.00	0.00	1,079.63	269.91
249	09.06 15:45:00	0:15:00	2,027.50	506.87	0.00	0.00	550.11	137.53
249	09.06 16:00:00	0:15:00	2,293.99	573.50	0.00	0.00	283.62	70.90
249	09.06 16:15:00	0:15:00	2,496.72	624.18	0.00	0.00	80.89	20.22
249	09.06 16:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
249	09.06 16:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
249	09.06 17:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
249	09.06 17:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
249	09.06 17:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
249	09.06 17:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
249	09.06 18:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
249	09.06 18:15:00	0:16:12	2,577.61	695.95	0.00	0.00	0.00	0.00
249	09.06 18:31:48	0:08:24	2,577.61	360.87	0.00	0.00	0.00	0.00
256	09.13 07:50:24	0:04:48	2,577.61	206.21	0.00	0.00	0.00	0.00
256	09.13 08:00:00	0:12:36	2,577.61	541.30	0.00	0.00	0.00	0.00
256	09.13 08:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
256	09.13 08:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
256	09.13 08:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
256	09.13 09:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
256	09.13 09:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
256	09.13 09:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
256	09.13 09:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
256	09.13 10:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
256	09.13 10:15:00	0:15:00	2,503.17	625.79	0.00	0.00	74.44	18.61
256	09.13 10:30:00	0:15:00	2,142.13	535.53	0.00	0.00	435.47	108.87
256	09.13 10:45:00	0:15:00	1,818.57	454.64	0.00	0.00	759.04	189.76
256	09.13 11:00:00	0:15:00	1,524.03	381.01	0.00	0.00	1,053.57	263.39
256	09.13 11:15:00	0:15:00	1,296.00	324.00	0.00	0.00	1,281.61	320.40
256	09.13 11:30:00	0:15:00	1,086.08	271.52	0.00	0.00	1,491.53	372.88
256	09.13 11:45:00	0:15:00	886.08	221.52	0.00	0.00	1,691.52	422.88
256	09.13 12:00:00	0:15:00	696.26	174.07	0.00	0.00	1,881.35	470.34
256	09.13 12:15:00	0:15:00	512.15	128.04	0.00	0.00	2,065.46	516.37
256	09.13 12:30:00	0:15:00	333.74	83.44	0.00	0.00	2,243.87	560.97
256	09.13 12:45:00	0:15:00	158.56	39.64	0.00	0.00	2,419.05	604.76
256	09.13 13:00:00	0:15:00	50.37	12.59	0.00	0.00	2,527.24	631.81
256	09.13 13:15:00	0:15:00	44.42	11.10	0.00	0.00	2,533.19	633.30
256	09.13 13:30:00	0:15:00	38.71	9.68	0.00	0.00	2,538.90	634.72
256	09.13 13:45:00	0:15:00	33.25	8.31	0.00	0.00	2,544.36	636.09
256	09.13 14:00:00	0:15:00	27.05	6.76	0.00	0.00	2,550.56	637.64

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
256	09.13 14:15:00	0:15:00	21.09	5.27	0.00	0.00	2,556.52	639.13
256	09.13 14:30:00	0:15:00	107.94	26.98	0.00	0.00	2,469.67	617.42
256	09.13 14:45:00	0:15:00	357.56	89.39	0.00	0.00	2,220.05	555.01
256	09.13 15:00:00	0:15:00	734.97	183.74	0.00	0.00	1,842.64	460.66
256	09.13 15:15:00	0:15:00	1,208.16	302.04	0.00	0.00	1,369.45	342.36
256	09.13 15:30:00	0:15:00	1,724.28	431.07	0.00	0.00	853.33	213.33
256	09.13 15:45:00	0:15:00	2,153.55	538.39	0.00	0.00	424.06	106.02
256	09.13 16:00:00	0:15:00	2,386.30	596.57	0.00	0.00	191.31	47.83
256	09.13 16:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
256	09.13 16:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
256	09.13 16:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
256	09.13 17:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
256	09.13 17:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
256	09.13 17:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
256	09.13 17:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
256	09.13 18:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
256	09.13 18:15:00	0:10:48	2,577.61	463.97	0.00	0.00	0.00	0.00
256	09.13 18:21:00	0:03:00	2,577.61	128.88	0.00	0.00	0.00	0.00
263	09.20 07:57:00	0:01:12	2,577.61	51.55	0.00	0.00	0.00	0.00
263	09.20 08:00:00	0:09:00	2,577.61	386.64	0.00	0.00	0.00	0.00
263	09.20 08:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
263	09.20 08:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
263	09.20 08:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
263	09.20 09:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
263	09.20 09:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
263	09.20 09:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
263	09.20 09:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
263	09.20 10:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
263	09.20 10:15:00	0:15:00	2,572.89	643.22	0.00	0.00	4.72	1.18
263	09.20 10:30:00	0:15:00	2,200.94	550.24	0.00	0.00	376.67	94.17
263	09.20 10:45:00	0:15:00	1,861.25	465.31	0.00	0.00	716.36	179.09
263	09.20 11:00:00	0:15:00	1,551.33	387.83	0.00	0.00	1,026.28	256.57
263	09.20 11:15:00	0:15:00	1,309.40	327.35	0.00	0.00	1,268.21	317.05
263	09.20 11:30:00	0:15:00	1,092.03	273.01	0.00	0.00	1,485.57	371.39
263	09.20 11:45:00	0:15:00	885.09	221.27	0.00	0.00	1,692.52	423.13
263	09.20 12:00:00	0:15:00	689.81	172.45	0.00	0.00	1,887.80	471.95
263	09.20 12:15:00	0:15:00	499.99	125.00	0.00	0.00	2,077.62	519.41
263	09.20 12:30:00	0:15:00	316.62	79.15	0.00	0.00	2,260.99	565.25
263	09.20 12:45:00	0:15:00	135.98	33.99	0.00	0.00	2,441.63	610.41
263	09.20 13:00:00	0:15:00	54.84	13.71	0.00	0.00	2,522.77	630.69
263	09.20 13:15:00	0:15:00	48.39	12.10	0.00	0.00	2,529.22	632.31
263	09.20 13:30:00	0:15:00	41.44	10.36	0.00	0.00	2,536.17	634.04
263	09.20 13:45:00	0:15:00	35.24	8.81	0.00	0.00	2,542.37	635.59
263	09.20 14:00:00	0:15:00	28.29	7.07	0.00	0.00	2,549.32	637.33
263	09.20 14:15:00	0:15:00	22.83	5.71	0.00	0.00	2,554.78	638.70
263	09.20 14:30:00	0:15:00	189.57	47.39	0.00	0.00	2,388.03	597.01
263	09.20 14:45:00	0:15:00	467.24	116.81	0.00	0.00	2,110.37	527.59
263	09.20 15:00:00	0:15:00	926.03	231.51	0.00	0.00	1,651.57	412.89
263	09.20 15:15:00	0:15:00	1,424.53	356.13	0.00	0.00	1,153.08	288.27
263	09.20 15:30:00	0:15:00	1,969.18	492.30	0.00	0.00	608.42	152.11
263	09.20 15:45:00	0:15:00	2,259.00	564.75	0.00	0.00	318.60	79.65
263	09.20 16:00:00	0:15:00	2,514.58	628.65	0.00	0.00	63.03	15.76

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
263	09.20 16:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
263	09.20 16:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
263	09.20 16:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
263	09.20 17:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
263	09.20 17:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
263	09.20 17:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
263	09.20 17:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
263	09.20 18:00:00	0:12:36	2,577.61	541.30	0.00	0.00	0.00	0.00
263	09.20 18:09:36	0:04:48	2,577.61	206.21	0.00	0.00	0.00	0.00
270	09.27 08:03:00	0:06:00	2,577.61	257.76	0.00	0.00	0.00	0.00
270	09.27 08:15:00	0:13:12	2,577.61	567.07	0.00	0.00	0.00	0.00
270	09.27 08:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
270	09.27 08:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
270	09.27 09:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
270	09.27 09:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
270	09.27 09:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
270	09.27 09:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
270	09.27 10:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
270	09.27 10:15:00	0:15:00	2,576.61	644.15	0.00	0.00	0.99	0.25
270	09.27 10:30:00	0:15:00	2,259.25	564.81	0.00	0.00	318.36	79.59
270	09.27 10:45:00	0:15:00	1,906.16	476.54	0.00	0.00	671.45	167.86
270	09.27 11:00:00	0:15:00	1,579.12	394.78	0.00	0.00	998.49	249.62
270	09.27 11:15:00	0:15:00	1,325.03	331.26	0.00	0.00	1,252.58	313.14
270	09.27 11:30:00	0:15:00	1,098.24	274.56	0.00	0.00	1,479.37	369.84
270	09.27 11:45:00	0:15:00	885.09	221.27	0.00	0.00	1,692.52	423.13
270	09.27 12:00:00	0:15:00	683.86	170.96	0.00	0.00	1,893.75	473.44
270	09.27 12:15:00	0:15:00	486.59	121.65	0.00	0.00	2,091.02	522.75
270	09.27 12:30:00	0:15:00	297.02	74.25	0.00	0.00	2,280.59	570.15
270	09.27 12:45:00	0:15:00	106.20	26.55	0.00	0.00	2,471.41	617.85
270	09.27 13:00:00	0:15:00	58.06	14.52	0.00	0.00	2,519.54	629.89
270	09.27 13:15:00	0:15:00	52.36	13.09	0.00	0.00	2,525.25	631.31
270	09.27 13:30:00	0:15:00	44.42	11.10	0.00	0.00	2,533.19	633.30
270	09.27 13:45:00	0:15:00	37.22	9.31	0.00	0.00	2,540.39	635.10
270	09.27 14:00:00	0:15:00	29.28	7.32	0.00	0.00	2,548.33	637.08
270	09.27 14:15:00	0:15:00	58.56	14.64	0.00	0.00	2,519.05	629.76
270	09.27 14:30:00	0:15:00	273.44	68.36	0.00	0.00	2,304.16	576.04
270	09.27 14:45:00	0:15:00	647.63	161.91	0.00	0.00	1,929.98	482.50
270	09.27 15:00:00	0:15:00	1,135.46	283.86	0.00	0.00	1,442.15	360.54
270	09.27 15:15:00	0:15:00	1,667.95	416.99	0.00	0.00	909.66	227.41
270	09.27 15:30:00	0:15:00	2,111.61	527.90	0.00	0.00	465.99	116.50
270	09.27 15:45:00	0:15:00	2,407.39	601.85	0.00	0.00	170.22	42.56
270	09.27 16:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
270	09.27 16:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
270	09.27 16:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
270	09.27 16:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
270	09.27 17:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
270	09.27 17:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
270	09.27 17:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
270	09.27 17:45:00	0:13:48	2,577.61	592.85	0.00	0.00	0.00	0.00
270	09.27 17:58:11	0:06:36	2,577.61	283.54	0.00	0.00	0.00	0.00
277	10.04 08:09:36	0:02:24	2,577.61	103.10	0.00	0.00	0.00	0.00
277	10.04 08:15:00	0:10:12	2,577.61	438.19	0.00	0.00	0.00	0.00

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
277	10.04 08:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
277	10.04 08:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
277	10.04 09:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
277	10.04 09:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
277	10.04 09:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
277	10.04 09:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
277	10.04 10:00:00	0:15:00	2,577.36	644.34	0.00	0.00	0.25	0.06
277	10.04 10:15:00	0:15:00	2,569.92	642.48	0.00	0.00	7.69	1.92
277	10.04 10:30:00	0:15:00	2,320.79	580.20	0.00	0.00	256.82	64.20
277	10.04 10:45:00	0:15:00	1,949.09	487.27	0.00	0.00	628.52	157.13
277	10.04 11:00:00	0:15:00	1,613.11	403.28	0.00	0.00	964.49	241.12
277	10.04 11:15:00	0:15:00	1,343.14	335.79	0.00	0.00	1,234.46	308.62
277	10.04 11:30:00	0:15:00	1,106.43	276.61	0.00	0.00	1,471.18	367.80
277	10.04 11:45:00	0:15:00	886.58	221.65	0.00	0.00	1,691.03	422.76
277	10.04 12:00:00	0:15:00	677.65	169.41	0.00	0.00	1,899.96	474.99
277	10.04 12:15:00	0:15:00	475.67	118.92	0.00	0.00	2,101.94	525.48
277	10.04 12:30:00	0:15:00	280.14	70.04	0.00	0.00	2,297.46	574.37
277	10.04 12:45:00	0:15:00	97.52	24.38	0.00	0.00	2,480.09	620.02
277	10.04 13:00:00	0:15:00	64.02	16.01	0.00	0.00	2,513.59	628.40
277	10.04 13:15:00	0:15:00	57.07	14.27	0.00	0.00	2,520.54	630.13
277	10.04 13:30:00	0:15:00	47.89	11.97	0.00	0.00	2,529.72	632.43
277	10.04 13:45:00	0:15:00	38.96	9.74	0.00	0.00	2,538.65	634.66
277	10.04 14:00:00	0:15:00	30.02	7.51	0.00	0.00	2,547.58	636.90
277	10.04 14:15:00	0:15:00	129.28	32.32	0.00	0.00	2,448.33	612.08
277	10.04 14:30:00	0:15:00	378.16	94.54	0.00	0.00	2,199.45	549.86
277	10.04 14:45:00	0:15:00	836.71	209.18	0.00	0.00	1,740.90	435.23
277	10.04 15:00:00	0:15:00	1,352.33	338.08	0.00	0.00	1,225.28	306.32
277	10.04 15:15:00	0:15:00	1,909.14	477.28	0.00	0.00	668.47	167.12
277	10.04 15:30:00	0:15:00	2,250.07	562.52	0.00	0.00	327.54	81.88
277	10.04 15:45:00	0:15:00	2,558.75	639.69	0.00	0.00	18.86	4.72
277	10.04 16:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
277	10.04 16:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
277	10.04 16:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
277	10.04 16:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
277	10.04 17:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
277	10.04 17:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
277	10.04 17:30:00	0:16:12	2,577.61	695.95	0.00	0.00	0.00	0.00
277	10.04 17:47:23	0:08:24	2,577.61	360.87	0.00	0.00	0.00	0.00
284	10.11 08:16:11	0:07:12	2,577.61	309.31	0.00	0.00	0.00	0.00
284	10.11 08:30:00	0:14:24	2,577.61	618.63	0.00	0.00	0.00	0.00
284	10.11 08:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
284	10.11 09:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
284	10.11 09:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
284	10.11 09:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
284	10.11 09:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
284	10.11 10:00:00	0:15:00	2,574.63	643.66	0.00	0.00	2.98	0.74
284	10.11 10:15:00	0:15:00	2,561.48	640.37	0.00	0.00	16.13	4.03
284	10.11 10:30:00	0:15:00	2,384.56	596.14	0.00	0.00	193.05	48.26
284	10.11 10:45:00	0:15:00	2,002.19	500.55	0.00	0.00	575.42	143.86
284	10.11 11:00:00	0:15:00	1,653.56	413.39	0.00	0.00	924.05	231.01
284	10.11 11:15:00	0:15:00	1,366.47	341.62	0.00	0.00	1,211.14	302.78
284	10.11 11:30:00	0:15:00	1,120.32	280.08	0.00	0.00	1,457.29	364.32

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
284	10.11 11:45:00	0:15:00	892.78	223.20	0.00	0.00	1,684.82	421.21
284	10.11 12:00:00	0:15:00	677.65	169.41	0.00	0.00	1,899.96	474.99
284	10.11 12:15:00	0:15:00	468.48	117.12	0.00	0.00	2,109.13	527.28
284	10.11 12:30:00	0:15:00	265.25	66.31	0.00	0.00	2,312.35	578.09
284	10.11 12:45:00	0:15:00	82.38	20.60	0.00	0.00	2,495.23	623.81
284	10.11 13:00:00	0:15:00	70.72	17.68	0.00	0.00	2,506.89	626.72
284	10.11 13:15:00	0:15:00	60.79	15.20	0.00	0.00	2,516.81	629.20
284	10.11 13:30:00	0:15:00	51.12	12.78	0.00	0.00	2,526.49	631.62
284	10.11 13:45:00	0:15:00	40.69	10.17	0.00	0.00	2,536.91	634.23
284	10.11 14:00:00	0:15:00	34.24	8.56	0.00	0.00	2,543.36	635.84
284	10.11 14:15:00	0:15:00	183.87	45.97	0.00	0.00	2,393.74	598.44
284	10.11 14:30:00	0:15:00	517.11	129.28	0.00	0.00	2,060.50	515.12
284	10.11 14:45:00	0:15:00	1,019.83	254.96	0.00	0.00	1,557.78	389.45
284	10.11 15:00:00	0:15:00	1,567.21	391.80	0.00	0.00	1,010.40	252.60
284	10.11 15:15:00	0:15:00	2,052.31	513.08	0.00	0.00	525.30	131.32
284	10.11 15:30:00	0:15:00	2,428.23	607.06	0.00	0.00	149.38	37.34
284	10.11 15:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
284	10.11 16:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
284	10.11 16:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
284	10.11 16:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
284	10.11 16:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
284	10.11 17:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
284	10.11 17:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
284	10.11 17:30:00	0:11:24	2,577.61	489.75	0.00	0.00	0.00	0.00
284	10.11 17:37:12	0:03:36	2,577.61	154.66	0.00	0.00	0.00	0.00
291	10.18 08:22:48	0:03:36	2,577.61	154.66	0.00	0.00	0.00	0.00
291	10.18 08:30:00	0:10:48	2,577.61	463.97	0.00	0.00	0.00	0.00
291	10.18 08:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
291	10.18 09:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
291	10.18 09:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
291	10.18 09:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
291	10.18 09:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
291	10.18 10:00:00	0:15:00	2,575.37	643.84	0.00	0.00	2.23	0.56
291	10.18 10:15:00	0:15:00	2,555.52	638.88	0.00	0.00	22.08	5.52
291	10.18 10:30:00	0:15:00	2,457.26	614.32	0.00	0.00	120.35	30.09
291	10.18 10:45:00	0:15:00	2,061.24	515.31	0.00	0.00	516.37	129.09
291	10.18 11:00:00	0:15:00	1,698.47	424.62	0.00	0.00	879.14	219.78
291	10.18 11:15:00	0:15:00	1,396.00	349.00	0.00	0.00	1,181.61	295.40
291	10.18 11:30:00	0:15:00	1,139.92	284.98	0.00	0.00	1,437.68	359.42
291	10.18 11:45:00	0:15:00	903.20	225.80	0.00	0.00	1,674.40	418.60
291	10.18 12:00:00	0:15:00	679.89	169.97	0.00	0.00	1,897.72	474.43
291	10.18 12:15:00	0:15:00	463.76	115.94	0.00	0.00	2,113.85	528.46
291	10.18 12:30:00	0:15:00	253.84	63.46	0.00	0.00	2,323.77	580.94
291	10.18 12:45:00	0:15:00	88.34	22.08	0.00	0.00	2,489.27	622.32
291	10.18 13:00:00	0:15:00	75.18	18.80	0.00	0.00	2,502.42	625.61
291	10.18 13:15:00	0:15:00	64.27	16.07	0.00	0.00	2,513.34	628.34
291	10.18 13:30:00	0:15:00	53.10	13.28	0.00	0.00	2,524.51	631.13
291	10.18 13:45:00	0:15:00	41.69	10.42	0.00	0.00	2,535.92	633.98
291	10.18 14:00:00	0:15:00	66.50	16.63	0.00	0.00	2,511.11	627.78
291	10.18 14:15:00	0:15:00	252.35	63.09	0.00	0.00	2,325.26	581.31
291	10.18 14:30:00	0:15:00	687.83	171.96	0.00	0.00	1,889.78	472.45
291	10.18 14:45:00	0:15:00	1,219.82	304.96	0.00	0.00	1,357.78	339.45

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
291	10.18 15:00:00	0:15:00	1,790.53	447.63	0.00	0.00	787.08	196.77
291	10.18 15:15:00	0:15:00	2,226.75	556.69	0.00	0.00	350.86	87.72
291	10.18 15:30:00	0:15:00	2,576.12	644.03	0.00	0.00	1.49	0.37
291	10.18 15:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
291	10.18 16:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
291	10.18 16:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
291	10.18 16:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
291	10.18 16:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
291	10.18 17:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
291	10.18 17:15:00	0:13:12	2,577.61	567.07	0.00	0.00	0.00	0.00
291	10.18 17:27:00	0:06:00	2,577.61	257.76	0.00	0.00	0.00	0.00
298	10.25 07:30:00	0:07:48	2,577.61	335.09	0.00	0.00	0.00	0.00
298	10.25 07:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
298	10.25 08:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
298	10.25 08:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
298	10.25 08:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
298	10.25 08:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
298	10.25 09:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
298	10.25 09:15:00	0:15:00	2,553.04	638.26	0.00	0.00	24.57	6.14
298	10.25 09:30:00	0:15:00	2,517.31	629.33	0.00	0.00	60.30	15.07
298	10.25 09:45:00	0:15:00	2,132.46	533.11	0.00	0.00	445.15	111.29
298	10.25 10:00:00	0:15:00	1,758.02	439.51	0.00	0.00	819.58	204.90
298	10.25 10:15:00	0:15:00	1,435.45	358.86	0.00	0.00	1,142.16	285.54
298	10.25 10:30:00	0:15:00	1,167.47	291.87	0.00	0.00	1,410.14	352.54
298	10.25 10:45:00	0:15:00	922.31	230.58	0.00	0.00	1,655.30	413.82
298	10.25 11:00:00	0:15:00	688.82	172.20	0.00	0.00	1,888.79	472.20
298	10.25 11:15:00	0:15:00	465.75	116.44	0.00	0.00	2,111.86	527.97
298	10.25 11:30:00	0:15:00	248.38	62.10	0.00	0.00	2,329.23	582.31
298	10.25 11:45:00	0:15:00	94.29	23.57	0.00	0.00	2,483.32	620.83
298	10.25 12:00:00	0:15:00	79.90	19.98	0.00	0.00	2,497.71	624.43
298	10.25 12:15:00	0:15:00	67.74	16.94	0.00	0.00	2,509.87	627.47
298	10.25 12:30:00	0:15:00	55.09	13.77	0.00	0.00	2,522.52	630.63
298	10.25 12:45:00	0:15:00	42.43	10.61	0.00	0.00	2,535.18	633.79
298	10.25 13:00:00	0:15:00	100.25	25.06	0.00	0.00	2,477.36	619.34
298	10.25 13:15:00	0:15:00	333.74	83.44	0.00	0.00	2,243.87	560.97
298	10.25 13:30:00	0:15:00	837.70	209.42	0.00	0.00	1,739.91	434.98
298	10.25 13:45:00	0:15:00	1,392.28	348.07	0.00	0.00	1,185.33	296.33
298	10.25 14:00:00	0:15:00	1,937.42	484.36	0.00	0.00	640.18	160.05
298	10.25 14:15:00	0:15:00	2,416.82	604.20	0.00	0.00	160.79	40.20
298	10.25 14:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
298	10.25 14:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
298	10.25 15:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
298	10.25 15:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
298	10.25 15:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
298	10.25 15:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
298	10.25 16:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
298	10.25 16:15:00	0:09:00	2,577.61	386.64	0.00	0.00	0.00	0.00
298	10.25 16:18:00	0:01:48	2,577.61	77.33	0.00	0.00	0.00	0.00
305	11.01 07:36:35	0:04:12	2,577.61	180.43	0.00	0.00	0.00	0.00
305	11.01 07:45:00	0:11:24	2,577.61	489.75	0.00	0.00	0.00	0.00
305	11.01 08:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
305	11.01 08:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
305	11.01 08:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
305	11.01 08:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
305	11.01 09:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
305	11.01 09:15:00	0:15:00	2,557.01	639.25	0.00	0.00	20.60	5.15
305	11.01 09:30:00	0:15:00	2,513.84	628.46	0.00	0.00	63.77	15.94
305	11.01 09:45:00	0:15:00	2,219.30	554.83	0.00	0.00	358.30	89.58
305	11.01 10:00:00	0:15:00	1,828.25	457.06	0.00	0.00	749.36	187.34
305	11.01 10:15:00	0:15:00	1,484.33	371.08	0.00	0.00	1,093.27	273.32
305	11.01 10:30:00	0:15:00	1,204.44	301.11	0.00	0.00	1,373.17	343.29
305	11.01 10:45:00	0:15:00	948.37	237.09	0.00	0.00	1,629.24	407.31
305	11.01 11:00:00	0:15:00	706.68	176.67	0.00	0.00	1,870.92	467.73
305	11.01 11:15:00	0:15:00	475.92	118.98	0.00	0.00	2,101.69	525.42
305	11.01 11:30:00	0:15:00	250.86	62.72	0.00	0.00	2,326.74	581.69
305	11.01 11:45:00	0:15:00	100.99	25.25	0.00	0.00	2,476.62	619.15
305	11.01 12:00:00	0:15:00	85.61	21.40	0.00	0.00	2,492.00	623.00
305	11.01 12:15:00	0:15:00	71.71	17.93	0.00	0.00	2,505.90	626.47
305	11.01 12:30:00	0:15:00	57.32	14.33	0.00	0.00	2,520.29	630.07
305	11.01 12:45:00	0:15:00	43.42	10.86	0.00	0.00	2,534.18	633.55
305	11.01 13:00:00	0:15:00	112.16	28.04	0.00	0.00	2,465.45	616.36
305	11.01 13:15:00	0:15:00	434.23	108.56	0.00	0.00	2,143.37	535.84
305	11.01 13:30:00	0:15:00	963.25	240.81	0.00	0.00	1,614.35	403.59
305	11.01 13:45:00	0:15:00	1,543.64	385.91	0.00	0.00	1,033.97	258.49
305	11.01 14:00:00	0:15:00	2,087.05	521.76	0.00	0.00	490.56	122.64
305	11.01 14:15:00	0:15:00	2,557.51	639.38	0.00	0.00	20.10	5.03
305	11.01 14:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
305	11.01 14:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
305	11.01 15:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
305	11.01 15:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
305	11.01 15:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
305	11.01 15:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
305	11.01 16:00:00	0:12:36	2,577.61	541.30	0.00	0.00	0.00	0.00
305	11.01 16:10:12	0:05:24	2,577.61	231.99	0.00	0.00	0.00	0.00
312	11.08 07:43:48	0:00:36	2,577.61	25.78	0.00	0.00	0.00	0.00
312	11.08 07:45:00	0:07:48	2,577.61	335.09	0.00	0.00	0.00	0.00
312	11.08 08:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
312	11.08 08:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
312	11.08 08:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
312	11.08 08:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
312	11.08 09:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
312	11.08 09:15:00	0:15:00	2,566.69	641.67	0.00	0.00	10.92	2.73
312	11.08 09:30:00	0:15:00	2,516.07	629.02	0.00	0.00	61.54	15.38
312	11.08 09:45:00	0:15:00	2,320.79	580.20	0.00	0.00	256.82	64.20
312	11.08 10:00:00	0:15:00	1,910.38	477.59	0.00	0.00	667.23	166.81
312	11.08 10:15:00	0:15:00	1,546.37	386.59	0.00	0.00	1,031.24	257.81
312	11.08 10:30:00	0:15:00	1,253.32	313.33	0.00	0.00	1,324.29	331.07
312	11.08 10:45:00	0:15:00	987.32	246.83	0.00	0.00	1,590.29	397.57
312	11.08 11:00:00	0:15:00	736.21	184.05	0.00	0.00	1,841.40	460.35
312	11.08 11:15:00	0:15:00	496.51	124.13	0.00	0.00	2,081.09	520.27
312	11.08 11:30:00	0:15:00	263.02	65.76	0.00	0.00	2,314.59	578.65
312	11.08 11:45:00	0:15:00	108.93	27.23	0.00	0.00	2,468.68	617.17
312	11.08 12:00:00	0:15:00	91.81	22.95	0.00	0.00	2,485.80	621.45
312	11.08 12:15:00	0:15:00	76.18	19.04	0.00	0.00	2,501.43	625.36

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
312	11.08 12:30:00	0:15:00	60.05	15.01	0.00	0.00	2,517.56	629.39
312	11.08 12:45:00	0:15:00	47.89	11.97	0.00	0.00	2,529.72	632.43
312	11.08 13:00:00	0:15:00	123.82	30.96	0.00	0.00	2,453.79	613.45
312	11.08 13:15:00	0:15:00	516.86	129.22	0.00	0.00	2,060.75	515.19
312	11.08 13:30:00	0:15:00	1,056.05	264.01	0.00	0.00	1,521.55	380.39
312	11.08 13:45:00	0:15:00	1,653.56	413.39	0.00	0.00	924.05	231.01
312	11.08 14:00:00	0:15:00	2,237.91	559.48	0.00	0.00	339.69	84.92
312	11.08 14:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
312	11.08 14:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
312	11.08 14:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
312	11.08 15:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
312	11.08 15:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
312	11.08 15:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
312	11.08 15:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
312	11.08 16:00:00	0:09:00	2,577.61	386.64	0.00	0.00	0.00	0.00
312	11.08 16:03:00	0:01:48	2,577.61	77.33	0.00	0.00	0.00	0.00
319	11.15 07:51:00	0:04:48	2,577.61	206.21	0.00	0.00	0.00	0.00
319	11.15 08:00:00	0:12:00	2,577.61	515.52	0.00	0.00	0.00	0.00
319	11.15 08:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
319	11.15 08:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
319	11.15 08:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
319	11.15 09:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
319	11.15 09:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
319	11.15 09:30:00	0:15:00	2,525.00	631.25	0.00	0.00	52.60	13.15
319	11.15 09:45:00	0:15:00	2,430.22	607.55	0.00	0.00	147.39	36.85
319	11.15 10:00:00	0:15:00	2,010.62	502.66	0.00	0.00	566.98	141.75
319	11.15 10:15:00	0:15:00	1,626.51	406.63	0.00	0.00	951.09	237.77
319	11.15 10:30:00	0:15:00	1,312.38	328.09	0.00	0.00	1,265.23	316.31
319	11.15 10:45:00	0:15:00	1,035.71	258.93	0.00	0.00	1,541.90	385.48
319	11.15 11:00:00	0:15:00	775.91	193.98	0.00	0.00	1,801.69	450.42
319	11.15 11:15:00	0:15:00	525.55	131.39	0.00	0.00	2,052.06	513.02
319	11.15 11:30:00	0:15:00	285.11	71.28	0.00	0.00	2,292.50	573.13
319	11.15 11:45:00	0:15:00	117.37	29.34	0.00	0.00	2,460.24	615.06
319	11.15 12:00:00	0:15:00	98.76	24.69	0.00	0.00	2,478.85	619.71
319	11.15 12:15:00	0:15:00	81.14	20.29	0.00	0.00	2,496.47	624.12
319	11.15 12:30:00	0:15:00	63.52	15.88	0.00	0.00	2,514.09	628.52
319	11.15 12:45:00	0:15:00	48.63	12.16	0.00	0.00	2,528.97	632.24
319	11.15 13:00:00	0:15:00	125.31	31.33	0.00	0.00	2,452.30	613.08
319	11.15 13:15:00	0:15:00	565.50	141.37	0.00	0.00	2,012.11	503.03
319	11.15 13:30:00	0:15:00	1,122.80	280.70	0.00	0.00	1,454.80	363.70
319	11.15 13:45:00	0:15:00	1,740.41	435.10	0.00	0.00	837.20	209.30
319	11.15 14:00:00	0:15:00	2,368.18	592.05	0.00	0.00	209.42	52.36
319	11.15 14:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
319	11.15 14:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
319	11.15 14:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
319	11.15 15:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
319	11.15 15:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
319	11.15 15:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
319	11.15 15:45:00	0:13:48	2,577.61	592.85	0.00	0.00	0.00	0.00
319	11.15 15:57:36	0:06:36	2,577.61	283.54	0.00	0.00	0.00	0.00
326	11.22 07:57:36	0:01:12	2,577.61	51.55	0.00	0.00	0.00	0.00
326	11.22 08:00:00	0:09:00	2,577.61	386.64	0.00	0.00	0.00	0.00

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
326	11.22 08:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
326	11.22 08:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
326	11.22 08:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
326	11.22 09:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
326	11.22 09:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
326	11.22 09:30:00	0:15:00	2,541.88	635.47	0.00	0.00	35.73	8.93
326	11.22 09:45:00	0:15:00	2,467.93	616.98	0.00	0.00	109.68	27.42
326	11.22 10:00:00	0:15:00	2,119.80	529.95	0.00	0.00	457.81	114.45
326	11.22 10:15:00	0:15:00	1,724.53	431.13	0.00	0.00	853.08	213.27
326	11.22 10:30:00	0:15:00	1,384.83	346.21	0.00	0.00	1,192.78	298.19
326	11.22 10:45:00	0:15:00	1,095.51	273.88	0.00	0.00	1,482.10	370.53
326	11.22 11:00:00	0:15:00	824.05	206.01	0.00	0.00	1,753.56	438.39
326	11.22 11:15:00	0:15:00	566.24	141.56	0.00	0.00	2,011.37	502.84
326	11.22 11:30:00	0:15:00	319.10	79.78	0.00	0.00	2,258.51	564.63
326	11.22 11:45:00	0:15:00	127.54	31.89	0.00	0.00	2,450.07	612.52
326	11.22 12:00:00	0:15:00	106.20	26.55	0.00	0.00	2,471.41	617.85
326	11.22 12:15:00	0:15:00	87.10	21.77	0.00	0.00	2,490.51	622.63
326	11.22 12:30:00	0:15:00	67.74	16.94	0.00	0.00	2,509.87	627.47
326	11.22 12:45:00	0:15:00	49.63	12.41	0.00	0.00	2,527.98	632.00
326	11.22 13:00:00	0:15:00	116.13	29.03	0.00	0.00	2,461.48	615.37
326	11.22 13:15:00	0:15:00	586.84	146.71	0.00	0.00	1,990.77	497.69
326	11.22 13:30:00	0:15:00	1,157.54	289.39	0.00	0.00	1,420.07	355.02
326	11.22 13:45:00	0:15:00	1,794.00	448.50	0.00	0.00	783.60	195.90
326	11.22 14:00:00	0:15:00	2,458.26	614.56	0.00	0.00	119.35	29.84
326	11.22 14:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
326	11.22 14:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
326	11.22 14:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
326	11.22 15:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
326	11.22 15:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
326	11.22 15:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
326	11.22 15:45:00	0:12:00	2,577.61	515.52	0.00	0.00	0.00	0.00
326	11.22 15:54:00	0:04:48	2,577.61	206.21	0.00	0.00	0.00	0.00
333	11.29 08:04:12	0:05:24	2,577.61	231.99	0.00	0.00	0.00	0.00
333	11.29 08:15:00	0:12:36	2,577.61	541.30	0.00	0.00	0.00	0.00
333	11.29 08:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
333	11.29 08:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
333	11.29 09:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
333	11.29 09:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
333	11.29 09:30:00	0:15:00	2,563.22	640.80	0.00	0.00	14.39	3.60
333	11.29 09:45:00	0:15:00	2,484.56	621.14	0.00	0.00	93.05	23.26
333	11.29 10:00:00	0:15:00	2,238.66	559.66	0.00	0.00	338.95	84.74
333	11.29 10:15:00	0:15:00	1,828.49	457.12	0.00	0.00	749.11	187.28
333	11.29 10:30:00	0:15:00	1,464.98	366.24	0.00	0.00	1,112.63	278.16
333	11.29 10:45:00	0:15:00	1,164.99	291.25	0.00	0.00	1,412.62	353.16
333	11.29 11:00:00	0:15:00	882.61	220.65	0.00	0.00	1,695.00	423.75
333	11.29 11:15:00	0:15:00	618.10	154.53	0.00	0.00	1,959.51	489.88
333	11.29 11:30:00	0:15:00	363.02	90.76	0.00	0.00	2,214.59	553.65
333	11.29 11:45:00	0:15:00	141.44	35.36	0.00	0.00	2,436.17	609.04
333	11.29 12:00:00	0:15:00	113.89	28.47	0.00	0.00	2,463.71	615.93
333	11.29 12:15:00	0:15:00	95.04	23.76	47.89	11.97	2,434.68	608.67
333	11.29 12:30:00	0:15:00	72.46	18.11	119.60	29.90	2,385.55	596.39
333	11.29 12:45:00	0:15:00	52.85	13.21	160.54	40.14	2,364.21	591.05

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
333	11.29 13:00:00	0:15:00	101.49	25.37	83.87	20.97	2,392.25	598.06
333	11.29 13:15:00	0:15:00	578.65	144.66	0.00	0.00	1,998.96	499.74
333	11.29 13:30:00	0:15:00	1,162.75	290.69	12.90	3.23	1,401.95	350.49
333	11.29 13:45:00	0:15:00	1,814.35	453.59	35.48	8.87	727.77	181.94
333	11.29 14:00:00	0:15:00	2,493.24	623.31	0.00	0.00	84.37	21.09
333	11.29 14:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
333	11.29 14:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
333	11.29 14:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
333	11.29 15:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
333	11.29 15:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
333	11.29 15:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
333	11.29 15:45:00	0:10:48	2,577.61	463.97	0.00	0.00	0.00	0.00
333	11.29 15:51:36	0:03:00	2,577.61	128.88	0.00	0.00	0.00	0.00
340	12.06 08:10:12	0:02:24	2,577.61	103.10	0.00	0.00	0.00	0.00
340	12.06 08:15:00	0:10:12	2,577.61	438.19	0.00	0.00	0.00	0.00
340	12.06 08:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
340	12.06 08:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
340	12.06 09:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
340	12.06 09:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
340	12.06 09:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
340	12.06 09:45:00	0:15:00	2,506.64	626.66	0.00	0.00	70.97	17.74
340	12.06 10:00:00	0:15:00	2,361.48	590.37	0.00	0.00	216.12	54.03
340	12.06 10:15:00	0:15:00	1,940.15	485.04	0.00	0.00	637.45	159.36
340	12.06 10:30:00	0:15:00	1,550.83	387.71	0.00	0.00	1,026.78	256.69
340	12.06 10:45:00	0:15:00	1,240.42	310.10	0.00	0.00	1,337.19	334.30
340	12.06 11:00:00	0:15:00	948.61	237.15	0.00	0.00	1,628.99	407.25
340	12.06 11:15:00	0:15:00	677.40	169.35	0.00	0.00	1,900.20	475.05
340	12.06 11:30:00	0:15:00	415.87	103.97	0.00	0.00	2,161.74	540.43
340	12.06 11:45:00	0:15:00	158.31	39.58	0.00	0.00	2,419.30	604.82
340	12.06 12:00:00	0:15:00	117.12	29.28	0.00	0.00	2,460.49	615.12
340	12.06 12:15:00	0:15:00	99.25	24.81	94.29	23.57	2,384.06	596.02
340	12.06 12:30:00	0:15:00	77.91	19.48	251.86	62.96	2,247.84	561.96
340	12.06 12:45:00	0:15:00	56.57	14.14	320.09	80.02	2,200.94	550.24
340	12.06 13:00:00	0:15:00	75.18	18.80	206.45	51.61	2,295.98	573.99
340	12.06 13:15:00	0:15:00	535.47	133.87	75.93	18.98	1,966.21	491.55
340	12.06 13:30:00	0:15:00	1,123.05	280.76	104.71	26.18	1,349.84	337.46
340	12.06 13:45:00	0:15:00	1,785.32	446.33	96.77	24.19	695.52	173.88
340	12.06 14:00:00	0:15:00	2,483.56	620.89	0.00	0.00	94.04	23.51
340	12.06 14:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
340	12.06 14:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
340	12.06 14:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
340	12.06 15:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
340	12.06 15:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
340	12.06 15:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
340	12.06 15:45:00	0:10:12	2,577.61	438.19	0.00	0.00	0.00	0.00
340	12.06 15:51:00	0:03:00	2,577.61	128.88	0.00	0.00	0.00	0.00
347	12.13 08:15:36	0:07:12	2,577.61	309.31	0.00	0.00	0.00	0.00
347	12.13 08:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
347	12.13 08:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
347	12.13 09:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
347	12.13 09:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
347	12.13 09:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
347	12.13 09:45:00	0:15:00	2,530.96	632.74	0.00	0.00	46.65	11.66
347	12.13 10:00:00	0:15:00	2,434.93	608.73	0.00	0.00	142.68	35.67
347	12.13 10:15:00	0:15:00	2,054.79	513.70	0.00	0.00	522.82	130.70
347	12.13 10:30:00	0:15:00	1,649.59	412.40	0.00	0.00	928.02	232.00
347	12.13 10:45:00	0:15:00	1,319.32	329.83	0.00	0.00	1,258.28	314.57
347	12.13 11:00:00	0:15:00	1,020.32	255.08	0.00	0.00	1,557.28	389.32
347	12.13 11:15:00	0:15:00	742.41	185.60	0.00	0.00	1,835.19	458.80
347	12.13 11:30:00	0:15:00	474.93	118.73	0.00	0.00	2,102.68	525.67
347	12.13 11:45:00	0:15:00	219.10	54.78	0.00	0.00	2,358.51	589.63
347	12.13 12:00:00	0:15:00	128.78	32.20	0.00	0.00	2,448.83	612.21
347	12.13 12:15:00	0:15:00	106.45	26.61	79.90	19.98	2,391.26	597.82
347	12.13 12:30:00	0:15:00	83.37	20.84	297.51	74.38	2,196.72	549.18
347	12.13 12:45:00	0:15:00	60.79	15.20	424.31	106.08	2,092.51	523.13
347	12.13 13:00:00	0:15:00	54.59	13.65	321.83	80.46	2,201.19	550.30
347	12.13 13:15:00	0:15:00	452.60	113.15	192.55	48.14	1,932.46	483.12
347	12.13 13:30:00	0:15:00	1,043.15	260.79	178.16	44.54	1,356.30	339.07
347	12.13 13:45:00	0:15:00	1,704.43	426.11	143.42	35.86	729.76	182.44
347	12.13 14:00:00	0:15:00	2,409.37	602.34	6.45	1.61	161.78	40.45
347	12.13 14:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
347	12.13 14:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
347	12.13 14:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
347	12.13 15:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
347	12.13 15:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
347	12.13 15:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
347	12.13 15:45:00	0:10:48	2,577.61	463.97	0.00	0.00	0.00	0.00
347	12.13 15:52:11	0:03:36	2,577.61	154.66	0.00	0.00	0.00	0.00
354	12.20 08:19:48	0:04:48	2,577.61	206.21	0.00	0.00	0.00	0.00
354	12.20 08:30:00	0:12:36	2,577.61	541.30	0.00	0.00	0.00	0.00
354	12.20 08:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
354	12.20 09:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
354	12.20 09:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
354	12.20 09:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
354	12.20 09:45:00	0:15:00	2,553.79	638.45	0.00	0.00	23.82	5.96
354	12.20 10:00:00	0:15:00	2,458.75	614.69	0.00	0.00	118.86	29.71
354	12.20 10:15:00	0:15:00	2,161.24	540.31	0.00	0.00	416.37	104.09
354	12.20 10:30:00	0:15:00	1,745.86	436.47	0.00	0.00	831.74	207.94
354	12.20 10:45:00	0:15:00	1,396.00	349.00	0.00	0.00	1,181.61	295.40
354	12.20 11:00:00	0:15:00	1,091.04	272.76	0.00	0.00	1,486.57	371.64
354	12.20 11:15:00	0:15:00	806.93	201.73	0.00	0.00	1,770.68	442.67
354	12.20 11:30:00	0:15:00	536.96	134.24	0.00	0.00	2,040.65	510.16
354	12.20 11:45:00	0:15:00	277.17	69.29	0.00	0.00	2,300.44	575.11
354	12.20 12:00:00	0:15:00	134.74	33.68	0.00	0.00	2,442.87	610.72
354	12.20 12:15:00	0:15:00	111.91	27.98	35.24	8.81	2,430.46	607.62
354	12.20 12:30:00	0:15:00	88.58	22.15	275.68	68.92	2,213.35	553.34
354	12.20 12:45:00	0:15:00	66.00	16.50	458.80	114.70	2,052.81	513.20
354	12.20 13:00:00	0:15:00	48.39	12.10	409.67	102.42	2,119.55	529.89
354	12.20 13:15:00	0:15:00	342.18	85.54	268.23	67.06	1,967.20	491.80
354	12.20 13:30:00	0:15:00	924.54	231.14	210.42	52.60	1,442.65	360.66
354	12.20 13:45:00	0:15:00	1,577.13	394.28	175.68	43.92	824.79	206.20
354	12.20 14:00:00	0:15:00	2,285.80	571.45	33.00	8.25	258.80	64.70
354	12.20 14:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
354	12.20 14:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
354	12.20 14:45:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
354	12.20 15:00:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
354	12.20 15:15:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
354	12.20 15:30:00	0:15:00	2,577.61	644.40	0.00	0.00	0.00	0.00
354	12.20 15:45:00	0:12:36	2,577.61	541.30	0.00	0.00	0.00	0.00
354	12.20 15:54:36	0:04:48	2,577.61	206.21	0.00	0.00	0.00	0.00
			1,895,035.54	446,099.99	5,121.22	1,280.31	1,053,780.60	263,085.53

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EXHIBIT D.2

Northeast BART Plaza (Plaza A)

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Summary of Results - 1979 Mission Street - NORTHEAST BART
 PLAZA 'A'
 (Updated datum - FINAL DESIGN)

1979 Mission Street - BART Plaza A
Summary of Results

cadp annualized net new shadow	1,685,082.50 Sq ft hrs	
Annual Available Sunlight (AAS), based on City's AAS Factor	21,663,099.27 Sq ft hrs	
Annual Shadow Increase as a Percentage of AAS	7.779%	8.91%

Exisitng Shadow Load

Annulaized Existing Shadow	5,229,782.81 Sq ft hrs
Annual Available Sunlight (AAS), based on City's AAS Factor	21,663,099.27 Sq ft hrs
	24.1414%

TOTAL Shadow	6,914,865.32
	31.9200%



Quantitative Shadow Results - Impact Times

EXHIBIT D.2

1979 Mission Street - NORTHEAST BART PLAZA 'A'

Date	Mirror	Date+Time	Duration	Duration Totals/day	ExSF	ExSFHr	NewSF	NewSFHr	New SFHR Total/day
21-Jun	None	1991.06.21 07:30:00	0:15:00		5,286.52	1,321.63	534.70	133.68	
		1991.06.21 07:45:00	0:15:00		4,514.59	1,128.65	1,278.74	319.69	
		1991.06.21 08:00:00	0:15:00		3,853.50	963.37	1,890.21	472.55	
		1991.06.21 08:15:00	0:15:00		3,339.78	834.95	2,426.89	606.72	
		1991.06.21 08:30:00	0:15:00		2,925.05	731.26	2,891.48	722.87	
		1991.06.21 08:45:00	0:15:00		2,607.59	651.90	3,213.63	803.41	
		1991.06.21 09:00:00	0:15:00		2,334.07	583.52	3,487.16	871.79	
		1991.06.21 09:15:00	0:15:00		2,090.42	522.60	3,726.12	931.53	
		1991.06.21 09:30:00	0:15:00		1,874.66	468.67	3,647.12	911.78	
		1991.06.21 09:45:00	0:15:00		1,669.03	417.26	2,978.13	744.53	
		1991.06.21 10:00:00	0:15:00		1,484.13	371.03	2,547.36	636.84	
		1991.06.21 10:15:00	0:15:00		1,315.27	328.82	2,184.22	546.06	
		1991.06.21 10:30:00	0:15:00		1,160.00	290.00	1,871.45	467.86	
		1991.06.21 10:45:00	0:15:00		1,014.84	253.71	1,584.85	396.21	
		1991.06.21 11:00:00	0:15:00		879.57	219.89	1,332.31	333.08	
		1991.06.21 11:15:00	0:15:00		750.46	187.61	1,094.58	273.65	
		1991.06.21 11:30:00	0:15:00		629.25	157.31	882.53	220.63	
		1991.06.21 11:45:00	0:15:00		511.50	127.87	675.66	168.91	
		1991.06.21 12:00:00	0:15:00		399.91	99.98	491.01	122.75	
		1991.06.21 12:15:00	0:15:00		287.35	71.84	307.34	76.84	
		1991.06.21 12:30:00	0:15:00		183.91	45.98	236.99	59.25	
		1991.06.21 12:45:00	0:15:00		77.76	19.44	82.95	20.74	
		1991.06.21 13:00:00	0:15:00		0.99	0.25	28.88	7.22	
		1991.06.21 17:15:00	0:15:00		5.18	1.30	0.49	0.12	
		1991.06.21 17:30:00	0:15:00		369.30	92.33	44.19	11.05	
		1991.06.21 17:45:00	0:15:00		729.97	182.49	111.58	27.90	
		1991.06.21 18:00:00	0:15:00		1,061.50	265.38	209.34	52.33	
		1991.06.21 18:15:00	0:15:00		1,354.53	338.63	280.68	70.17	
		1991.06.21 18:30:00	0:15:00		1,531.03	382.76	374.49	93.62	
		1991.06.21 18:45:00	0:15:00		1,553.50	388.37	329.07	82.27	
		1991.06.21 19:00:00	0:15:00		1,961.56	490.39	217.24	54.31	
		1991.06.21 19:15:00	0:18:00	8:03:00	2,853.22	855.97	129.60	38.88	10,279.22
28-Jun	14-Jun	1991.06.28 07:30:00	0:15:00		5,388.97	1,347.24	432.25	108.06	
		1991.06.28 07:45:00	0:15:00		4,615.31	1,153.83	1,188.63	297.16	
		1991.06.28 08:00:00	0:15:00		3,932.00	983.00	1,816.90	454.22	
		1991.06.28 08:15:00	0:15:00		3,399.52	849.88	2,367.15	591.79	
		1991.06.28 08:30:00	0:15:00		2,971.46	742.87	2,844.58	711.14	
		1991.06.28 08:45:00	0:15:00		2,648.57	662.14	3,172.65	793.16	
		1991.06.28 09:00:00	0:15:00		2,364.68	591.17	3,456.54	864.14	
		1991.06.28 09:15:00	0:15:00		2,120.04	530.01	3,697.73	924.43	
		1991.06.28 09:30:00	0:15:00		1,902.06	475.52	3,711.30	927.83	
		1991.06.28 09:45:00	0:15:00		1,692.97	423.24	3,033.92	758.48	
		1991.06.28 10:00:00	0:15:00		1,505.60	376.40	2,586.11	646.53	
		1991.06.28 10:15:00	0:15:00		1,333.30	333.32	2,219.03	554.76	
		1991.06.28 10:30:00	0:15:00		1,177.03	294.26	1,901.57	475.39	
		1991.06.28 10:45:00	0:15:00		1,030.64	257.66	1,612.25	403.06	
		1991.06.28 11:00:00	0:15:00		893.64	223.41	1,357.24	339.31	
		1991.06.28 11:15:00	0:15:00		763.79	190.95	1,117.05	279.26	
		1991.06.28 11:30:00	0:15:00		642.58	160.65	902.03	225.51	
		1991.06.28 11:45:00	0:15:00		522.85	130.71	696.64	174.16	
		1991.06.28 12:00:00	0:15:00		412.50	103.13	510.01	127.50	
		1991.06.28 12:15:00	0:15:00		299.20	74.80	324.87	81.22	
		1991.06.28 12:30:00	0:15:00		195.02	48.76	244.89	61.22	
		1991.06.28 12:45:00	0:15:00		87.64	21.91	89.12	22.28	
		1991.06.28 13:00:00	0:15:00		5.18	1.30	34.07	8.52	
		1991.06.28 17:15:00	0:15:00		0.00	0.00	0.49	0.12	
		1991.06.28 17:30:00	0:15:00		350.05	87.51	32.59	8.15	
		1991.06.28 17:45:00	0:15:00		712.69	178.17	100.47	25.12	
		1991.06.28 18:00:00	0:15:00		1,056.56	264.14	191.07	47.77	
		1991.06.28 18:15:00	0:15:00		1,356.99	339.25	261.18	65.30	
		1991.06.28 18:30:00	0:15:00		1,534.73	383.68	373.50	93.38	
		1991.06.28 18:45:00	0:15:00		1,594.23	398.56	330.79	82.70	
		1991.06.28 19:00:00	0:15:00		1,956.62	489.16	223.66	55.91	

EXHIBIT D.2

Date	Mirror	Date+Time	Duration	Duration Totals/day	ExSF	ExSFHr	NewSF	NewSFHr	New SFHR Total/day
		1991.06.28 19:15:00	0:18:00	8:03:00	2,791.50	837.45	129.11	38.73	10,246.30
5-Jul	7-Jul	1991.07.05 07:30:00	0:15:00		5,544.00	1,386.00	277.23	69.31	
		1991.07.05 07:45:00	0:15:00		4,760.71	1,190.18	1,060.27	265.07	
		1991.07.05 08:00:00	0:15:00		4,041.11	1,010.28	1,721.61	430.40	
		1991.07.05 08:15:00	0:15:00		3,482.46	870.62	2,293.83	573.46	
		1991.07.05 08:30:00	0:15:00		3,039.60	759.90	2,780.39	695.10	
		1991.07.05 08:45:00	0:15:00		2,698.93	674.73	3,122.30	780.57	
		1991.07.05 09:00:00	0:15:00		2,414.05	603.51	3,407.17	851.79	
		1991.07.05 09:15:00	0:15:00		2,159.29	539.82	3,650.33	912.58	
		1991.07.05 09:30:00	0:15:00		1,930.95	482.74	3,721.67	930.42	
		1991.07.05 09:45:00	0:15:00		1,720.87	430.22	3,095.88	773.97	
		1991.07.05 10:00:00	0:15:00		1,530.04	382.51	2,621.66	655.42	
		1991.07.05 10:15:00	0:15:00		1,355.51	338.88	2,249.89	562.47	
		1991.07.05 10:30:00	0:15:00		1,196.04	299.01	1,928.23	482.06	
		1991.07.05 10:45:00	0:15:00		1,047.18	261.80	1,637.43	409.36	
		1991.07.05 11:00:00	0:15:00		909.93	227.48	1,379.46	344.86	
		1991.07.05 11:15:00	0:15:00		778.11	194.53	1,137.53	284.38	
		1991.07.05 11:30:00	0:15:00		655.66	163.92	921.78	230.44	
		1991.07.05 11:45:00	0:15:00		535.69	133.92	712.69	178.17	
		1991.07.05 12:00:00	0:15:00		422.87	105.72	527.54	131.89	
		1991.07.05 12:15:00	0:15:00		310.06	77.51	341.66	85.41	
		1991.07.05 12:30:00	0:15:00		205.64	51.41	241.92	60.48	
		1991.07.05 12:45:00	0:15:00		97.51	24.38	94.55	23.64	
		1991.07.05 13:00:00	0:15:00		10.62	2.65	39.00	9.75	
		1991.07.05 17:30:00	0:15:00		363.38	90.85	11.85	2.96	
		1991.07.05 17:45:00	0:15:00		738.61	184.65	74.80	18.70	
		1991.07.05 18:00:00	0:15:00		1,098.04	274.51	160.95	40.24	
		1991.07.05 18:15:00	0:15:00		1,421.42	355.36	226.37	56.59	
		1991.07.05 18:30:00	0:15:00		1,631.26	407.81	340.67	85.17	
		1991.07.05 18:45:00	0:15:00		1,697.17	424.29	321.91	80.48	
		1991.07.05 19:00:00	0:15:00		2,047.46	511.87	222.18	55.54	
		1991.07.05 19:15:00	0:18:00	7:48:00	2,858.15	857.45	130.84	39.25	10,119.93
12-Jul	31-May	1991.07.12 07:30:00	0:15:00		5,762.22	1,440.56	59.00	14.75	
		1991.07.12 07:45:00	0:15:00		4,932.52	1,233.13	888.70	222.18	
		1991.07.12 08:00:00	0:15:00		4,176.88	1,044.22	1,604.84	401.21	
		1991.07.12 08:15:00	0:15:00		3,587.38	896.85	2,205.45	551.36	
		1991.07.12 08:30:00	0:15:00		3,125.75	781.44	2,695.47	673.87	
		1991.07.12 08:45:00	0:15:00		2,772.49	693.12	3,048.73	762.18	
		1991.07.12 09:00:00	0:15:00		2,473.30	618.32	3,347.93	836.98	
		1991.07.12 09:15:00	0:15:00		2,212.12	553.03	3,562.45	890.61	
		1991.07.12 09:30:00	0:15:00		1,971.92	492.98	3,651.07	912.77	
		1991.07.12 09:45:00	0:15:00		1,752.96	438.24	3,160.31	790.08	
		1991.07.12 10:00:00	0:15:00		1,558.43	389.61	2,650.54	662.64	
		1991.07.12 10:15:00	0:15:00		1,379.71	344.93	2,273.09	568.27	
		1991.07.12 10:30:00	0:15:00		1,217.27	304.32	1,948.47	487.12	
		1991.07.12 10:45:00	0:15:00		1,065.70	266.42	1,653.97	413.49	
		1991.07.12 11:00:00	0:15:00		925.98	231.49	1,394.76	348.69	
		1991.07.12 11:15:00	0:15:00		792.42	198.11	1,151.36	287.84	
		1991.07.12 11:30:00	0:15:00		669.73	167.43	934.62	233.65	
		1991.07.12 11:45:00	0:15:00		547.29	136.82	727.01	181.75	
		1991.07.12 12:00:00	0:15:00		434.72	108.68	539.64	134.91	
		1991.07.12 12:15:00	0:15:00		319.44	79.86	357.70	89.43	
		1991.07.12 12:30:00	0:15:00		213.54	53.38	239.21	59.80	
		1991.07.12 12:45:00	0:15:00		105.41	26.35	99.24	24.81	
		1991.07.12 13:00:00	0:15:00		14.07	3.52	42.95	10.74	
		1991.07.12 17:30:00	0:15:00		412.75	103.19	2.22	0.56	
		1991.07.12 17:45:00	0:15:00		810.69	202.67	37.03	9.26	
		1991.07.12 18:00:00	0:15:00		1,197.77	299.44	115.04	28.76	
		1991.07.12 18:15:00	0:15:00		1,552.26	388.07	181.69	45.42	
		1991.07.12 18:30:00	0:15:00		1,799.62	449.90	293.02	73.26	
		1991.07.12 18:45:00	0:15:00		1,892.43	473.11	302.16	75.54	
		1991.07.12 19:00:00	0:15:00		2,260.26	565.06	203.41	50.85	
		1991.07.12 19:15:00	0:16:48	7:46:48	3,080.82	862.63	127.63	35.74	9,878.50
19-Jul	24-May	1991.07.19 07:45:00	0:15:00		5,144.08	1,286.02	677.14	169.29	
		1991.07.19 08:00:00	0:15:00		4,358.82	1,089.71	1,444.63	361.16	
		1991.07.19 08:15:00	0:15:00		3,715.50	928.88	2,099.06	524.76	
		1991.07.19 08:30:00	0:15:00		3,236.84	809.21	2,584.39	646.10	

Date	Mirror	Date+Time	Duration	Duration Totals/day	ExSF	ExSFHr	NewSF	NewSFHr	New SFHR Total/day
		1991.07.19 08:45:00	0:15:00		2,860.62	715.16	2,960.60	740.15	
		1991.07.19 09:00:00	0:15:00		2,542.42	635.61	3,278.80	819.70	
		1991.07.19 09:15:00	0:15:00		2,269.39	567.35	3,447.41	861.85	
		1991.07.19 09:30:00	0:15:00		2,015.37	503.84	3,539.74	884.93	
		1991.07.19 09:45:00	0:15:00		1,786.78	446.69	3,214.13	803.53	
		1991.07.19 10:00:00	0:15:00		1,586.57	396.64	2,666.84	666.71	
		1991.07.19 10:15:00	0:15:00		1,404.88	351.22	2,285.93	571.48	
		1991.07.19 10:30:00	0:15:00		1,238.50	309.63	1,958.59	489.65	
		1991.07.19 10:45:00	0:15:00		1,083.97	270.99	1,663.59	415.90	
		1991.07.19 11:00:00	0:15:00		941.77	235.44	1,403.40	350.85	
		1991.07.19 11:15:00	0:15:00		805.75	201.44	1,159.75	289.94	
		1991.07.19 11:30:00	0:15:00		680.10	170.03	943.26	235.81	
		1991.07.19 11:45:00	0:15:00		557.66	139.42	734.90	183.73	
		1991.07.19 12:00:00	0:15:00		442.13	110.53	549.51	137.38	
		1991.07.19 12:15:00	0:15:00		327.34	81.83	366.84	91.71	
		1991.07.19 12:30:00	0:15:00		219.95	54.99	236.25	59.06	
		1991.07.19 12:45:00	0:15:00		110.35	27.59	102.20	25.55	
		1991.07.19 13:00:00	0:15:00		16.54	4.14	45.18	11.29	
		1991.07.19 17:45:00	0:15:00		941.28	235.32	11.85	2.96	
		1991.07.19 18:00:00	0:15:00		1,362.18	340.54	69.37	17.34	
		1991.07.19 18:15:00	0:15:00		1,766.04	441.51	134.05	33.51	
		1991.07.19 18:30:00	0:15:00		2,060.05	515.01	236.49	59.12	
		1991.07.19 18:45:00	0:15:00		2,175.34	543.83	278.71	69.68	
		1991.07.19 19:00:00	0:15:00		2,581.67	645.42	173.05	43.26	
		1991.07.19 19:15:00	0:15:00		3,489.87	872.47	130.10	32.52	
		1991.07.19 19:30:00	0:07:48	7:22:48	5,614.11	729.83	0.49	0.06	9,599.00
26-Jul	17-May	1991.07.26 07:45:00	0:15:00		5,418.10	1,354.53	403.12	100.78	
		1991.07.26 08:00:00	0:15:00		4,566.43	1,141.61	1,252.32	313.08	
		1991.07.26 08:15:00	0:15:00		3,865.84	966.46	1,955.38	488.85	
		1991.07.26 08:30:00	0:15:00		3,371.62	842.91	2,449.60	612.40	
		1991.07.26 08:45:00	0:15:00		2,962.33	740.58	2,858.89	714.72	
		1991.07.26 09:00:00	0:15:00		2,625.86	656.46	3,148.71	787.18	
		1991.07.26 09:15:00	0:15:00		2,324.44	581.11	3,301.27	825.32	
		1991.07.26 09:30:00	0:15:00		2,058.33	514.58	3,403.72	850.93	
		1991.07.26 09:45:00	0:15:00		1,824.80	456.20	3,244.00	811.00	
		1991.07.26 10:00:00	0:15:00		1,616.69	404.17	2,679.18	669.80	
		1991.07.26 10:15:00	0:15:00		1,429.57	357.39	2,290.87	572.72	
		1991.07.26 10:30:00	0:15:00		1,259.48	314.87	1,960.57	490.14	
		1991.07.26 10:45:00	0:15:00		1,103.22	275.81	1,661.37	415.34	
		1991.07.26 11:00:00	0:15:00		957.57	239.39	1,404.88	351.22	
		1991.07.26 11:15:00	0:15:00		819.33	204.83	1,159.51	289.88	
		1991.07.26 11:30:00	0:15:00		691.95	172.99	943.75	235.94	
		1991.07.26 11:45:00	0:15:00		567.04	141.76	736.88	184.22	
		1991.07.26 12:00:00	0:15:00		450.27	112.57	554.45	138.61	
		1991.07.26 12:15:00	0:15:00		333.02	83.25	372.02	93.01	
		1991.07.26 12:30:00	0:15:00		224.64	56.16	233.04	58.26	
		1991.07.26 12:45:00	0:15:00		114.05	28.51	104.18	26.04	
		1991.07.26 13:00:00	0:15:00		18.02	4.51	46.16	11.54	
		1991.07.26 18:00:00	0:15:00		1,617.68	404.42	23.45	5.86	
		1991.07.26 18:15:00	0:15:00		2,080.54	520.14	81.46	20.37	
		1991.07.26 18:30:00	0:15:00		2,437.26	609.31	175.02	43.76	
		1991.07.26 18:45:00	0:15:00		2,540.44	635.11	242.66	60.67	
		1991.07.26 19:00:00	0:15:00		3,015.16	753.79	132.32	33.08	
		1991.07.26 19:15:00	0:12:36		4,114.68	864.08	75.79	15.92	
		1991.07.26 19:25:12	0:05:24	7:03:00	5,603.74	504.34	0.74	0.07	9,220.68
2-Aug	10-May	1991.08.02 07:45:00	0:15:00		5,749.88	1,437.47	71.34	17.84	
		1991.08.02 08:00:00	0:15:00		4,800.45	1,200.11	1,020.77	255.19	
		1991.08.02 08:15:00	0:15:00		4,052.96	1,013.24	1,768.26	442.07	
		1991.08.02 08:30:00	0:15:00		3,513.08	878.27	2,308.15	577.04	
		1991.08.02 08:45:00	0:15:00		3,073.66	768.42	2,731.51	682.88	
		1991.08.02 09:00:00	0:15:00		2,706.83	676.71	2,969.49	742.37	
		1991.08.02 09:15:00	0:15:00		2,379.49	594.87	3,136.86	784.22	
		1991.08.02 09:30:00	0:15:00		2,101.53	525.38	3,243.75	810.94	
		1991.08.02 09:45:00	0:15:00		1,858.37	464.59	3,220.55	805.14	
		1991.08.02 10:00:00	0:15:00		1,644.83	411.21	2,663.63	665.91	
		1991.08.02 10:15:00	0:15:00		1,452.53	363.13	2,274.33	568.58	
		1991.08.02 10:30:00	0:15:00		1,278.49	319.62	1,946.00	486.50	
		1991.08.02 10:45:00	0:15:00		1,117.79	279.45	1,648.54	412.13	

Date	Mirror	Date+Time	Duration	Duration Totals/day	ExSF	ExSfHr	NewSF	NewSFHr	New SFHR Total/day
		1991.08.02 11:00:00	0:15:00		968.19	242.05	1,390.57	347.64	8,742.95
		1991.08.02 11:15:00	0:15:00		827.72	206.93	1,150.62	287.65	
		1991.08.02 11:30:00	0:15:00		697.88	174.47	935.36	233.84	
		1991.08.02 11:45:00	0:15:00		571.73	142.93	728.98	182.25	
		1991.08.02 12:00:00	0:15:00		452.74	113.19	549.02	137.26	
		1991.08.02 12:15:00	0:15:00		334.00	83.50	371.28	92.82	
		1991.08.02 12:30:00	0:15:00		224.64	56.16	229.33	57.33	
		1991.08.02 12:45:00	0:15:00		112.82	28.20	103.19	25.80	
		1991.08.02 13:00:00	0:15:00		16.05	4.01	44.68	11.17	
		1991.08.02 18:15:00	0:15:00		2,536.00	634.00	28.64	7.16	
		1991.08.02 18:30:00	0:15:00		2,915.67	728.92	108.13	27.03	
		1991.08.02 18:45:00	0:15:00		2,985.29	746.32	197.49	49.37	
		1991.08.02 19:00:00	0:15:00		3,548.62	887.16	120.47	30.12	
		1991.08.02 19:15:00	0:09:00		5,014.48	752.17	17.53	2.63	
		1991.08.02 19:18:36	0:01:48	6:40:48	5,559.06	166.77	2.96	0.09	
9-Aug	3-May	1991.08.09 08:00:00	0:15:00		5,099.65	1,274.91	721.57	180.39	8,203.37
		1991.08.09 08:15:00	0:15:00		4,277.36	1,069.34	1,543.87	385.97	
		1991.08.09 08:30:00	0:15:00		3,679.21	919.80	2,139.30	534.82	
		1991.08.09 08:45:00	0:15:00		3,186.23	796.56	2,517.73	629.43	
		1991.08.09 09:00:00	0:15:00		2,777.43	694.36	2,777.68	694.42	
		1991.08.09 09:15:00	0:15:00		2,433.55	608.39	2,953.69	738.42	
		1991.08.09 09:30:00	0:15:00		2,144.73	536.18	3,063.79	765.95	
		1991.08.09 09:45:00	0:15:00		1,892.93	473.23	3,086.75	771.69	
		1991.08.09 10:00:00	0:15:00		1,672.73	418.18	2,625.86	656.46	
		1991.08.09 10:15:00	0:15:00		1,473.27	368.32	2,238.29	559.57	
		1991.08.09 10:30:00	0:15:00		1,294.79	323.70	1,913.42	478.35	
		1991.08.09 10:45:00	0:15:00		1,129.14	282.29	1,616.69	404.17	
		1991.08.09 11:00:00	0:15:00		978.56	244.64	1,361.19	340.30	
		1991.08.09 11:15:00	0:15:00		835.87	208.97	1,122.48	280.62	
		1991.08.09 11:30:00	0:15:00		703.55	175.89	912.40	228.10	
		1991.08.09 11:45:00	0:15:00		574.94	143.74	711.45	177.86	
		1991.08.09 12:00:00	0:15:00		453.24	113.31	536.68	134.17	
		1991.08.09 12:15:00	0:15:00		333.26	83.32	363.87	90.97	
		1991.08.09 12:30:00	0:15:00		220.94	55.24	226.37	56.59	
		1991.08.09 12:45:00	0:15:00		108.37	27.09	100.72	25.18	
		1991.08.09 13:00:00	0:15:00		12.59	3.15	40.49	10.12	
		1991.08.09 18:30:00	0:15:00		3,372.36	843.09	51.59	12.90	
		1991.08.09 18:45:00	0:20:24		3,508.14	1,192.77	135.53	46.08	
		1991.08.09 19:10:48	0:12:36	6:03:00	5,569.92	1,169.68	3.95	0.83	
16-Aug	26-May	1991.08.16 08:00:00	0:15:00		5,465.50	1,366.37	355.73	88.93	7,595.18
		1991.08.16 08:15:00	0:15:00		4,543.47	1,135.87	1,277.75	319.44	
		1991.08.16 08:30:00	0:15:00		3,842.14	960.54	1,882.56	470.64	
		1991.08.16 08:45:00	0:15:00		3,286.21	821.55	2,291.86	572.96	
		1991.08.16 09:00:00	0:15:00		2,847.54	711.89	2,573.28	643.32	
		1991.08.16 09:15:00	0:15:00		2,490.33	622.58	2,751.76	687.94	
		1991.08.16 09:30:00	0:15:00		2,187.43	546.86	2,867.78	716.95	
		1991.08.16 09:45:00	0:15:00		1,927.74	481.93	2,904.81	726.20	
		1991.08.16 10:00:00	0:15:00		1,696.67	424.17	2,566.86	641.71	
		1991.08.16 10:15:00	0:15:00		1,492.77	373.19	2,174.10	543.53	
		1991.08.16 10:30:00	0:15:00		1,309.84	327.46	1,855.16	463.79	
		1991.08.16 10:45:00	0:15:00		1,141.24	285.31	1,567.07	391.77	
		1991.08.16 11:00:00	0:15:00		985.96	246.49	1,321.45	330.36	
		1991.08.16 11:15:00	0:15:00		839.33	209.83	1,085.69	271.42	
		1991.08.16 11:30:00	0:15:00		705.28	176.32	882.03	220.51	
		1991.08.16 11:45:00	0:15:00		572.96	143.24	688.00	172.00	
		1991.08.16 12:00:00	0:15:00		451.51	112.88	515.94	128.99	
		1991.08.16 12:15:00	0:15:00		330.30	82.58	349.80	87.45	
		1991.08.16 12:30:00	0:15:00		216.00	54.00	222.67	55.67	
		1991.08.16 12:45:00	0:15:00		101.71	25.43	96.77	24.19	
		1991.08.16 13:00:00	0:15:00		7.41	1.85	34.81	8.70	
		1991.08.16 18:30:00	0:15:00		3,880.16	970.04	14.57	3.64	
		1991.08.16 18:45:00	0:16:12		4,114.18	1,110.83	88.38	23.86	
		1991.08.16 19:02:23	0:08:24	5:54:36	5,536.59	775.12	8.64	1.21	
23-Aug	19-Apr	1991.08.23 08:15:00	0:15:00		4,784.66	1,196.16	948.93	237.23	
		1991.08.23 08:30:00	0:15:00		3,976.19	994.05	1,622.62	405.65	
		1991.08.23 08:45:00	0:15:00		3,378.29	844.57	2,062.28	515.57	
		1991.08.23 09:00:00	0:15:00		2,914.44	728.61	2,357.27	589.32	

Date	Mirror	Date+Time	Duration	Duration Totals/day	ExSF	ExSFHr	NewSF	NewSFHr	New SFHR Total/day
		1991.08.23 09:15:00	0:15:00		2,539.95	634.99	2,541.18	635.30	
		1991.08.23 09:30:00	0:15:00		2,223.72	555.93	2,653.26	663.32	
		1991.08.23 09:45:00	0:15:00		1,953.90	488.48	2,686.59	671.65	
		1991.08.23 10:00:00	0:15:00		1,718.64	429.66	2,462.93	615.73	
		1991.08.23 10:15:00	0:15:00		1,507.09	376.77	2,076.59	519.15	
		1991.08.23 10:30:00	0:15:00		1,320.21	330.05	1,774.93	443.73	
		1991.08.23 10:45:00	0:15:00		1,146.92	286.73	1,496.47	374.12	
		1991.08.23 11:00:00	0:15:00		988.43	247.11	1,258.74	314.69	
		1991.08.23 11:15:00	0:15:00		840.31	210.08	1,035.58	258.90	
		1991.08.23 11:30:00	0:15:00		701.58	175.40	839.57	209.89	
		1991.08.23 11:45:00	0:15:00		568.77	142.19	650.73	162.68	
		1991.08.23 12:00:00	0:15:00		444.60	111.15	489.28	122.32	
		1991.08.23 12:15:00	0:15:00		321.41	80.35	331.04	82.76	
		1991.08.23 12:30:00	0:15:00		205.88	51.47	216.74	54.19	
		1991.08.23 12:45:00	0:15:00		89.36	22.34	90.35	22.59	
		1991.08.23 13:00:00	0:15:00		1.73	0.43	26.91	6.73	
		1991.08.23 18:45:00	0:11:24		4,849.33	921.37	41.47	7.88	
		1991.08.23 18:52:48	0:03:36	5:15:00	5,539.56	332.37	12.10	0.73	6,913.38
30-Aug	12-Apr	1991.08.30 08:00:00	0:15:00		5,731.86	1,432.97	17.28	4.32	
		1991.08.30 08:15:00	0:15:00		5,000.16	1,250.04	619.62	154.91	
		1991.08.30 08:30:00	0:15:00		4,116.65	1,029.16	1,352.30	338.08	
		1991.08.30 08:45:00	0:15:00		3,473.58	868.39	1,816.90	454.22	
		1991.08.30 09:00:00	0:15:00		2,979.86	744.96	2,119.05	529.76	
		1991.08.30 09:15:00	0:15:00		2,588.09	647.02	2,302.96	575.74	
		1991.08.30 09:30:00	0:15:00		2,258.53	564.63	2,417.26	604.32	
		1991.08.30 09:45:00	0:15:00		1,978.84	494.71	2,449.85	612.46	
		1991.08.30 10:00:00	0:15:00		1,734.20	433.55	2,320.99	580.25	
		1991.08.30 10:15:00	0:15:00		1,519.68	379.92	1,955.14	488.78	
		1991.08.30 10:30:00	0:15:00		1,325.89	331.47	1,672.48	418.12	
		1991.08.30 10:45:00	0:15:00		1,149.63	287.41	1,408.83	352.21	
		1991.08.30 11:00:00	0:15:00		988.92	247.23	1,185.67	296.42	
		1991.08.30 11:15:00	0:15:00		837.85	209.46	972.14	243.03	
		1991.08.30 11:30:00	0:15:00		698.62	174.65	786.50	196.63	
		1991.08.30 11:45:00	0:15:00		562.35	140.59	608.76	152.19	
		1991.08.30 12:00:00	0:15:00		435.46	108.87	456.45	114.11	
		1991.08.30 12:15:00	0:15:00		310.80	77.70	307.84	76.96	
		1991.08.30 12:30:00	0:15:00		192.80	48.20	209.34	52.33	
		1991.08.30 12:45:00	0:15:00		76.03	19.01	81.71	20.43	
		1991.08.30 13:00:00	0:15:00		0.00	0.00	17.28	4.32	
		1991.08.30 18:42:36	0:06:36	5:21:36	5,571.15	612.83	1.73	0.19	6,269.77
6-Sep	5-Apr	1991.09.06 07:44:24	0:07:48		5,734.33	745.46	54.80	7.12	
		1991.09.06 08:00:00	0:15:00		5,592.14	1,398.03	64.92	16.23	
		1991.09.06 08:15:00	0:15:00		5,218.39	1,304.60	274.26	68.57	
		1991.09.06 08:30:00	0:15:00		4,260.08	1,065.02	1,048.42	262.10	
		1991.09.06 08:45:00	0:15:00		3,568.37	892.09	1,541.89	385.47	
		1991.09.06 09:00:00	0:15:00		3,049.72	762.43	1,860.84	465.21	
		1991.09.06 09:15:00	0:15:00		2,633.02	658.25	2,057.34	514.33	
		1991.09.06 09:30:00	0:15:00		2,290.87	572.72	2,172.13	543.03	
		1991.09.06 09:45:00	0:15:00		2,001.30	500.33	2,201.26	550.31	
		1991.09.06 10:00:00	0:15:00		1,750.00	437.50	2,127.94	531.99	
		1991.09.06 10:15:00	0:15:00		1,528.56	382.14	1,810.97	452.74	
		1991.09.06 10:30:00	0:15:00		1,331.07	332.77	1,549.05	387.26	
		1991.09.06 10:45:00	0:15:00		1,151.36	287.84	1,306.39	326.60	
		1991.09.06 11:00:00	0:15:00		986.95	246.74	1,098.28	274.57	
		1991.09.06 11:15:00	0:15:00		834.64	208.66	899.31	224.83	
		1991.09.06 11:30:00	0:15:00		692.44	173.11	724.29	181.07	
		1991.09.06 11:45:00	0:15:00		554.45	138.61	559.63	139.91	
		1991.09.06 12:00:00	0:15:00		424.35	106.09	418.43	104.61	
		1991.09.06 12:15:00	0:15:00		297.22	74.31	284.38	71.10	
		1991.09.06 12:30:00	0:15:00		176.26	44.07	199.71	49.93	
		1991.09.06 12:45:00	0:15:00		61.22	15.31	70.85	17.71	
		1991.09.06 13:00:00	0:15:00	5:22:48	0.00	0.00	5.18	1.30	5,575.99
13-Sep	29-Mar	1991.09.13 07:50:24	0:04:48		5,549.92	443.99	79.98	6.40	
		1991.09.13 08:00:00	0:12:36		5,442.79	1,142.99	63.44	13.32	
		1991.09.13 08:15:00	0:15:00		5,270.23	1,317.56	55.54	13.89	
		1991.09.13 08:30:00	0:15:00		4,403.01	1,100.75	727.50	181.88	
		1991.09.13 08:45:00	0:15:00		3,663.66	915.92	1,259.24	314.81	

Date	Mirror	Date+Time	Duration	Duration Totals/day	ExSF	ExSFHr	NewSF	NewSFHr	New SFHR Total/day
		1991.09.13 09:00:00	0:15:00		3,111.43	777.86	1,600.40	400.10	4,837.83
		1991.09.13 09:15:00	0:15:00		2,673.50	668.38	1,807.27	451.82	
		1991.09.13 09:30:00	0:15:00		2,319.01	579.75	1,920.33	480.08	
		1991.09.13 09:45:00	0:15:00		2,019.81	504.95	1,942.55	485.64	
		1991.09.13 10:00:00	0:15:00		1,763.33	440.83	1,895.64	473.91	
		1991.09.13 10:15:00	0:15:00		1,534.73	383.68	1,633.48	408.37	
		1991.09.13 10:30:00	0:15:00		1,334.53	333.63	1,402.91	350.73	
		1991.09.13 10:45:00	0:15:00		1,150.87	287.72	1,184.19	296.05	
		1991.09.13 11:00:00	0:15:00		984.23	246.06	997.32	249.33	
		1991.09.13 11:15:00	0:15:00		827.72	206.93	815.63	203.91	
		1991.09.13 11:30:00	0:15:00		683.06	170.77	658.38	164.59	
		1991.09.13 11:45:00	0:15:00		544.08	136.02	505.57	126.39	
		1991.09.13 12:00:00	0:15:00		411.27	102.82	377.70	94.42	
		1991.09.13 12:15:00	0:15:00		282.41	70.60	259.70	64.92	
		1991.09.13 12:30:00	0:15:00		159.97	39.99	170.09	42.52	
		1991.09.13 12:45:00	0:15:00	5:02:24	43.69	10.92	59.00	14.75	
20-Sep	22-Mar	1991.09.20 07:57:00	0:01:12		5,316.39	106.33	67.39	1.35	4,109.28
		1991.09.20 08:00:00	0:09:00		5,278.62	791.79	63.69	9.55	
		1991.09.20 08:15:00	0:15:00		5,095.45	1,273.86	51.35	12.84	
		1991.09.20 08:30:00	0:15:00		4,532.12	1,133.03	418.18	104.55	
		1991.09.20 08:45:00	0:15:00		3,753.27	938.32	975.59	243.90	
		1991.09.20 09:00:00	0:15:00		3,165.74	791.44	1,344.16	336.04	
		1991.09.20 09:15:00	0:15:00		2,713.25	678.31	1,550.29	387.57	
		1991.09.20 09:30:00	0:15:00		2,344.93	586.23	1,663.59	415.90	
		1991.09.20 09:45:00	0:15:00		2,036.35	509.09	1,677.17	419.29	
		1991.09.20 10:00:00	0:15:00		1,772.71	443.18	1,622.12	405.53	
		1991.09.20 10:15:00	0:15:00		1,540.41	385.10	1,423.40	355.85	
		1991.09.20 10:30:00	0:15:00		1,335.02	333.76	1,233.56	308.39	
		1991.09.20 10:45:00	0:15:00		1,148.15	287.04	1,044.47	261.12	
		1991.09.20 11:00:00	0:15:00		980.28	245.07	883.27	220.82	
		1991.09.20 11:15:00	0:15:00		820.57	205.14	722.31	180.58	
		1991.09.20 11:30:00	0:15:00		672.94	168.24	583.09	145.77	
		1991.09.20 11:45:00	0:15:00		532.48	133.12	444.84	111.21	
		1991.09.20 12:00:00	0:15:00		397.45	99.36	335.24	83.81	
		1991.09.20 12:15:00	0:15:00		266.61	66.65	234.52	58.63	
		1991.09.20 12:30:00	0:15:00		141.95	35.49	139.23	34.81	
		1991.09.20 12:45:00	0:15:00	4:55:12	26.41	6.60	47.15	11.79	
27-Sep	15-Mar	1991.09.27 08:03:00	0:06:00		5,068.05	506.81	58.01	5.80	3,349.17
		1991.09.27 08:15:00	0:13:12		4,916.48	1,081.63	46.90	10.32	
		1991.09.27 08:30:00	0:15:00		4,655.05	1,163.76	112.82	28.20	
		1991.09.27 08:45:00	0:15:00		3,836.46	959.12	700.84	175.21	
		1991.09.27 09:00:00	0:15:00		3,233.63	808.41	1,070.14	267.54	
		1991.09.27 09:15:00	0:15:00		2,751.02	687.75	1,292.07	323.02	
		1991.09.27 09:30:00	0:15:00		2,368.63	592.16	1,403.90	350.97	
		1991.09.27 09:45:00	0:15:00		2,051.66	512.92	1,411.30	352.83	
		1991.09.27 10:00:00	0:15:00		1,782.58	445.65	1,342.43	335.61	
		1991.09.27 10:15:00	0:15:00		1,544.61	386.15	1,178.02	294.51	
		1991.09.27 10:30:00	0:15:00		1,333.79	333.45	1,035.09	258.77	
		1991.09.27 10:45:00	0:15:00		1,147.16	286.79	884.01	221.00	
		1991.09.27 11:00:00	0:15:00		973.13	243.28	753.91	188.48	
		1991.09.27 11:15:00	0:15:00		812.91	203.23	616.91	154.23	
		1991.09.27 11:30:00	0:15:00		663.32	165.83	498.17	124.54	
		1991.09.27 11:45:00	0:15:00		519.15	129.79	384.61	96.15	
		1991.09.27 12:00:00	0:15:00		381.15	95.29	293.02	73.26	
		1991.09.27 12:15:00	0:15:00		249.08	62.27	209.09	52.27	
		1991.09.27 12:30:00	0:15:00		122.94	30.73	113.80	28.45	
		1991.09.27 12:45:00	0:15:00	4:49:12	8.64	2.16	32.09	8.02	
4-Oct	8-Mar	1991.10.04 08:09:36	0:02:24		4,812.30	192.49	51.35	2.05	
		1991.10.04 08:15:00	0:10:12		4,740.47	805.88	46.90	7.97	
		1991.10.04 08:30:00	0:15:00		4,544.46	1,136.12	43.20	10.80	
		1991.10.04 08:45:00	0:15:00		3,912.74	978.19	436.70	109.17	
		1991.10.04 09:00:00	0:15:00		3,278.31	819.58	822.29	205.57	
		1991.10.04 09:15:00	0:15:00		2,788.05	697.01	1,040.77	260.19	
		1991.10.04 09:30:00	0:15:00		2,394.55	598.64	1,147.16	286.79	
		1991.10.04 09:45:00	0:15:00		2,068.45	517.11	1,142.23	285.56	
		1991.10.04 10:00:00	0:15:00		1,790.73	447.68	1,067.18	266.80	
		1991.10.04 10:15:00	0:15:00		1,549.55	387.39	943.75	235.94	

Date	Mirror	Date+Time	Duration	Duration Totals/day	ExSF	ExSFHr	NewSF	NewSFHr	New SFHR Total/day
		1991.10.04 10:30:00	0:15:00		1,337.74	334.44	838.09	209.52	
		1991.10.04 10:45:00	0:15:00		1,144.94	286.24	721.33	180.33	
		1991.10.04 11:00:00	0:15:00		970.66	242.66	618.88	154.72	
		1991.10.04 11:15:00	0:15:00		804.77	201.19	511.50	127.87	
		1991.10.04 11:30:00	0:15:00		652.70	163.18	413.99	103.50	
		1991.10.04 11:45:00	0:15:00		506.31	126.58	322.65	80.66	
		1991.10.04 12:00:00	0:15:00		366.84	91.71	252.05	63.01	
		1991.10.04 12:15:00	0:15:00		232.79	58.20	187.61	46.90	
		1991.10.04 12:30:00	0:15:00		105.16	26.29	95.29	23.82	
		1991.10.04 12:45:00	0:15:00	4:42:36	2.96	0.74	24.93	6.23	2,667.42
11-Oct	1-Mar	1991.10.11 08:16:11	0:07:12		4,553.59	546.43	51.59	6.19	
	1991.10.11 08:30:00	0:14:24		4,364.00	1,047.36	42.46	10.19		
	1991.10.11 08:45:00	0:15:00		3,976.68	994.17	195.27	48.82		
	1991.10.11 09:00:00	0:15:00		3,352.37	838.09	577.16	144.29		
	1991.10.11 09:15:00	0:15:00		2,976.65	744.16	796.13	199.03		
	1991.10.11 09:30:00	0:15:00		2,541.18	635.30	897.59	224.40		
	1991.10.11 09:45:00	0:15:00		2,098.56	524.64	882.28	220.57		
	1991.10.11 10:00:00	0:15:00		1,802.58	450.64	823.28	205.82		
	1991.10.11 10:15:00	0:15:00		1,557.44	389.36	739.60	184.90		
	1991.10.11 10:30:00	0:15:00		1,340.21	335.05	665.04	166.26		
	1991.10.11 10:45:00	0:15:00		1,144.45	286.11	577.65	144.41		
	1991.10.11 11:00:00	0:15:00		967.94	241.99	500.63	125.16		
	1991.10.11 11:15:00	0:15:00		800.08	200.02	413.99	103.50		
	1991.10.11 11:30:00	0:15:00		644.80	161.20	338.69	84.67		
	1991.10.11 11:45:00	0:15:00		496.44	124.11	267.10	66.78		
	1991.10.11 12:00:00	0:15:00		355.23	88.81	216.00	54.00		
	1991.10.11 12:15:00	0:15:00		217.98	54.50	173.54	43.39		
1991.10.11 12:30:00	0:15:00		90.60	22.65	84.67	21.17			
		1991.10.11 12:45:00	0:15:00	4:36:36	0.00	0.00	10.12	2.53	2,056.07
18-Oct	22-Feb	1991.10.18 08:22:48	0:03:36		4,570.38	274.22	50.11	3.01	
	1991.10.18 08:30:00	0:10:48		4,491.88	808.54	45.18	8.13		
	1991.10.18 08:45:00	0:15:00		3,980.14	995.03	39.99	10.00		
	1991.10.18 09:00:00	0:15:00		3,518.51	879.63	356.71	89.18		
	1991.10.18 09:15:00	0:15:00		3,283.00	820.75	561.86	140.46		
	1991.10.18 09:30:00	0:15:00		3,000.59	750.15	655.91	163.98		
	1991.10.18 09:45:00	0:15:00		2,634.00	658.50	648.50	162.13		
	1991.10.18 10:00:00	0:15:00		2,151.39	537.85	621.60	155.40		
	1991.10.18 10:15:00	0:15:00		1,786.53	446.63	572.22	143.06		
	1991.10.18 10:30:00	0:15:00		1,448.09	362.02	522.85	130.71		
	1991.10.18 10:45:00	0:15:00		1,177.77	294.44	458.67	114.67		
	1991.10.18 11:00:00	0:15:00		967.69	241.92	399.42	99.86		
	1991.10.18 11:15:00	0:15:00		797.11	199.28	331.78	82.95		
	1991.10.18 11:30:00	0:15:00		638.38	159.60	273.52	68.38		
	1991.10.18 11:45:00	0:15:00		489.28	122.32	220.20	55.05		
	1991.10.18 12:00:00	0:15:00		345.11	86.28	187.61	46.90		
	1991.10.18 12:15:00	0:15:00		205.88	51.47	162.19	40.55		
		1991.10.18 12:30:00	0:15:00	4:14:24	76.53	19.13	75.54	18.89	1,533.28
25-Oct	15-Feb	1991.10.25 07:30:00	0:07:48		4,928.33	640.68	49.37	6.42	
	1991.10.25 07:45:00	0:15:00		4,589.39	1,147.35	40.24	10.06		
	1991.10.25 08:00:00	0:15:00		3,881.64	970.41	171.57	42.89		
	1991.10.25 08:15:00	0:15:00		3,585.90	896.48	355.48	88.87		
	1991.10.25 08:30:00	0:15:00		3,499.00	874.75	437.93	109.48		
	1991.10.25 08:45:00	0:15:00		3,256.09	814.02	455.71	113.93		
	1991.10.25 09:00:00	0:15:00		2,715.96	678.99	459.16	114.79		
	1991.10.25 09:15:00	0:15:00		2,267.42	566.85	431.51	107.88		
	1991.10.25 09:30:00	0:15:00		1,813.44	453.36	405.59	101.40		
	1991.10.25 09:45:00	0:15:00		1,458.95	364.74	360.42	90.10		
	1991.10.25 10:00:00	0:15:00		1,150.87	287.72	316.72	79.18		
	1991.10.25 10:15:00	0:15:00		903.76	225.94	267.60	66.90		
	1991.10.25 10:30:00	0:15:00		684.30	171.07	221.19	55.30		
	1991.10.25 10:45:00	0:15:00		499.65	124.91	184.41	46.10		
	1991.10.25 11:00:00	0:15:00		338.45	84.61	167.37	41.84		
	1991.10.25 11:15:00	0:15:00		197.49	49.37	152.07	38.02		
			1991.10.25 11:30:00	0:15:00	4:07:48	66.65	16.66	68.87	
1-Nov	8-Feb	1991.11.01 07:36:35	0:04:12		5,495.12	384.66	37.03	2.59	
	1991.11.01 07:45:00	0:11:24		5,427.73	1,031.27	44.93	8.54		
	1991.11.01 08:00:00	0:15:00		4,581.00	1,145.25	51.59	12.90		

Date	Mirror	Date+Time	Duration	Duration Totals/day	ExSF	ExSFHr	NewSF	NewSFHr	New SFHR Total/day
		1991.11.01 08:15:00	0:15:00		4,088.26	1,022.07	184.41	46.10	
		1991.11.01 08:30:00	0:15:00		4,009.76	1,002.44	262.17	65.54	
		1991.11.01 08:45:00	0:15:00		3,898.18	974.54	302.90	75.73	
		1991.11.01 09:00:00	0:15:00		3,433.09	858.27	322.15	80.54	
		1991.11.01 09:15:00	0:15:00		2,821.12	705.28	277.97	69.49	
		1991.11.01 09:30:00	0:15:00		2,193.11	548.28	279.94	69.99	
		1991.11.01 09:45:00	0:15:00		1,742.34	435.59	264.64	66.16	
		1991.11.01 10:00:00	0:15:00		1,355.02	338.76	251.55	62.89	
		1991.11.01 10:15:00	0:15:00		1,041.01	260.25	214.77	53.69	
		1991.11.01 10:30:00	0:15:00		767.49	191.87	182.43	45.61	
		1991.11.01 10:45:00	0:15:00		532.48	133.12	157.25	39.31	
		1991.11.01 11:00:00	0:15:00		335.73	83.93	155.03	38.76	
		1991.11.01 11:15:00	0:15:00		194.03	48.51	145.15	36.29	
		1991.11.01 11:30:00	0:15:00	4:00:36	60.73	15.18	65.91	16.48	790.59
8-Nov	1-Feb	1991.11.08 08:00:00	0:15:00		5,172.97	1,293.24	5.18	1.30	
		1991.11.08 08:15:00	0:15:00		4,617.53	1,154.38	70.60	17.65	
		1991.11.08 08:30:00	0:15:00		4,490.89	1,122.72	136.51	34.13	
		1991.11.08 08:45:00	0:15:00		4,508.66	1,127.17	186.38	46.60	
		1991.11.08 09:00:00	0:15:00		4,300.56	1,075.14	206.13	51.53	
		1991.11.08 09:15:00	0:15:00		3,498.26	874.57	186.13	46.53	
		1991.11.08 09:30:00	0:15:00		2,648.32	662.08	185.64	46.41	
		1991.11.08 09:45:00	0:15:00		2,045.24	511.31	171.32	42.83	
		1991.11.08 10:00:00	0:15:00		1,571.76	392.94	164.66	41.16	
		1991.11.08 10:15:00	0:15:00		1,192.09	298.02	145.15	36.29	
		1991.11.08 10:30:00	0:15:00		857.35	214.34	135.28	33.82	
		1991.11.08 10:45:00	0:15:00		569.76	142.44	131.33	32.83	
		1991.11.08 11:00:00	0:15:00		339.43	84.86	146.14	36.54	
		1991.11.08 11:15:00	0:15:00		195.51	48.88	143.92	35.98	
		1991.11.08 11:30:00	0:15:00	3:45:00	61.22	15.31	65.67	16.42	520.01
15-Nov	25-Jan	1991.11.15 08:15:00	0:15:00		5,030.78	1,257.69	5.18	1.30	
		1991.11.15 08:30:00	0:15:00		4,871.30	1,217.83	60.98	15.24	
		1991.11.15 08:45:00	0:15:00		5,064.35	1,266.09	101.46	25.37	
		1991.11.15 09:00:00	0:15:00		5,020.16	1,255.04	111.09	27.77	
		1991.11.15 09:15:00	0:15:00		4,239.34	1,059.84	115.78	28.94	
		1991.11.15 09:30:00	0:15:00		3,299.54	824.89	126.64	31.66	
		1991.11.15 09:45:00	0:15:00		2,583.15	645.79	118.00	29.50	
		1991.11.15 10:00:00	0:15:00		1,911.69	477.92	106.64	26.66	
		1991.11.15 10:15:00	0:15:00		1,369.09	342.27	92.82	23.21	
		1991.11.15 10:30:00	0:15:00		958.56	239.64	85.17	21.29	
		1991.11.15 10:45:00	0:15:00		620.11	155.03	95.54	23.88	
		1991.11.15 11:00:00	0:15:00		349.06	87.27	138.00	34.50	
		1991.11.15 11:15:00	0:15:00		202.67	50.67	147.87	36.97	
		1991.11.15 11:30:00	0:15:00	3:30:00	67.15	16.79	67.89	16.97	343.26
22-Nov	18-Jan	1991.11.22 08:30:00	0:15:00		5,143.59	1,285.90	36.29	9.07	
		1991.11.22 08:45:00	0:15:00		5,357.87	1,339.47	53.82	13.45	
		1991.11.22 09:00:00	0:15:00		5,573.38	1,393.34	44.93	11.23	
		1991.11.22 09:15:00	0:15:00		4,977.45	1,244.36	64.92	16.23	
		1991.11.22 09:30:00	0:15:00		3,963.10	990.78	79.74	19.93	
		1991.11.22 09:45:00	0:15:00		3,158.09	789.52	79.98	20.00	
		1991.11.22 10:00:00	0:15:00		2,434.05	608.51	77.02	19.26	
		1991.11.22 10:15:00	0:15:00		1,853.43	463.36	60.73	15.18	
		1991.11.22 10:30:00	0:15:00		1,281.21	320.30	53.08	13.27	
		1991.11.22 10:45:00	0:15:00		813.16	203.29	62.70	15.68	
		1991.11.22 11:00:00	0:15:00		398.43	99.61	129.60	32.40	
		1991.11.22 11:15:00	0:15:00		224.89	56.22	155.28	38.82	
		1991.11.22 11:30:00	0:15:00	3:15:00	77.76	19.44	75.05	18.76	243.28
29-Nov	11-Jan	1991.11.29 08:30:00	0:15:00		5,325.77	1,331.44	15.06	3.77	
		1991.11.29 08:45:00	0:15:00		5,496.60	1,374.15	38.02	9.50	
		1991.11.29 09:00:00	0:15:00		5,780.99	1,445.25	11.60	2.90	
		1991.11.29 09:15:00	0:15:00		5,651.38	1,412.85	22.46	5.62	
		1991.11.29 09:30:00	0:15:00		4,572.35	1,143.09	48.63	12.16	
		1991.11.29 09:45:00	0:15:00		3,704.64	926.16	53.08	13.27	
		1991.11.29 10:00:00	0:15:00		2,918.14	729.54	55.54	13.89	
		1991.11.29 10:15:00	0:15:00		2,307.90	576.98	44.44	11.11	
		1991.11.29 10:30:00	0:15:00		1,711.98	428.00	34.31	8.58	
		1991.11.29 10:45:00	0:15:00		1,215.30	303.82	29.87	7.47	
		1991.11.29 11:00:00	0:15:00		743.30	185.82	121.21	30.30	

Date	Mirror	Date+Time	Duration	Duration Totals/day	ExSF	ExSFHr	NewSF	NewSFHr	New SFHR Total/day
		1991.11.29 11:15:00	0:15:00		506.81	126.70	154.04	38.51	
		1991.11.29 11:30:00	0:15:00		253.77	63.44	85.91	21.48	
		1991.11.29 11:45:00	0:15:00	3:30:00	128.61	32.15	9.87	2.47	181.01
6-Dec	4-Jan	1991.12.06 08:45:00	0:15:00		5,555.85	1,388.96	37.52	9.38	
		1991.12.06 09:00:00	0:15:00		5,809.37	1,452.34	0.25	0.06	
		1991.12.06 09:15:00	0:15:00		5,820.73	1,455.18	0.49	0.12	
		1991.12.06 09:30:00	0:15:00		5,176.92	1,294.23	24.19	6.05	
		1991.12.06 09:45:00	0:15:00		4,209.72	1,052.43	34.56	8.64	
		1991.12.06 10:00:00	0:15:00		3,354.10	838.52	40.73	10.18	
		1991.12.06 10:15:00	0:15:00		2,707.82	676.95	34.07	8.52	
		1991.12.06 10:30:00	0:15:00		2,073.14	518.28	26.66	6.67	
		1991.12.06 10:45:00	0:15:00		1,562.88	390.72	16.29	4.07	
		1991.12.06 11:00:00	0:15:00		1,056.32	264.08	111.33	27.83	
		1991.12.06 11:15:00	0:15:00		796.13	199.03	147.38	36.84	
		1991.12.06 11:30:00	0:15:00		534.21	133.55	99.73	24.93	
		1991.12.06 11:45:00	0:15:00	3:15:00	374.74	93.68	16.54	4.14	147.44
13-Dec	27-Dec	1991.12.13 08:45:00	0:15:00		5,577.32	1,394.33	19.01	4.75	
		1991.12.13 09:45:00	0:15:00		4,650.61	1,162.65	23.21	5.80	
		1991.12.13 10:00:00	0:15:00		3,734.02	933.50	30.86	7.71	
		1991.12.13 10:15:00	0:15:00		3,033.43	758.36	28.39	7.10	
		1991.12.13 10:30:00	0:15:00		2,370.85	592.71	22.96	5.74	
		1991.12.13 10:45:00	0:15:00		1,841.83	460.46	13.82	3.46	
		1991.12.13 11:00:00	0:15:00		1,310.34	327.58	88.38	22.09	
		1991.12.13 11:15:00	0:15:00		1,009.41	252.35	141.45	35.36	
		1991.12.13 11:30:00	0:15:00		733.18	183.29	117.01	29.25	
		1991.12.13 11:45:00	0:15:00	2:30:00	560.13	140.03	34.81	8.70	129.97
20-Dec	No Mirror	1991.12.20 08:45:00	0:15:00		5,581.77	1,395.44	5.68	1.42	
		1991.12.20 09:00:00	0:15:00		5,753.58	1,438.40	11.85	2.96	
		1991.12.20 09:45:00	0:15:00		4,973.01	1,243.25	15.55	3.89	
		1991.12.20 10:00:00	0:15:00		4,011.98	1,003.00	26.17	6.54	
		1991.12.20 10:15:00	0:15:00		3,263.75	815.94	26.91	6.73	
		1991.12.20 10:30:00	0:15:00		2,577.23	644.31	22.46	5.62	
		1991.12.20 10:45:00	0:15:00		2,028.95	507.24	14.81	3.70	
		1991.12.20 11:00:00	0:15:00		1,484.13	371.03	49.87	12.47	
		1991.12.20 11:15:00	0:15:00		1,133.58	283.40	134.05	33.51	
		1991.12.20 11:30:00	0:15:00		847.23	211.81	135.03	33.76	
		1991.12.20 11:45:00	0:15:00	2:45:00	663.07	165.77	52.33	13.08	123.68
							499,545.90	124,807.66	



Quantitative Shadow Results - FULL SUN ANGLE SAMPLE

EXHIBIT D.2

1979 Mission Street - NORTHEAST BART PLAZA 'A'

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
172	1991.06.21 06:46:48	0:06:36	5,821.22	640.34	0.00	0.00	0.00	0.00
172	1991.06.21 07:00:00	0:13:48	5,821.22	1,338.88	0.00	0.00	0.00	0.00
172	1991.06.21 07:15:00	0:15:00	5,821.22	1,455.31	0.00	0.00	0.00	0.00
172	1991.06.21 07:30:00	0:15:00	5,286.52	1,321.63	534.70	133.68	0.00	0.00
172	1991.06.21 07:45:00	0:15:00	4,514.59	1,128.65	1,278.74	319.69	27.90	6.97
172	1991.06.21 08:00:00	0:15:00	3,853.50	963.37	1,890.21	472.55	77.51	19.38
172	1991.06.21 08:15:00	0:15:00	3,339.78	834.95	2,426.89	606.72	54.56	13.64
172	1991.06.21 08:30:00	0:15:00	2,925.05	731.26	2,891.48	722.87	4.69	1.17
172	1991.06.21 08:45:00	0:15:00	2,607.59	651.90	3,213.63	803.41	0.00	0.00
172	1991.06.21 09:00:00	0:15:00	2,334.07	583.52	3,487.16	871.79	0.00	0.00
172	1991.06.21 09:15:00	0:15:00	2,090.42	522.60	3,726.12	931.53	4.69	1.17
172	1991.06.21 09:30:00	0:15:00	1,874.66	468.67	3,647.12	911.78	299.44	74.86
172	1991.06.21 09:45:00	0:15:00	1,669.03	417.26	2,978.13	744.53	1,174.07	293.52
172	1991.06.21 10:00:00	0:15:00	1,484.13	371.03	2,547.36	636.84	1,789.74	447.44
172	1991.06.21 10:15:00	0:15:00	1,315.27	328.82	2,184.22	546.06	2,321.73	580.43
172	1991.06.21 10:30:00	0:15:00	1,160.00	290.00	1,871.45	467.86	2,789.77	697.44
172	1991.06.21 10:45:00	0:15:00	1,014.84	253.71	1,584.85	396.21	3,221.53	805.38
172	1991.06.21 11:00:00	0:15:00	879.57	219.89	1,332.31	333.08	3,609.35	902.34
172	1991.06.21 11:15:00	0:15:00	750.46	187.61	1,094.58	273.65	3,976.19	994.05
172	1991.06.21 11:30:00	0:15:00	629.25	157.31	882.53	220.63	4,309.45	1,077.36
172	1991.06.21 11:45:00	0:15:00	511.50	127.87	675.66	168.91	4,634.07	1,158.52
172	1991.06.21 12:00:00	0:15:00	399.91	99.98	491.01	122.75	4,930.30	1,232.58
172	1991.06.21 12:15:00	0:15:00	287.35	71.84	307.34	76.84	5,226.54	1,306.63
172	1991.06.21 12:30:00	0:15:00	183.91	45.98	236.99	59.25	5,400.33	1,350.08
172	1991.06.21 12:45:00	0:15:00	77.76	19.44	82.95	20.74	5,660.52	1,415.13
172	1991.06.21 13:00:00	0:15:00	0.99	0.25	28.88	7.22	5,791.35	1,447.84
172	1991.06.21 13:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
172	1991.06.21 13:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
172	1991.06.21 13:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
172	1991.06.21 14:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
172	1991.06.21 14:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
172	1991.06.21 14:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
172	1991.06.21 14:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
172	1991.06.21 15:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
172	1991.06.21 15:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
172	1991.06.21 15:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
172	1991.06.21 15:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
172	1991.06.21 16:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
172	1991.06.21 16:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
172	1991.06.21 16:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
172	1991.06.21 16:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
172	1991.06.21 17:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
172	1991.06.21 17:15:00	0:15:00	5.18	1.30	0.49	0.12	5,815.55	1,453.89
172	1991.06.21 17:30:00	0:15:00	369.30	92.33	44.19	11.05	5,407.73	1,351.93
172	1991.06.21 17:45:00	0:15:00	729.97	182.49	111.58	27.90	4,979.68	1,244.92
172	1991.06.21 18:00:00	0:15:00	1,061.50	265.38	209.34	52.33	4,550.38	1,137.60
172	1991.06.21 18:15:00	0:15:00	1,354.53	338.63	280.68	70.17	4,186.02	1,046.50
172	1991.06.21 18:30:00	0:15:00	1,531.03	382.76	374.49	93.62	3,915.71	978.93
172	1991.06.21 18:45:00	0:15:00	1,553.50	388.37	329.07	82.27	3,938.66	984.67
172	1991.06.21 19:00:00	0:15:00	1,961.56	490.39	217.24	54.31	3,642.43	910.61
172	1991.06.21 19:15:00	0:18:00	2,853.22	855.97	129.60	38.88	2,838.41	851.52

EXHIBIT D.2

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
172	1991.06.21 19:36:00	0:10:48	5,670.64	1,020.72	0.00	0.00	150.59	27.11
179	1991.06.28 06:48:35	0:06:00	5,821.22	582.12	0.00	0.00	0.00	0.00
179	1991.06.28 07:00:00	0:13:12	5,821.22	1,280.67	0.00	0.00	0.00	0.00
179	1991.06.28 07:15:00	0:15:00	5,821.22	1,455.31	0.00	0.00	0.00	0.00
179	1991.06.28 07:30:00	0:15:00	5,388.97	1,347.24	432.25	108.06	0.00	0.00
179	1991.06.28 07:45:00	0:15:00	4,615.31	1,153.83	1,188.63	297.16	17.28	4.32
179	1991.06.28 08:00:00	0:15:00	3,932.00	983.00	1,816.90	454.22	72.33	18.08
179	1991.06.28 08:15:00	0:15:00	3,399.52	849.88	2,367.15	591.79	54.56	13.64
179	1991.06.28 08:30:00	0:15:00	2,971.46	742.87	2,844.58	711.14	5.18	1.30
179	1991.06.28 08:45:00	0:15:00	2,648.57	662.14	3,172.65	793.16	0.00	0.00
179	1991.06.28 09:00:00	0:15:00	2,364.68	591.17	3,456.54	864.14	0.00	0.00
179	1991.06.28 09:15:00	0:15:00	2,120.04	530.01	3,697.73	924.43	3.46	0.86
179	1991.06.28 09:30:00	0:15:00	1,902.06	475.52	3,711.30	927.83	207.86	51.96
179	1991.06.28 09:45:00	0:15:00	1,692.97	423.24	3,033.92	758.48	1,094.33	273.58
179	1991.06.28 10:00:00	0:15:00	1,505.60	376.40	2,586.11	646.53	1,729.51	432.38
179	1991.06.28 10:15:00	0:15:00	1,333.30	333.32	2,219.03	554.76	2,268.90	567.22
179	1991.06.28 10:30:00	0:15:00	1,177.03	294.26	1,901.57	475.39	2,742.62	685.66
179	1991.06.28 10:45:00	0:15:00	1,030.64	257.66	1,612.25	403.06	3,178.33	794.58
179	1991.06.28 11:00:00	0:15:00	893.64	223.41	1,357.24	339.31	3,570.35	892.59
179	1991.06.28 11:15:00	0:15:00	763.79	190.95	1,117.05	279.26	3,940.39	985.10
179	1991.06.28 11:30:00	0:15:00	642.58	160.65	902.03	225.51	4,276.62	1,069.15
179	1991.06.28 11:45:00	0:15:00	522.85	130.71	696.64	174.16	4,601.73	1,150.43
179	1991.06.28 12:00:00	0:15:00	412.50	103.13	510.01	127.50	4,898.70	1,224.68
179	1991.06.28 12:15:00	0:15:00	299.20	74.80	324.87	81.22	5,197.16	1,299.29
179	1991.06.28 12:30:00	0:15:00	195.02	48.76	244.89	61.22	5,381.32	1,345.33
179	1991.06.28 12:45:00	0:15:00	87.64	21.91	89.12	22.28	5,644.47	1,411.12
179	1991.06.28 13:00:00	0:15:00	5.18	1.30	34.07	8.52	5,781.97	1,445.49
179	1991.06.28 13:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
179	1991.06.28 13:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
179	1991.06.28 13:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
179	1991.06.28 14:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
179	1991.06.28 14:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
179	1991.06.28 14:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
179	1991.06.28 14:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
179	1991.06.28 15:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
179	1991.06.28 15:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
179	1991.06.28 15:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
179	1991.06.28 15:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
179	1991.06.28 16:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
179	1991.06.28 16:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
179	1991.06.28 16:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
179	1991.06.28 16:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
179	1991.06.28 17:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
179	1991.06.28 17:15:00	0:15:00	0.00	0.00	0.49	0.12	5,820.73	1,455.18
179	1991.06.28 17:30:00	0:15:00	350.05	87.51	32.59	8.15	5,438.59	1,359.65
179	1991.06.28 17:45:00	0:15:00	712.69	178.17	100.47	25.12	5,008.06	1,252.02
179	1991.06.28 18:00:00	0:15:00	1,056.56	264.14	191.07	47.77	4,573.59	1,143.40
179	1991.06.28 18:15:00	0:15:00	1,356.99	339.25	261.18	65.30	4,203.05	1,050.76
179	1991.06.28 18:30:00	0:15:00	1,534.73	383.68	373.50	93.38	3,912.99	978.25
179	1991.06.28 18:45:00	0:15:00	1,594.23	398.56	330.79	82.70	3,896.20	974.05
179	1991.06.28 19:00:00	0:15:00	1,956.62	489.16	223.66	55.91	3,640.95	910.24
179	1991.06.28 19:15:00	0:18:00	2,791.50	837.45	129.11	38.73	2,900.61	870.18
179	1991.06.28 19:36:36	0:10:48	5,682.98	1,022.94	0.00	0.00	138.24	24.88
186	1991.07.05 06:52:12	0:03:36	5,821.22	349.27	0.00	0.00	0.00	0.00
186	1991.07.05 07:00:00	0:11:24	5,821.22	1,106.03	0.00	0.00	0.00	0.00

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
186	1991.07.05 07:15:00	0:15:00	5,821.22	1,455.31	0.00	0.00	0.00	0.00
186	1991.07.05 07:30:00	0:15:00	5,544.00	1,386.00	277.23	69.31	0.00	0.00
186	1991.07.05 07:45:00	0:15:00	4,760.71	1,190.18	1,060.27	265.07	0.25	0.06
186	1991.07.05 08:00:00	0:15:00	4,041.11	1,010.28	1,721.61	430.40	58.51	14.63
186	1991.07.05 08:15:00	0:15:00	3,482.46	870.62	2,293.83	573.46	44.93	11.23
186	1991.07.05 08:30:00	0:15:00	3,039.60	759.90	2,780.39	695.10	1.23	0.31
186	1991.07.05 08:45:00	0:15:00	2,698.93	674.73	3,122.30	780.57	0.00	0.00
186	1991.07.05 09:00:00	0:15:00	2,414.05	603.51	3,407.17	851.79	0.00	0.00
186	1991.07.05 09:15:00	0:15:00	2,159.29	539.82	3,650.33	912.58	11.60	2.90
186	1991.07.05 09:30:00	0:15:00	1,930.95	482.74	3,721.67	930.42	168.61	42.15
186	1991.07.05 09:45:00	0:15:00	1,720.87	430.22	3,095.88	773.97	1,004.48	251.12
186	1991.07.05 10:00:00	0:15:00	1,530.04	382.51	2,621.66	655.42	1,669.52	417.38
186	1991.07.05 10:15:00	0:15:00	1,355.51	338.88	2,249.89	562.47	2,215.82	553.96
186	1991.07.05 10:30:00	0:15:00	1,196.04	299.01	1,928.23	482.06	2,696.95	674.24
186	1991.07.05 10:45:00	0:15:00	1,047.18	261.80	1,637.43	409.36	3,136.61	784.15
186	1991.07.05 11:00:00	0:15:00	909.93	227.48	1,379.46	344.86	3,531.84	882.96
186	1991.07.05 11:15:00	0:15:00	778.11	194.53	1,137.53	284.38	3,905.58	976.40
186	1991.07.05 11:30:00	0:15:00	655.66	163.92	921.78	230.44	4,243.78	1,060.95
186	1991.07.05 11:45:00	0:15:00	535.69	133.92	712.69	178.17	4,572.85	1,143.21
186	1991.07.05 12:00:00	0:15:00	422.87	105.72	527.54	131.89	4,870.81	1,217.70
186	1991.07.05 12:15:00	0:15:00	310.06	77.51	341.66	85.41	5,169.51	1,292.38
186	1991.07.05 12:30:00	0:15:00	205.64	51.41	241.92	60.48	5,373.66	1,343.42
186	1991.07.05 12:45:00	0:15:00	97.51	24.38	94.55	23.64	5,629.17	1,407.29
186	1991.07.05 13:00:00	0:15:00	10.62	2.65	39.00	9.75	5,771.60	1,442.90
186	1991.07.05 13:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
186	1991.07.05 13:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
186	1991.07.05 13:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
186	1991.07.05 14:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
186	1991.07.05 14:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
186	1991.07.05 14:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
186	1991.07.05 14:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
186	1991.07.05 15:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
186	1991.07.05 15:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
186	1991.07.05 15:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
186	1991.07.05 15:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
186	1991.07.05 16:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
186	1991.07.05 16:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
186	1991.07.05 16:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
186	1991.07.05 16:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
186	1991.07.05 17:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
186	1991.07.05 17:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
186	1991.07.05 17:30:00	0:15:00	363.38	90.85	11.85	2.96	5,446.00	1,361.50
186	1991.07.05 17:45:00	0:15:00	738.61	184.65	74.80	18.70	5,007.82	1,251.95
186	1991.07.05 18:00:00	0:15:00	1,098.04	274.51	160.95	40.24	4,562.23	1,140.56
186	1991.07.05 18:15:00	0:15:00	1,421.42	355.36	226.37	56.59	4,173.43	1,043.36
186	1991.07.05 18:30:00	0:15:00	1,631.26	407.81	340.67	85.17	3,849.30	962.33
186	1991.07.05 18:45:00	0:15:00	1,697.17	424.29	321.91	80.48	3,802.15	950.54
186	1991.07.05 19:00:00	0:15:00	2,047.46	511.87	222.18	55.54	3,551.59	887.90
186	1991.07.05 19:15:00	0:18:00	2,858.15	857.45	130.84	39.25	2,832.23	849.67
186	1991.07.05 19:36:00	0:10:48	5,672.61	1,021.07	0.00	0.00	148.61	26.75
193	1991.07.12 06:56:24	0:01:48	5,821.22	174.64	0.00	0.00	0.00	0.00
193	1991.07.12 07:00:00	0:09:00	5,821.22	873.18	0.00	0.00	0.00	0.00
193	1991.07.12 07:15:00	0:15:00	5,821.22	1,455.31	0.00	0.00	0.00	0.00
193	1991.07.12 07:30:00	0:15:00	5,762.22	1,440.56	59.00	14.75	0.00	0.00
193	1991.07.12 07:45:00	0:15:00	4,932.52	1,233.13	888.70	222.18	0.00	0.00

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
193	1991.07.12 08:00:00	0:15:00	4,176.88	1,044.22	1,604.84	401.21	39.50	9.87
193	1991.07.12 08:15:00	0:15:00	3,587.38	896.85	2,205.45	551.36	28.39	7.10
193	1991.07.12 08:30:00	0:15:00	3,125.75	781.44	2,695.47	673.87	0.00	0.00
193	1991.07.12 08:45:00	0:15:00	2,772.49	693.12	3,048.73	762.18	0.00	0.00
193	1991.07.12 09:00:00	0:15:00	2,473.30	618.32	3,347.93	836.98	0.00	0.00
193	1991.07.12 09:15:00	0:15:00	2,212.12	553.03	3,562.45	890.61	46.66	11.66
193	1991.07.12 09:30:00	0:15:00	1,971.92	492.98	3,651.07	912.77	198.23	49.56
193	1991.07.12 09:45:00	0:15:00	1,752.96	438.24	3,160.31	790.08	907.95	226.99
193	1991.07.12 10:00:00	0:15:00	1,558.43	389.61	2,650.54	662.64	1,612.25	403.06
193	1991.07.12 10:15:00	0:15:00	1,379.71	344.93	2,273.09	568.27	2,168.43	542.11
193	1991.07.12 10:30:00	0:15:00	1,217.27	304.32	1,948.47	487.12	2,655.48	663.87
193	1991.07.12 10:45:00	0:15:00	1,065.70	266.42	1,653.97	413.49	3,101.56	775.39
193	1991.07.12 11:00:00	0:15:00	925.98	231.49	1,394.76	348.69	3,500.49	875.12
193	1991.07.12 11:15:00	0:15:00	792.42	198.11	1,151.36	287.84	3,877.44	969.36
193	1991.07.12 11:30:00	0:15:00	669.73	167.43	934.62	233.65	4,216.88	1,054.22
193	1991.07.12 11:45:00	0:15:00	547.29	136.82	727.01	181.75	4,546.93	1,136.73
193	1991.07.12 12:00:00	0:15:00	434.72	108.68	539.64	134.91	4,846.86	1,211.72
193	1991.07.12 12:15:00	0:15:00	319.44	79.86	357.70	89.43	5,144.08	1,286.02
193	1991.07.12 12:30:00	0:15:00	213.54	53.38	239.21	59.80	5,368.48	1,342.12
193	1991.07.12 12:45:00	0:15:00	105.41	26.35	99.24	24.81	5,616.58	1,404.14
193	1991.07.12 13:00:00	0:15:00	14.07	3.52	42.95	10.74	5,764.20	1,441.05
193	1991.07.12 13:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
193	1991.07.12 13:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
193	1991.07.12 13:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
193	1991.07.12 14:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
193	1991.07.12 14:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
193	1991.07.12 14:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
193	1991.07.12 14:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
193	1991.07.12 15:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
193	1991.07.12 15:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
193	1991.07.12 15:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
193	1991.07.12 15:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
193	1991.07.12 16:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
193	1991.07.12 16:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
193	1991.07.12 16:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
193	1991.07.12 16:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
193	1991.07.12 17:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
193	1991.07.12 17:15:00	0:15:00	9.63	2.41	0.00	0.00	5,811.60	1,452.90
193	1991.07.12 17:30:00	0:15:00	412.75	103.19	2.22	0.56	5,406.25	1,351.56
193	1991.07.12 17:45:00	0:15:00	810.69	202.67	37.03	9.26	4,973.50	1,243.38
193	1991.07.12 18:00:00	0:15:00	1,197.77	299.44	115.04	28.76	4,508.42	1,127.10
193	1991.07.12 18:15:00	0:15:00	1,552.26	388.07	181.69	45.42	4,087.27	1,021.82
193	1991.07.12 18:30:00	0:15:00	1,799.62	449.90	293.02	73.26	3,728.58	932.15
193	1991.07.12 18:45:00	0:15:00	1,892.43	473.11	302.16	75.54	3,626.63	906.66
193	1991.07.12 19:00:00	0:15:00	2,260.26	565.06	203.41	50.85	3,357.55	839.39
193	1991.07.12 19:15:00	0:16:48	3,080.82	862.63	127.63	35.74	2,612.77	731.58
193	1991.07.12 19:33:36	0:09:00	5,635.58	845.34	0.00	0.00	185.64	27.85
200	1991.07.19 07:01:11	0:07:48	5,821.22	756.76	0.00	0.00	0.00	0.00
200	1991.07.19 07:16:11	0:14:24	5,821.22	1,397.09	0.00	0.00	0.00	0.00
200	1991.07.19 07:30:00	0:14:24	5,821.22	1,397.09	0.00	0.00	0.00	0.00
200	1991.07.19 07:45:00	0:15:00	5,144.08	1,286.02	677.14	169.29	0.00	0.00
200	1991.07.19 08:00:00	0:15:00	4,358.82	1,089.71	1,444.63	361.16	17.77	4.44
200	1991.07.19 08:15:00	0:15:00	3,715.50	928.88	2,099.06	524.76	6.67	1.67
200	1991.07.19 08:30:00	0:15:00	3,236.84	809.21	2,584.39	646.10	0.00	0.00
200	1991.07.19 08:45:00	0:15:00	2,860.62	715.16	2,960.60	740.15	0.00	0.00

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
200	1991.07.19 09:00:00	0:15:00	2,542.42	635.61	3,278.80	819.70	0.00	0.00
200	1991.07.19 09:15:00	0:15:00	2,269.39	567.35	3,447.41	861.85	104.42	26.11
200	1991.07.19 09:30:00	0:15:00	2,015.37	503.84	3,539.74	884.93	266.12	66.53
200	1991.07.19 09:45:00	0:15:00	1,786.78	446.69	3,214.13	803.53	820.32	205.08
200	1991.07.19 10:00:00	0:15:00	1,586.57	396.64	2,666.84	666.71	1,567.81	391.95
200	1991.07.19 10:15:00	0:15:00	1,404.88	351.22	2,285.93	571.48	2,130.41	532.60
200	1991.07.19 10:30:00	0:15:00	1,238.50	309.63	1,958.59	489.65	2,624.13	656.03
200	1991.07.19 10:45:00	0:15:00	1,083.97	270.99	1,663.59	415.90	3,073.66	768.42
200	1991.07.19 11:00:00	0:15:00	941.77	235.44	1,403.40	350.85	3,476.05	869.01
200	1991.07.19 11:15:00	0:15:00	805.75	201.44	1,159.75	289.94	3,855.72	963.93
200	1991.07.19 11:30:00	0:15:00	680.10	170.03	943.26	235.81	4,197.87	1,049.47
200	1991.07.19 11:45:00	0:15:00	557.66	139.42	734.90	183.73	4,528.66	1,132.17
200	1991.07.19 12:00:00	0:15:00	442.13	110.53	549.51	137.38	4,829.58	1,207.40
200	1991.07.19 12:15:00	0:15:00	327.34	81.83	366.84	91.71	5,127.05	1,281.76
200	1991.07.19 12:30:00	0:15:00	219.95	54.99	236.25	59.06	5,365.02	1,341.26
200	1991.07.19 12:45:00	0:15:00	110.35	27.59	102.20	25.55	5,608.68	1,402.17
200	1991.07.19 13:00:00	0:15:00	16.54	4.14	45.18	11.29	5,759.51	1,439.88
200	1991.07.19 13:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
200	1991.07.19 13:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
200	1991.07.19 13:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
200	1991.07.19 14:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
200	1991.07.19 14:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
200	1991.07.19 14:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
200	1991.07.19 14:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
200	1991.07.19 15:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
200	1991.07.19 15:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
200	1991.07.19 15:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
200	1991.07.19 15:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
200	1991.07.19 16:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
200	1991.07.19 16:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
200	1991.07.19 16:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
200	1991.07.19 16:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
200	1991.07.19 17:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
200	1991.07.19 17:15:00	0:15:00	67.89	16.97	0.00	0.00	5,753.34	1,438.33
200	1991.07.19 17:30:00	0:15:00	511.74	127.94	0.00	0.00	5,309.48	1,327.37
200	1991.07.19 17:45:00	0:15:00	941.28	235.32	11.85	2.96	4,868.09	1,217.02
200	1991.07.19 18:00:00	0:15:00	1,362.18	340.54	69.37	17.34	4,389.68	1,097.42
200	1991.07.19 18:15:00	0:15:00	1,766.04	441.51	134.05	33.51	3,921.14	980.28
200	1991.07.19 18:30:00	0:15:00	2,060.05	515.01	236.49	59.12	3,524.68	881.17
200	1991.07.19 18:45:00	0:15:00	2,175.34	543.83	278.71	69.68	3,367.18	841.80
200	1991.07.19 19:00:00	0:15:00	2,581.67	645.42	173.05	43.26	3,066.50	766.63
200	1991.07.19 19:15:00	0:15:00	3,489.87	872.47	130.10	32.52	2,201.26	550.31
200	1991.07.19 19:30:00	0:07:48	5,614.11	729.83	0.49	0.06	206.62	26.86
207	1991.07.26 07:07:12	0:03:36	5,821.22	349.27	0.00	0.00	0.00	0.00
207	1991.07.26 07:15:00	0:11:24	5,821.22	1,106.03	0.00	0.00	0.00	0.00
207	1991.07.26 07:30:00	0:15:00	5,821.22	1,455.31	0.00	0.00	0.00	0.00
207	1991.07.26 07:45:00	0:15:00	5,418.10	1,354.53	403.12	100.78	0.00	0.00
207	1991.07.26 08:00:00	0:15:00	4,566.43	1,141.61	1,252.32	313.08	2.47	0.62
207	1991.07.26 08:15:00	0:15:00	3,865.84	966.46	1,955.38	488.85	0.00	0.00
207	1991.07.26 08:30:00	0:15:00	3,371.62	842.91	2,449.60	612.40	0.00	0.00
207	1991.07.26 08:45:00	0:15:00	2,962.33	740.58	2,858.89	714.72	0.00	0.00
207	1991.07.26 09:00:00	0:15:00	2,625.86	656.46	3,148.71	787.18	46.66	11.66
207	1991.07.26 09:15:00	0:15:00	2,324.44	581.11	3,301.27	825.32	195.51	48.88
207	1991.07.26 09:30:00	0:15:00	2,058.33	514.58	3,403.72	850.93	359.18	89.80
207	1991.07.26 09:45:00	0:15:00	1,824.80	456.20	3,244.00	811.00	752.43	188.11

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
207	1991.07.26 10:00:00	0:15:00	1,616.69	404.17	2,679.18	669.80	1,525.35	381.34
207	1991.07.26 10:15:00	0:15:00	1,429.57	357.39	2,290.87	572.72	2,100.79	525.20
207	1991.07.26 10:30:00	0:15:00	1,259.48	314.87	1,960.57	490.14	2,601.17	650.29
207	1991.07.26 10:45:00	0:15:00	1,103.22	275.81	1,661.37	415.34	3,056.63	764.16
207	1991.07.26 11:00:00	0:15:00	957.57	239.39	1,404.88	351.22	3,458.77	864.69
207	1991.07.26 11:15:00	0:15:00	819.33	204.83	1,159.51	289.88	3,842.39	960.60
207	1991.07.26 11:30:00	0:15:00	691.95	172.99	943.75	235.94	4,185.52	1,046.38
207	1991.07.26 11:45:00	0:15:00	567.04	141.76	736.88	184.22	4,517.31	1,129.33
207	1991.07.26 12:00:00	0:15:00	450.27	112.57	554.45	138.61	4,816.50	1,204.13
207	1991.07.26 12:15:00	0:15:00	333.02	83.25	372.02	93.01	5,116.19	1,279.05
207	1991.07.26 12:30:00	0:15:00	224.64	56.16	233.04	58.26	5,363.54	1,340.89
207	1991.07.26 12:45:00	0:15:00	114.05	28.51	104.18	26.04	5,603.00	1,400.75
207	1991.07.26 13:00:00	0:15:00	18.02	4.51	46.16	11.54	5,757.04	1,439.26
207	1991.07.26 13:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
207	1991.07.26 13:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
207	1991.07.26 13:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
207	1991.07.26 14:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
207	1991.07.26 14:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
207	1991.07.26 14:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
207	1991.07.26 14:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
207	1991.07.26 15:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
207	1991.07.26 15:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
207	1991.07.26 15:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
207	1991.07.26 15:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
207	1991.07.26 16:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
207	1991.07.26 16:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
207	1991.07.26 16:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
207	1991.07.26 16:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
207	1991.07.26 17:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
207	1991.07.26 17:15:00	0:15:00	192.55	48.14	0.00	0.00	5,628.67	1,407.17
207	1991.07.26 17:30:00	0:15:00	668.99	167.25	0.00	0.00	5,152.23	1,288.06
207	1991.07.26 17:45:00	0:15:00	1,139.02	284.75	0.00	0.00	4,682.21	1,170.55
207	1991.07.26 18:00:00	0:15:00	1,617.68	404.42	23.45	5.86	4,180.09	1,045.02
207	1991.07.26 18:15:00	0:15:00	2,080.54	520.14	81.46	20.37	3,659.22	914.80
207	1991.07.26 18:30:00	0:15:00	2,437.26	609.31	175.02	43.76	3,208.94	802.24
207	1991.07.26 18:45:00	0:15:00	2,540.44	635.11	242.66	60.67	3,038.12	759.53
207	1991.07.26 19:00:00	0:15:00	3,015.16	753.79	132.32	33.08	2,673.75	668.44
207	1991.07.26 19:15:00	0:12:36	4,114.68	864.08	75.79	15.92	1,630.76	342.46
207	1991.07.26 19:25:12	0:05:24	5,603.74	504.34	0.74	0.07	216.74	19.51
214	1991.08.02 07:12:36	0:01:12	5,821.22	116.42	0.00	0.00	0.00	0.00
214	1991.08.02 07:15:00	0:09:00	5,821.22	873.18	0.00	0.00	0.00	0.00
214	1991.08.02 07:30:00	0:15:00	5,821.22	1,455.31	0.00	0.00	0.00	0.00
214	1991.08.02 07:45:00	0:15:00	5,749.88	1,437.47	71.34	17.84	0.00	0.00
214	1991.08.02 08:00:00	0:15:00	4,800.45	1,200.11	1,020.77	255.19	0.00	0.00
214	1991.08.02 08:15:00	0:15:00	4,052.96	1,013.24	1,768.26	442.07	0.00	0.00
214	1991.08.02 08:30:00	0:15:00	3,513.08	878.27	2,308.15	577.04	0.00	0.00
214	1991.08.02 08:45:00	0:15:00	3,073.66	768.42	2,731.51	682.88	16.05	4.01
214	1991.08.02 09:00:00	0:15:00	2,706.83	676.71	2,969.49	742.37	144.91	36.23
214	1991.08.02 09:15:00	0:15:00	2,379.49	594.87	3,136.86	784.22	304.87	76.22
214	1991.08.02 09:30:00	0:15:00	2,101.53	525.38	3,243.75	810.94	475.95	118.99
214	1991.08.02 09:45:00	0:15:00	1,858.37	464.59	3,220.55	805.14	742.31	185.58
214	1991.08.02 10:00:00	0:15:00	1,644.83	411.21	2,663.63	665.91	1,512.76	378.19
214	1991.08.02 10:15:00	0:15:00	1,452.53	363.13	2,274.33	568.58	2,094.37	523.59
214	1991.08.02 10:30:00	0:15:00	1,278.49	319.62	1,946.00	486.50	2,596.73	649.18
214	1991.08.02 10:45:00	0:15:00	1,117.79	279.45	1,648.54	412.13	3,054.90	763.73

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
214	1991.08.02 11:00:00	0:15:00	968.19	242.05	1,390.57	347.64	3,462.47	865.62
214	1991.08.02 11:15:00	0:15:00	827.72	206.93	1,150.62	287.65	3,842.88	960.72
214	1991.08.02 11:30:00	0:15:00	697.88	174.47	935.36	233.84	4,187.99	1,047.00
214	1991.08.02 11:45:00	0:15:00	571.73	142.93	728.98	182.25	4,520.51	1,130.13
214	1991.08.02 12:00:00	0:15:00	452.74	113.19	549.02	137.26	4,819.46	1,204.87
214	1991.08.02 12:15:00	0:15:00	334.00	83.50	371.28	92.82	5,115.94	1,278.99
214	1991.08.02 12:30:00	0:15:00	224.64	56.16	229.33	57.33	5,367.25	1,341.81
214	1991.08.02 12:45:00	0:15:00	112.82	28.20	103.19	25.80	5,605.22	1,401.31
214	1991.08.02 13:00:00	0:15:00	16.05	4.01	44.68	11.17	5,760.50	1,440.12
214	1991.08.02 13:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
214	1991.08.02 13:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
214	1991.08.02 13:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
214	1991.08.02 14:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
214	1991.08.02 14:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
214	1991.08.02 14:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
214	1991.08.02 14:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
214	1991.08.02 15:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
214	1991.08.02 15:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
214	1991.08.02 15:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
214	1991.08.02 15:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
214	1991.08.02 16:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
214	1991.08.02 16:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
214	1991.08.02 16:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
214	1991.08.02 16:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
214	1991.08.02 17:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
214	1991.08.02 17:15:00	0:15:00	382.63	95.66	0.00	0.00	5,438.59	1,359.65
214	1991.08.02 17:30:00	0:15:00	897.59	224.40	0.00	0.00	4,923.64	1,230.91
214	1991.08.02 17:45:00	0:15:00	1,433.03	358.26	0.00	0.00	4,388.20	1,097.05
214	1991.08.02 18:00:00	0:15:00	1,986.24	496.56	0.00	0.00	3,834.98	958.75
214	1991.08.02 18:15:00	0:15:00	2,536.00	634.00	28.64	7.16	3,256.59	814.15
214	1991.08.02 18:30:00	0:15:00	2,915.67	728.92	108.13	27.03	2,797.43	699.36
214	1991.08.02 18:45:00	0:15:00	2,985.29	746.32	197.49	49.37	2,638.45	659.61
214	1991.08.02 19:00:00	0:15:00	3,548.62	887.16	120.47	30.12	2,152.13	538.03
214	1991.08.02 19:15:00	0:09:00	5,014.48	752.17	17.53	2.63	789.21	118.38
214	1991.08.02 19:18:36	0:01:48	5,559.06	166.77	2.96	0.09	259.20	7.78
221	1991.08.09 07:19:12	0:05:24	5,821.22	523.91	0.00	0.00	0.00	0.00
221	1991.08.09 07:30:00	0:12:36	5,821.22	1,222.46	0.00	0.00	0.00	0.00
221	1991.08.09 07:45:00	0:15:00	5,821.22	1,455.31	0.00	0.00	0.00	0.00
221	1991.08.09 08:00:00	0:15:00	5,099.65	1,274.91	721.57	180.39	0.00	0.00
221	1991.08.09 08:15:00	0:15:00	4,277.36	1,069.34	1,543.87	385.97	0.00	0.00
221	1991.08.09 08:30:00	0:15:00	3,679.21	919.80	2,139.30	534.82	2.72	0.68
221	1991.08.09 08:45:00	0:15:00	3,186.23	796.56	2,517.73	629.43	117.26	29.32
221	1991.08.09 09:00:00	0:15:00	2,777.43	694.36	2,777.68	694.42	266.12	66.53
221	1991.08.09 09:15:00	0:15:00	2,433.55	608.39	2,953.69	738.42	433.98	108.50
221	1991.08.09 09:30:00	0:15:00	2,144.73	536.18	3,063.79	765.95	612.71	153.18
221	1991.08.09 09:45:00	0:15:00	1,892.93	473.23	3,086.75	771.69	841.55	210.39
221	1991.08.09 10:00:00	0:15:00	1,672.73	418.18	2,625.86	656.46	1,522.64	380.66
221	1991.08.09 10:15:00	0:15:00	1,473.27	368.32	2,238.29	559.57	2,109.67	527.42
221	1991.08.09 10:30:00	0:15:00	1,294.79	323.70	1,913.42	478.35	2,613.02	653.26
221	1991.08.09 10:45:00	0:15:00	1,129.14	282.29	1,616.69	404.17	3,075.39	768.85
221	1991.08.09 11:00:00	0:15:00	978.56	244.64	1,361.19	340.30	3,481.48	870.37
221	1991.08.09 11:15:00	0:15:00	835.87	208.97	1,122.48	280.62	3,862.88	965.72
221	1991.08.09 11:30:00	0:15:00	703.55	175.89	912.40	228.10	4,205.27	1,051.32
221	1991.08.09 11:45:00	0:15:00	574.94	143.74	711.45	177.86	4,534.83	1,133.71
221	1991.08.09 12:00:00	0:15:00	453.24	113.31	536.68	134.17	4,831.31	1,207.83

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
221	1991.08.09 12:15:00	0:15:00	333.26	83.32	363.87	90.97	5,124.09	1,281.02
221	1991.08.09 12:30:00	0:15:00	220.94	55.24	226.37	56.59	5,373.91	1,343.48
221	1991.08.09 12:45:00	0:15:00	108.37	27.09	100.72	25.18	5,612.13	1,403.03
221	1991.08.09 13:00:00	0:15:00	12.59	3.15	40.49	10.12	5,768.15	1,442.04
221	1991.08.09 13:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
221	1991.08.09 13:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
221	1991.08.09 13:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
221	1991.08.09 14:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
221	1991.08.09 14:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
221	1991.08.09 14:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
221	1991.08.09 14:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
221	1991.08.09 15:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
221	1991.08.09 15:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
221	1991.08.09 15:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
221	1991.08.09 15:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
221	1991.08.09 16:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
221	1991.08.09 16:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
221	1991.08.09 16:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
221	1991.08.09 16:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
221	1991.08.09 17:00:00	0:15:00	66.90	16.73	0.00	0.00	5,754.32	1,438.58
221	1991.08.09 17:15:00	0:15:00	647.52	161.88	0.00	0.00	5,173.71	1,293.43
221	1991.08.09 17:30:00	0:15:00	1,223.44	305.86	0.00	0.00	4,597.78	1,149.45
221	1991.08.09 17:45:00	0:15:00	1,847.75	461.94	0.00	0.00	3,973.47	993.37
221	1991.08.09 18:00:00	0:15:00	2,503.42	625.85	0.00	0.00	3,317.81	829.45
221	1991.08.09 18:15:00	0:15:00	3,175.62	793.90	0.00	0.00	2,645.61	661.40
221	1991.08.09 18:30:00	0:15:00	3,372.36	843.09	51.59	12.90	2,397.27	599.32
221	1991.08.09 18:45:00	0:20:24	3,508.14	1,192.77	135.53	46.08	2,177.56	740.37
221	1991.08.09 19:10:48	0:12:36	5,569.92	1,169.68	3.95	0.83	247.35	51.94
228	1991.08.16 07:25:12	0:02:24	5,821.22	232.85	0.00	0.00	0.00	0.00
228	1991.08.16 07:30:00	0:10:12	5,821.22	989.61	0.00	0.00	0.00	0.00
228	1991.08.16 07:45:00	0:15:00	5,821.22	1,455.31	0.00	0.00	0.00	0.00
228	1991.08.16 08:00:00	0:15:00	5,465.50	1,366.37	355.73	88.93	0.00	0.00
228	1991.08.16 08:15:00	0:15:00	4,543.47	1,135.87	1,277.75	319.44	0.00	0.00
228	1991.08.16 08:30:00	0:15:00	3,842.14	960.54	1,882.56	470.64	96.52	24.13
228	1991.08.16 08:45:00	0:15:00	3,286.21	821.55	2,291.86	572.96	243.16	60.79
228	1991.08.16 09:00:00	0:15:00	2,847.54	711.89	2,573.28	643.32	400.41	100.10
228	1991.08.16 09:15:00	0:15:00	2,490.33	622.58	2,751.76	687.94	579.14	144.78
228	1991.08.16 09:30:00	0:15:00	2,187.43	546.86	2,867.78	716.95	766.01	191.50
228	1991.08.16 09:45:00	0:15:00	1,927.74	481.93	2,904.81	726.20	988.68	247.17
228	1991.08.16 10:00:00	0:15:00	1,696.67	424.17	2,566.86	641.71	1,557.69	389.42
228	1991.08.16 10:15:00	0:15:00	1,492.77	373.19	2,174.10	543.53	2,154.35	538.59
228	1991.08.16 10:30:00	0:15:00	1,309.84	327.46	1,855.16	463.79	2,656.22	664.06
228	1991.08.16 10:45:00	0:15:00	1,141.24	285.31	1,567.07	391.77	3,112.91	778.23
228	1991.08.16 11:00:00	0:15:00	985.96	246.49	1,321.45	330.36	3,513.82	878.45
228	1991.08.16 11:15:00	0:15:00	839.33	209.83	1,085.69	271.42	3,896.20	974.05
228	1991.08.16 11:30:00	0:15:00	705.28	176.32	882.03	220.51	4,233.91	1,058.48
228	1991.08.16 11:45:00	0:15:00	572.96	143.24	688.00	172.00	4,560.26	1,140.07
228	1991.08.16 12:00:00	0:15:00	451.51	112.88	515.94	128.99	4,853.78	1,213.44
228	1991.08.16 12:15:00	0:15:00	330.30	82.58	349.80	87.45	5,141.12	1,285.28
228	1991.08.16 12:30:00	0:15:00	216.00	54.00	222.67	55.67	5,382.55	1,345.64
228	1991.08.16 12:45:00	0:15:00	101.71	25.43	96.77	24.19	5,622.75	1,405.69
228	1991.08.16 13:00:00	0:15:00	7.41	1.85	34.81	8.70	5,779.01	1,444.75
228	1991.08.16 13:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
228	1991.08.16 13:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
228	1991.08.16 13:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
228	1991.08.16 14:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
228	1991.08.16 14:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
228	1991.08.16 14:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
228	1991.08.16 14:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
228	1991.08.16 15:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
228	1991.08.16 15:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
228	1991.08.16 15:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
228	1991.08.16 15:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
228	1991.08.16 16:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
228	1991.08.16 16:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
228	1991.08.16 16:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
228	1991.08.16 16:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
228	1991.08.16 17:00:00	0:15:00	331.04	82.76	0.00	0.00	5,490.18	1,372.55
228	1991.08.16 17:15:00	0:15:00	978.80	244.70	0.00	0.00	4,842.42	1,210.61
228	1991.08.16 17:30:00	0:15:00	1,688.03	422.01	0.00	0.00	4,133.19	1,033.30
228	1991.08.16 17:45:00	0:15:00	2,416.77	604.19	0.00	0.00	3,404.46	851.11
228	1991.08.16 18:00:00	0:15:00	3,224.50	806.12	0.00	0.00	2,596.73	649.18
228	1991.08.16 18:15:00	0:15:00	3,960.14	990.04	0.00	0.00	1,861.08	465.27
228	1991.08.16 18:30:00	0:15:00	3,880.16	970.04	14.57	3.64	1,926.50	481.63
228	1991.08.16 18:45:00	0:16:12	4,114.18	1,110.83	88.38	23.86	1,618.67	437.04
228	1991.08.16 19:02:23	0:08:24	5,536.59	775.12	8.64	1.21	275.99	38.64
235	1991.08.23 07:31:48	0:06:36	5,821.22	640.34	0.00	0.00	0.00	0.00
235	1991.08.23 07:45:00	0:13:48	5,821.22	1,338.88	0.00	0.00	0.00	0.00
235	1991.08.23 08:00:00	0:15:00	5,821.22	1,455.31	0.00	0.00	0.00	0.00
235	1991.08.23 08:15:00	0:15:00	4,784.66	1,196.16	948.93	237.23	87.64	21.91
235	1991.08.23 08:30:00	0:15:00	3,976.19	994.05	1,622.62	405.65	222.42	55.61
235	1991.08.23 08:45:00	0:15:00	3,378.29	844.57	2,062.28	515.57	380.66	95.17
235	1991.08.23 09:00:00	0:15:00	2,914.44	728.61	2,357.27	589.32	549.51	137.38
235	1991.08.23 09:15:00	0:15:00	2,539.95	634.99	2,541.18	635.30	740.09	185.02
235	1991.08.23 09:30:00	0:15:00	2,223.72	555.93	2,653.26	663.32	944.24	236.06
235	1991.08.23 09:45:00	0:15:00	1,953.90	488.48	2,686.59	671.65	1,180.74	295.18
235	1991.08.23 10:00:00	0:15:00	1,718.64	429.66	2,462.93	615.73	1,639.65	409.91
235	1991.08.23 10:15:00	0:15:00	1,507.09	376.77	2,076.59	519.15	2,237.55	559.39
235	1991.08.23 10:30:00	0:15:00	1,320.21	330.05	1,774.93	443.73	2,726.08	681.52
235	1991.08.23 10:45:00	0:15:00	1,146.92	286.73	1,496.47	374.12	3,177.84	794.46
235	1991.08.23 11:00:00	0:15:00	988.43	247.11	1,258.74	314.69	3,574.05	893.51
235	1991.08.23 11:15:00	0:15:00	840.31	210.08	1,035.58	258.90	3,945.33	986.33
235	1991.08.23 11:30:00	0:15:00	701.58	175.40	839.57	209.89	4,280.07	1,070.02
235	1991.08.23 11:45:00	0:15:00	568.77	142.19	650.73	162.68	4,601.73	1,150.43
235	1991.08.23 12:00:00	0:15:00	444.60	111.15	489.28	122.32	4,887.35	1,221.84
235	1991.08.23 12:15:00	0:15:00	321.41	80.35	331.04	82.76	5,168.77	1,292.19
235	1991.08.23 12:30:00	0:15:00	205.88	51.47	216.74	54.19	5,398.60	1,349.65
235	1991.08.23 12:45:00	0:15:00	89.36	22.34	90.35	22.59	5,641.51	1,410.38
235	1991.08.23 13:00:00	0:15:00	1.73	0.43	26.91	6.73	5,792.59	1,448.15
235	1991.08.23 13:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
235	1991.08.23 13:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
235	1991.08.23 13:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
235	1991.08.23 14:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
235	1991.08.23 14:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
235	1991.08.23 14:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
235	1991.08.23 14:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
235	1991.08.23 15:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
235	1991.08.23 15:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
235	1991.08.23 15:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
235	1991.08.23 15:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
235	1991.08.23 16:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
235	1991.08.23 16:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
235	1991.08.23 16:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
235	1991.08.23 16:45:00	0:15:00	47.40	11.85	0.00	0.00	5,773.83	1,443.46
235	1991.08.23 17:00:00	0:15:00	632.21	158.05	0.00	0.00	5,189.01	1,297.25
235	1991.08.23 17:15:00	0:15:00	1,379.95	344.99	0.00	0.00	4,441.27	1,110.32
235	1991.08.23 17:30:00	0:15:00	2,258.28	564.57	0.00	0.00	3,562.94	890.74
235	1991.08.23 17:45:00	0:15:00	3,259.80	814.95	0.00	0.00	2,561.43	640.36
235	1991.08.23 18:00:00	0:15:00	4,249.95	1,062.49	0.00	0.00	1,571.27	392.82
235	1991.08.23 18:15:00	0:15:00	4,423.99	1,106.00	0.00	0.00	1,397.23	349.31
235	1991.08.23 18:30:00	0:15:00	4,415.85	1,103.96	0.00	0.00	1,405.38	351.35
235	1991.08.23 18:45:00	0:11:24	4,849.33	921.37	41.47	7.88	930.42	176.78
235	1991.08.23 18:52:48	0:03:36	5,539.56	332.37	12.10	0.73	269.57	16.17
242	1991.08.30 07:37:48	0:03:36	5,821.22	349.27	0.00	0.00	0.00	0.00
242	1991.08.30 07:45:00	0:11:24	5,821.22	1,106.03	0.00	0.00	0.00	0.00
242	1991.08.30 08:00:00	0:15:00	5,731.86	1,432.97	17.28	4.32	72.08	18.02
242	1991.08.30 08:15:00	0:15:00	5,000.16	1,250.04	619.62	154.91	201.44	50.36
242	1991.08.30 08:30:00	0:15:00	4,116.65	1,029.16	1,352.30	338.08	352.27	88.07
242	1991.08.30 08:45:00	0:15:00	3,473.58	868.39	1,816.90	454.22	530.75	132.69
242	1991.08.30 09:00:00	0:15:00	2,979.86	744.96	2,119.05	529.76	722.31	180.58
242	1991.08.30 09:15:00	0:15:00	2,588.09	647.02	2,302.96	575.74	930.17	232.54
242	1991.08.30 09:30:00	0:15:00	2,258.53	564.63	2,417.26	604.32	1,145.43	286.36
242	1991.08.30 09:45:00	0:15:00	1,978.84	494.71	2,449.85	612.46	1,392.54	348.14
242	1991.08.30 10:00:00	0:15:00	1,734.20	433.55	2,320.99	580.25	1,766.04	441.51
242	1991.08.30 10:15:00	0:15:00	1,519.68	379.92	1,955.14	488.78	2,346.41	586.60
242	1991.08.30 10:30:00	0:15:00	1,325.89	331.47	1,672.48	418.12	2,822.85	705.71
242	1991.08.30 10:45:00	0:15:00	1,149.63	287.41	1,408.83	352.21	3,262.76	815.69
242	1991.08.30 11:00:00	0:15:00	988.92	247.23	1,185.67	296.42	3,646.63	911.66
242	1991.08.30 11:15:00	0:15:00	837.85	209.46	972.14	243.03	4,011.24	1,002.81
242	1991.08.30 11:30:00	0:15:00	698.62	174.65	786.50	196.63	4,336.11	1,084.03
242	1991.08.30 11:45:00	0:15:00	562.35	140.59	608.76	152.19	4,650.12	1,162.53
242	1991.08.30 12:00:00	0:15:00	435.46	108.87	456.45	114.11	4,929.32	1,232.33
242	1991.08.30 12:15:00	0:15:00	310.80	77.70	307.84	76.96	5,202.59	1,300.65
242	1991.08.30 12:30:00	0:15:00	192.80	48.20	209.34	52.33	5,419.09	1,354.77
242	1991.08.30 12:45:00	0:15:00	76.03	19.01	81.71	20.43	5,663.48	1,415.87
242	1991.08.30 13:00:00	0:15:00	0.00	0.00	17.28	4.32	5,803.94	1,450.99
242	1991.08.30 13:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
242	1991.08.30 13:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
242	1991.08.30 13:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
242	1991.08.30 14:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
242	1991.08.30 14:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
242	1991.08.30 14:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
242	1991.08.30 14:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
242	1991.08.30 15:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
242	1991.08.30 15:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
242	1991.08.30 15:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
242	1991.08.30 15:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
242	1991.08.30 16:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
242	1991.08.30 16:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
242	1991.08.30 16:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
242	1991.08.30 16:45:00	0:15:00	330.30	82.58	0.00	0.00	5,490.92	1,372.73
242	1991.08.30 17:00:00	0:15:00	945.72	236.43	0.00	0.00	4,875.50	1,218.88
242	1991.08.30 17:15:00	0:15:00	1,751.23	437.81	0.00	0.00	4,069.99	1,017.50
242	1991.08.30 17:30:00	0:15:00	2,849.02	712.26	0.00	0.00	2,972.20	743.05
242	1991.08.30 17:45:00	0:15:00	4,237.12	1,059.28	0.00	0.00	1,584.11	396.03

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
242	1991.08.30 18:00:00	0:15:00	5,160.62	1,290.16	0.00	0.00	660.60	165.15
242	1991.08.30 18:15:00	0:15:00	4,896.98	1,224.24	0.00	0.00	924.25	231.06
242	1991.08.30 18:30:00	0:13:48	4,979.43	1,145.27	0.00	0.00	841.80	193.61
242	1991.08.30 18:42:36	0:06:36	5,571.15	612.83	1.73	0.19	248.34	27.32
249	1991.09.06 07:44:24	0:07:48	5,734.33	745.46	54.80	7.12	32.09	4.17
249	1991.09.06 08:00:00	0:15:00	5,592.14	1,398.03	64.92	16.23	164.16	41.04
249	1991.09.06 08:15:00	0:15:00	5,218.39	1,304.60	274.26	68.57	328.57	82.14
249	1991.09.06 08:30:00	0:15:00	4,260.08	1,065.02	1,048.42	262.10	512.73	128.18
249	1991.09.06 08:45:00	0:15:00	3,568.37	892.09	1,541.89	385.47	710.96	177.74
249	1991.09.06 09:00:00	0:15:00	3,049.72	762.43	1,860.84	465.21	910.67	227.67
249	1991.09.06 09:15:00	0:15:00	2,633.02	658.25	2,057.34	514.33	1,130.87	282.72
249	1991.09.06 09:30:00	0:15:00	2,290.87	572.72	2,172.13	543.03	1,358.23	339.56
249	1991.09.06 09:45:00	0:15:00	2,001.30	500.33	2,201.26	550.31	1,618.67	404.67
249	1991.09.06 10:00:00	0:15:00	1,750.00	437.50	2,127.94	531.99	1,943.29	485.82
249	1991.09.06 10:15:00	0:15:00	1,528.56	382.14	1,810.97	452.74	2,481.69	620.42
249	1991.09.06 10:30:00	0:15:00	1,331.07	332.77	1,549.05	387.26	2,941.10	735.28
249	1991.09.06 10:45:00	0:15:00	1,151.36	287.84	1,306.39	326.60	3,363.48	840.87
249	1991.09.06 11:00:00	0:15:00	986.95	246.74	1,098.28	274.57	3,735.99	934.00
249	1991.09.06 11:15:00	0:15:00	834.64	208.66	899.31	224.83	4,087.27	1,021.82
249	1991.09.06 11:30:00	0:15:00	692.44	173.11	724.29	181.07	4,404.49	1,101.12
249	1991.09.06 11:45:00	0:15:00	554.45	138.61	559.63	139.91	4,707.14	1,176.79
249	1991.09.06 12:00:00	0:15:00	424.35	106.09	418.43	104.61	4,978.44	1,244.61
249	1991.09.06 12:15:00	0:15:00	297.22	74.31	284.38	71.10	5,239.62	1,309.91
249	1991.09.06 12:30:00	0:15:00	176.26	44.07	199.71	49.93	5,445.25	1,361.31
249	1991.09.06 12:45:00	0:15:00	61.22	15.31	70.85	17.71	5,689.15	1,422.29
249	1991.09.06 13:00:00	0:15:00	0.00	0.00	5.18	1.30	5,816.04	1,454.01
249	1991.09.06 13:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
249	1991.09.06 13:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
249	1991.09.06 13:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
249	1991.09.06 14:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
249	1991.09.06 14:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
249	1991.09.06 14:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
249	1991.09.06 14:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
249	1991.09.06 15:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
249	1991.09.06 15:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
249	1991.09.06 15:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
249	1991.09.06 15:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
249	1991.09.06 16:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
249	1991.09.06 16:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
249	1991.09.06 16:30:00	0:15:00	95.78	23.95	0.00	0.00	5,725.44	1,431.36
249	1991.09.06 16:45:00	0:15:00	611.23	152.81	0.00	0.00	5,210.00	1,302.50
249	1991.09.06 17:00:00	0:15:00	1,265.90	316.48	0.00	0.00	4,555.32	1,138.83
249	1991.09.06 17:15:00	0:15:00	2,142.75	535.69	0.00	0.00	3,678.47	919.62
249	1991.09.06 17:30:00	0:15:00	3,367.18	841.80	0.00	0.00	2,454.04	613.51
249	1991.09.06 17:45:00	0:15:00	5,076.69	1,269.17	0.00	0.00	744.53	186.13
249	1991.09.06 18:00:00	0:15:00	5,381.32	1,345.33	0.00	0.00	439.91	109.98
249	1991.09.06 18:15:00	0:16:12	5,378.60	1,452.22	0.00	0.00	442.62	119.51
249	1991.09.06 18:31:48	0:08:24	5,649.90	790.99	0.00	0.00	171.32	23.99
256	1991.09.13 07:50:24	0:04:48	5,549.92	443.99	79.98	6.40	191.32	15.31
256	1991.09.13 08:00:00	0:12:36	5,442.79	1,142.99	63.44	13.32	314.99	66.15
256	1991.09.13 08:15:00	0:15:00	5,270.23	1,317.56	55.54	13.89	495.45	123.86
256	1991.09.13 08:30:00	0:15:00	4,403.01	1,100.75	727.50	181.88	690.72	172.68
256	1991.09.13 08:45:00	0:15:00	3,663.66	915.92	1,259.24	314.81	898.33	224.58
256	1991.09.13 09:00:00	0:15:00	3,111.43	777.86	1,600.40	400.10	1,109.39	277.35
256	1991.09.13 09:15:00	0:15:00	2,673.50	668.38	1,807.27	451.82	1,340.45	335.11

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
256	1991.09.13 09:30:00	0:15:00	2,319.01	579.75	1,920.33	480.08	1,581.88	395.47
256	1991.09.13 09:45:00	0:15:00	2,019.81	504.95	1,942.55	485.64	1,858.86	464.72
256	1991.09.13 10:00:00	0:15:00	1,763.33	440.83	1,895.64	473.91	2,162.25	540.56
256	1991.09.13 10:15:00	0:15:00	1,534.73	383.68	1,633.48	408.37	2,653.01	663.25
256	1991.09.13 10:30:00	0:15:00	1,334.53	333.63	1,402.91	350.73	3,083.78	770.95
256	1991.09.13 10:45:00	0:15:00	1,150.87	287.72	1,184.19	296.05	3,486.17	871.54
256	1991.09.13 11:00:00	0:15:00	984.23	246.06	997.32	249.33	3,839.67	959.92
256	1991.09.13 11:15:00	0:15:00	827.72	206.93	815.63	203.91	4,177.87	1,044.47
256	1991.09.13 11:30:00	0:15:00	683.06	170.77	658.38	164.59	4,479.78	1,119.95
256	1991.09.13 11:45:00	0:15:00	544.08	136.02	505.57	126.39	4,771.57	1,192.89
256	1991.09.13 12:00:00	0:15:00	411.27	102.82	377.70	94.42	5,032.26	1,258.06
256	1991.09.13 12:15:00	0:15:00	282.41	70.60	259.70	64.92	5,279.12	1,319.78
256	1991.09.13 12:30:00	0:15:00	159.97	39.99	170.09	42.52	5,491.17	1,372.79
256	1991.09.13 12:45:00	0:15:00	43.69	10.92	59.00	14.75	5,718.53	1,429.63
256	1991.09.13 13:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
256	1991.09.13 13:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
256	1991.09.13 13:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
256	1991.09.13 13:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
256	1991.09.13 14:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
256	1991.09.13 14:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
256	1991.09.13 14:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
256	1991.09.13 14:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
256	1991.09.13 15:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
256	1991.09.13 15:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
256	1991.09.13 15:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
256	1991.09.13 15:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
256	1991.09.13 16:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
256	1991.09.13 16:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
256	1991.09.13 16:30:00	0:15:00	349.80	87.45	0.00	0.00	5,471.42	1,367.86
256	1991.09.13 16:45:00	0:15:00	874.13	218.53	0.00	0.00	4,947.09	1,236.77
256	1991.09.13 17:00:00	0:15:00	1,575.22	393.81	0.00	0.00	4,246.01	1,061.50
256	1991.09.13 17:15:00	0:15:00	2,533.53	633.38	0.00	0.00	3,287.69	821.92
256	1991.09.13 17:30:00	0:15:00	3,897.68	974.42	0.00	0.00	1,923.54	480.89
256	1991.09.13 17:45:00	0:15:00	4,681.71	1,170.43	0.00	0.00	1,139.51	284.88
256	1991.09.13 18:00:00	0:15:00	5,132.98	1,283.24	0.00	0.00	688.25	172.06
256	1991.09.13 18:15:00	0:10:48	5,511.17	992.01	0.00	0.00	310.06	55.81
256	1991.09.13 18:21:00	0:03:00	5,673.11	283.66	0.00	0.00	148.12	7.41
263	1991.09.20 07:57:00	0:01:12	5,316.39	106.33	67.39	1.35	437.44	8.75
263	1991.09.20 08:00:00	0:09:00	5,278.62	791.79	63.69	9.55	478.91	71.84
263	1991.09.20 08:15:00	0:15:00	5,095.45	1,273.86	51.35	12.84	674.42	168.61
263	1991.09.20 08:30:00	0:15:00	4,532.12	1,133.03	418.18	104.55	870.93	217.73
263	1991.09.20 08:45:00	0:15:00	3,753.27	938.32	975.59	243.90	1,092.36	273.09
263	1991.09.20 09:00:00	0:15:00	3,165.74	791.44	1,344.16	336.04	1,311.32	327.83
263	1991.09.20 09:15:00	0:15:00	2,713.25	678.31	1,550.29	387.57	1,557.69	389.42
263	1991.09.20 09:30:00	0:15:00	2,344.93	586.23	1,663.59	415.90	1,812.70	453.18
263	1991.09.20 09:45:00	0:15:00	2,036.35	509.09	1,677.17	419.29	2,107.70	526.92
263	1991.09.20 10:00:00	0:15:00	1,772.71	443.18	1,622.12	405.53	2,426.39	606.60
263	1991.09.20 10:15:00	0:15:00	1,540.41	385.10	1,423.40	355.85	2,857.41	714.35
263	1991.09.20 10:30:00	0:15:00	1,335.02	333.76	1,233.56	308.39	3,252.64	813.16
263	1991.09.20 10:45:00	0:15:00	1,148.15	287.04	1,044.47	261.12	3,628.61	907.15
263	1991.09.20 11:00:00	0:15:00	980.28	245.07	883.27	220.82	3,957.67	989.42
263	1991.09.20 11:15:00	0:15:00	820.57	205.14	722.31	180.58	4,278.34	1,069.59
263	1991.09.20 11:30:00	0:15:00	672.94	168.24	583.09	145.77	4,565.20	1,141.30
263	1991.09.20 11:45:00	0:15:00	532.48	133.12	444.84	111.21	4,843.90	1,210.98
263	1991.09.20 12:00:00	0:15:00	397.45	99.36	335.24	83.81	5,088.54	1,272.14

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
263	1991.09.20 12:15:00	0:15:00	266.61	66.65	234.52	58.63	5,320.10	1,330.02
263	1991.09.20 12:30:00	0:15:00	141.95	35.49	139.23	34.81	5,540.05	1,385.01
263	1991.09.20 12:45:00	0:15:00	26.41	6.60	47.15	11.79	5,747.66	1,436.92
263	1991.09.20 13:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
263	1991.09.20 13:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
263	1991.09.20 13:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
263	1991.09.20 13:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
263	1991.09.20 14:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
263	1991.09.20 14:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
263	1991.09.20 14:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
263	1991.09.20 14:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
263	1991.09.20 15:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
263	1991.09.20 15:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
263	1991.09.20 15:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
263	1991.09.20 15:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
263	1991.09.20 16:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
263	1991.09.20 16:15:00	0:15:00	156.26	39.07	0.00	0.00	5,664.96	1,416.24
263	1991.09.20 16:30:00	0:15:00	565.56	141.39	0.00	0.00	5,255.67	1,313.92
263	1991.09.20 16:45:00	0:15:00	1,107.42	276.85	0.00	0.00	4,713.81	1,178.45
263	1991.09.20 17:00:00	0:15:00	1,852.20	463.05	0.00	0.00	3,969.03	992.26
263	1991.09.20 17:15:00	0:15:00	2,876.42	719.11	0.00	0.00	2,944.80	736.20
263	1991.09.20 17:30:00	0:15:00	3,865.84	966.46	0.00	0.00	1,955.38	488.85
263	1991.09.20 17:45:00	0:15:00	4,324.01	1,081.00	0.00	0.00	1,497.21	374.30
263	1991.09.20 18:00:00	0:12:36	4,787.62	1,005.40	0.00	0.00	1,033.61	217.06
263	1991.09.20 18:09:36	0:04:48	5,070.52	405.64	0.00	0.00	750.70	60.06
270	1991.09.27 08:03:00	0:06:00	5,068.05	506.81	58.01	5.80	695.16	69.52
270	1991.09.27 08:15:00	0:13:12	4,916.48	1,081.63	46.90	10.32	857.84	188.73
270	1991.09.27 08:30:00	0:15:00	4,655.05	1,163.76	112.82	28.20	1,053.36	263.34
270	1991.09.27 08:45:00	0:15:00	3,836.46	959.12	700.84	175.21	1,283.92	320.98
270	1991.09.27 09:00:00	0:15:00	3,233.63	808.41	1,070.14	267.54	1,517.45	379.36
270	1991.09.27 09:15:00	0:15:00	2,751.02	687.75	1,292.07	323.02	1,778.14	444.53
270	1991.09.27 09:30:00	0:15:00	2,368.63	592.16	1,403.90	350.97	2,048.70	512.17
270	1991.09.27 09:45:00	0:15:00	2,051.66	512.92	1,411.30	352.83	2,358.26	589.57
270	1991.09.27 10:00:00	0:15:00	1,782.58	445.65	1,342.43	335.61	2,696.21	674.05
270	1991.09.27 10:15:00	0:15:00	1,544.61	386.15	1,178.02	294.51	3,098.60	774.65
270	1991.09.27 10:30:00	0:15:00	1,333.79	333.45	1,035.09	258.77	3,452.35	863.09
270	1991.09.27 10:45:00	0:15:00	1,147.16	286.79	884.01	221.00	3,790.05	947.51
270	1991.09.27 11:00:00	0:15:00	973.13	243.28	753.91	188.48	4,094.19	1,023.55
270	1991.09.27 11:15:00	0:15:00	812.91	203.23	616.91	154.23	4,391.41	1,097.85
270	1991.09.27 11:30:00	0:15:00	663.32	165.83	498.17	124.54	4,659.74	1,164.94
270	1991.09.27 11:45:00	0:15:00	519.15	129.79	384.61	96.15	4,917.47	1,229.37
270	1991.09.27 12:00:00	0:15:00	381.15	95.29	293.02	73.26	5,147.05	1,286.76
270	1991.09.27 12:15:00	0:15:00	249.08	62.27	209.09	52.27	5,363.05	1,340.76
270	1991.09.27 12:30:00	0:15:00	122.94	30.73	113.80	28.45	5,584.48	1,396.12
270	1991.09.27 12:45:00	0:15:00	8.64	2.16	32.09	8.02	5,780.49	1,445.12
270	1991.09.27 13:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
270	1991.09.27 13:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
270	1991.09.27 13:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
270	1991.09.27 13:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
270	1991.09.27 14:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
270	1991.09.27 14:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
270	1991.09.27 14:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
270	1991.09.27 14:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
270	1991.09.27 15:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
270	1991.09.27 15:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
270	1991.09.27 15:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
270	1991.09.27 15:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
270	1991.09.27 16:00:00	0:15:00	17.03	4.26	0.00	0.00	5,804.19	1,451.05
270	1991.09.27 16:15:00	0:15:00	323.14	80.79	0.00	0.00	5,498.08	1,374.52
270	1991.09.27 16:30:00	0:15:00	727.50	181.88	0.00	0.00	5,093.72	1,273.43
270	1991.09.27 16:45:00	0:15:00	1,276.27	319.07	0.00	0.00	4,544.95	1,136.24
270	1991.09.27 17:00:00	0:15:00	2,038.58	509.64	0.00	0.00	3,782.65	945.66
270	1991.09.27 17:15:00	0:15:00	3,012.44	753.11	0.00	0.00	2,808.78	702.20
270	1991.09.27 17:30:00	0:15:00	3,499.00	874.75	0.00	0.00	2,322.22	580.56
270	1991.09.27 17:45:00	0:13:48	3,979.89	915.37	0.00	0.00	1,841.33	423.51
270	1991.09.27 17:58:11	0:06:36	4,394.12	483.35	0.00	0.00	1,427.10	156.98
277	1991.10.04 08:09:36	0:02:24	4,812.30	192.49	51.35	2.05	957.57	38.30
277	1991.10.04 08:15:00	0:10:12	4,740.47	805.88	46.90	7.97	1,033.85	175.76
277	1991.10.04 08:30:00	0:15:00	4,544.46	1,136.12	43.20	10.80	1,233.56	308.39
277	1991.10.04 08:45:00	0:15:00	3,912.74	978.19	436.70	109.17	1,471.78	367.95
277	1991.10.04 09:00:00	0:15:00	3,278.31	819.58	822.29	205.57	1,720.62	430.16
277	1991.10.04 09:15:00	0:15:00	2,788.05	697.01	1,040.77	260.19	1,992.41	498.10
277	1991.10.04 09:30:00	0:15:00	2,394.55	598.64	1,147.16	286.79	2,279.51	569.88
277	1991.10.04 09:45:00	0:15:00	2,068.45	517.11	1,142.23	285.56	2,610.55	652.64
277	1991.10.04 10:00:00	0:15:00	1,790.73	447.68	1,067.18	266.80	2,963.32	740.83
277	1991.10.04 10:15:00	0:15:00	1,549.55	387.39	943.75	235.94	3,327.93	831.98
277	1991.10.04 10:30:00	0:15:00	1,337.74	334.44	838.09	209.52	3,645.39	911.35
277	1991.10.04 10:45:00	0:15:00	1,144.94	286.24	721.33	180.33	3,954.96	988.74
277	1991.10.04 11:00:00	0:15:00	970.66	242.66	618.88	154.72	4,231.69	1,057.92
277	1991.10.04 11:15:00	0:15:00	804.77	201.19	511.50	127.87	4,504.96	1,126.24
277	1991.10.04 11:30:00	0:15:00	652.70	163.18	413.99	103.50	4,754.54	1,188.63
277	1991.10.04 11:45:00	0:15:00	506.31	126.58	322.65	80.66	4,992.27	1,248.07
277	1991.10.04 12:00:00	0:15:00	366.84	91.71	252.05	63.01	5,202.34	1,300.59
277	1991.10.04 12:15:00	0:15:00	232.79	58.20	187.61	46.90	5,400.82	1,350.21
277	1991.10.04 12:30:00	0:15:00	105.16	26.29	95.29	23.82	5,620.77	1,405.19
277	1991.10.04 12:45:00	0:15:00	2.96	0.74	24.93	6.23	5,793.33	1,448.33
277	1991.10.04 13:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
277	1991.10.04 13:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
277	1991.10.04 13:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
277	1991.10.04 13:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
277	1991.10.04 14:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
277	1991.10.04 14:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
277	1991.10.04 14:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
277	1991.10.04 14:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
277	1991.10.04 15:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
277	1991.10.04 15:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
277	1991.10.04 15:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
277	1991.10.04 15:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
277	1991.10.04 16:00:00	0:15:00	144.41	36.10	0.00	0.00	5,676.81	1,419.20
277	1991.10.04 16:15:00	0:15:00	411.27	102.82	0.00	0.00	5,409.95	1,352.49
277	1991.10.04 16:30:00	0:15:00	801.56	200.39	0.00	0.00	5,019.67	1,254.92
277	1991.10.04 16:45:00	0:15:00	1,325.89	331.47	0.00	0.00	4,495.33	1,123.83
277	1991.10.04 17:00:00	0:15:00	2,054.38	513.59	0.00	0.00	3,766.85	941.71
277	1991.10.04 17:15:00	0:15:00	2,617.71	654.43	0.00	0.00	3,203.51	800.88
277	1991.10.04 17:30:00	0:16:12	3,144.02	848.89	0.00	0.00	2,677.21	722.85
277	1991.10.04 17:47:23	0:08:24	3,710.81	519.51	0.00	0.00	2,110.41	295.46
284	1991.10.11 08:16:11	0:07:12	4,553.59	546.43	51.59	6.19	1,216.04	145.92
284	1991.10.11 08:30:00	0:14:24	4,364.00	1,047.36	42.46	10.19	1,414.76	339.54
284	1991.10.11 08:45:00	0:15:00	3,976.68	994.17	195.27	48.82	1,649.28	412.32
284	1991.10.11 09:00:00	0:15:00	3,352.37	838.09	577.16	144.29	1,891.69	472.92

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
284	1991.10.11 09:15:00	0:15:00	2,976.65	744.16	796.13	199.03	2,048.45	512.11
284	1991.10.11 09:30:00	0:15:00	2,541.18	635.30	897.59	224.40	2,382.45	595.61
284	1991.10.11 09:45:00	0:15:00	2,098.56	524.64	882.28	220.57	2,840.38	710.10
284	1991.10.11 10:00:00	0:15:00	1,802.58	450.64	823.28	205.82	3,195.37	798.84
284	1991.10.11 10:15:00	0:15:00	1,557.44	389.36	739.60	184.90	3,524.18	881.05
284	1991.10.11 10:30:00	0:15:00	1,340.21	335.05	665.04	166.26	3,815.97	953.99
284	1991.10.11 10:45:00	0:15:00	1,144.45	286.11	577.65	144.41	4,099.12	1,024.78
284	1991.10.11 11:00:00	0:15:00	967.94	241.99	500.63	125.16	4,352.65	1,088.16
284	1991.10.11 11:15:00	0:15:00	800.08	200.02	413.99	103.50	4,607.16	1,151.79
284	1991.10.11 11:30:00	0:15:00	644.80	161.20	338.69	84.67	4,837.73	1,209.43
284	1991.10.11 11:45:00	0:15:00	496.44	124.11	267.10	66.78	5,057.68	1,264.42
284	1991.10.11 12:00:00	0:15:00	355.23	88.81	216.00	54.00	5,249.99	1,312.50
284	1991.10.11 12:15:00	0:15:00	217.98	54.50	173.54	43.39	5,429.70	1,357.43
284	1991.10.11 12:30:00	0:15:00	90.60	22.65	84.67	21.17	5,645.95	1,411.49
284	1991.10.11 12:45:00	0:15:00	0.00	0.00	10.12	2.53	5,811.10	1,452.78
284	1991.10.11 13:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
284	1991.10.11 13:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
284	1991.10.11 13:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
284	1991.10.11 13:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
284	1991.10.11 14:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
284	1991.10.11 14:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
284	1991.10.11 14:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
284	1991.10.11 14:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
284	1991.10.11 15:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
284	1991.10.11 15:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
284	1991.10.11 15:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
284	1991.10.11 15:45:00	0:15:00	31.10	7.78	0.00	0.00	5,790.12	1,447.53
284	1991.10.11 16:00:00	0:15:00	183.66	45.92	0.00	0.00	5,637.56	1,409.39
284	1991.10.11 16:15:00	0:15:00	408.06	102.02	0.00	0.00	5,413.16	1,353.29
284	1991.10.11 16:30:00	0:15:00	747.99	187.00	0.00	0.00	5,073.24	1,268.31
284	1991.10.11 16:45:00	0:15:00	1,181.97	295.49	0.00	0.00	4,639.25	1,159.81
284	1991.10.11 17:00:00	0:15:00	1,712.97	428.24	0.00	0.00	4,108.26	1,027.06
284	1991.10.11 17:15:00	0:15:00	2,259.27	564.82	0.00	0.00	3,561.95	890.49
284	1991.10.11 17:30:00	0:11:24	2,792.24	530.53	0.00	0.00	3,028.98	575.51
284	1991.10.11 17:37:12	0:03:36	3,024.79	181.49	0.00	0.00	2,796.44	167.79
291	1991.10.18 08:22:48	0:03:36	4,570.38	274.22	50.11	3.01	1,200.73	72.04
291	1991.10.18 08:30:00	0:10:48	4,491.88	808.54	45.18	8.13	1,284.17	231.15
291	1991.10.18 08:45:00	0:15:00	3,980.14	995.03	39.99	10.00	1,801.10	450.27
291	1991.10.18 09:00:00	0:15:00	3,518.51	879.63	356.71	89.18	1,946.00	486.50
291	1991.10.18 09:15:00	0:15:00	3,283.00	820.75	561.86	140.46	1,976.37	494.09
291	1991.10.18 09:30:00	0:15:00	3,000.59	750.15	655.91	163.98	2,164.72	541.18
291	1991.10.18 09:45:00	0:15:00	2,634.00	658.50	648.50	162.13	2,538.72	634.68
291	1991.10.18 10:00:00	0:15:00	2,151.39	537.85	621.60	155.40	3,048.24	762.06
291	1991.10.18 10:15:00	0:15:00	1,786.53	446.63	572.22	143.06	3,462.47	865.62
291	1991.10.18 10:30:00	0:15:00	1,448.09	362.02	522.85	130.71	3,850.29	962.57
291	1991.10.18 10:45:00	0:15:00	1,177.77	294.44	458.67	114.67	4,184.78	1,046.20
291	1991.10.18 11:00:00	0:15:00	967.69	241.92	399.42	99.86	4,454.11	1,113.53
291	1991.10.18 11:15:00	0:15:00	797.11	199.28	331.78	82.95	4,692.33	1,173.08
291	1991.10.18 11:30:00	0:15:00	638.38	159.60	273.52	68.38	4,909.32	1,227.33
291	1991.10.18 11:45:00	0:15:00	489.28	122.32	220.20	55.05	5,111.75	1,277.94
291	1991.10.18 12:00:00	0:15:00	345.11	86.28	187.61	46.90	5,288.50	1,322.12
291	1991.10.18 12:15:00	0:15:00	205.88	51.47	162.19	40.55	5,453.15	1,363.29
291	1991.10.18 12:30:00	0:15:00	76.53	19.13	75.54	18.89	5,669.16	1,417.29
291	1991.10.18 12:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
291	1991.10.18 13:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
291	1991.10.18 13:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
291	1991.10.18 13:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
291	1991.10.18 13:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
291	1991.10.18 14:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
291	1991.10.18 14:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
291	1991.10.18 14:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
291	1991.10.18 14:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
291	1991.10.18 15:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
291	1991.10.18 15:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
291	1991.10.18 15:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
291	1991.10.18 15:45:00	0:15:00	36.54	9.13	0.00	0.00	5,784.69	1,446.17
291	1991.10.18 16:00:00	0:15:00	125.65	31.41	0.00	0.00	5,695.57	1,423.89
291	1991.10.18 16:15:00	0:15:00	278.95	69.74	0.00	0.00	5,542.27	1,385.57
291	1991.10.18 16:30:00	0:15:00	538.16	134.54	0.00	0.00	5,283.07	1,320.77
291	1991.10.18 16:45:00	0:15:00	885.49	221.37	0.00	0.00	4,935.73	1,233.93
291	1991.10.18 17:00:00	0:15:00	1,359.96	339.99	0.00	0.00	4,461.27	1,115.32
291	1991.10.18 17:15:00	0:13:12	1,855.41	408.19	0.00	0.00	3,965.82	872.48
291	1991.10.18 17:27:00	0:06:00	2,343.94	234.39	0.00	0.00	3,477.28	347.73
298	1991.10.25 07:30:00	0:07:48	4,928.33	640.68	49.37	6.42	843.52	109.66
298	1991.10.25 07:45:00	0:15:00	4,589.39	1,147.35	40.24	10.06	1,191.60	297.90
298	1991.10.25 08:00:00	0:15:00	3,881.64	970.41	171.57	42.89	1,768.02	442.00
298	1991.10.25 08:15:00	0:15:00	3,585.90	896.48	355.48	88.87	1,879.84	469.96
298	1991.10.25 08:30:00	0:15:00	3,499.00	874.75	437.93	109.48	1,884.29	471.07
298	1991.10.25 08:45:00	0:15:00	3,256.09	814.02	455.71	113.93	2,109.43	527.36
298	1991.10.25 09:00:00	0:15:00	2,715.96	678.99	459.16	114.79	2,646.10	661.53
298	1991.10.25 09:15:00	0:15:00	2,267.42	566.85	431.51	107.88	3,122.30	780.57
298	1991.10.25 09:30:00	0:15:00	1,813.44	453.36	405.59	101.40	3,602.19	900.55
298	1991.10.25 09:45:00	0:15:00	1,458.95	364.74	360.42	90.10	4,001.86	1,000.47
298	1991.10.25 10:00:00	0:15:00	1,150.87	287.72	316.72	79.18	4,353.64	1,088.41
298	1991.10.25 10:15:00	0:15:00	903.76	225.94	267.60	66.90	4,649.87	1,162.47
298	1991.10.25 10:30:00	0:15:00	684.30	171.07	221.19	55.30	4,915.74	1,228.93
298	1991.10.25 10:45:00	0:15:00	499.65	124.91	184.41	46.10	5,137.17	1,284.29
298	1991.10.25 11:00:00	0:15:00	338.45	84.61	167.37	41.84	5,315.41	1,328.85
298	1991.10.25 11:15:00	0:15:00	197.49	49.37	152.07	38.02	5,471.67	1,367.92
298	1991.10.25 11:30:00	0:15:00	66.65	16.66	68.87	17.22	5,685.70	1,421.42
298	1991.10.25 11:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
298	1991.10.25 12:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
298	1991.10.25 12:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
298	1991.10.25 12:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
298	1991.10.25 12:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
298	1991.10.25 13:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
298	1991.10.25 13:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
298	1991.10.25 13:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
298	1991.10.25 13:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
298	1991.10.25 14:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
298	1991.10.25 14:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
298	1991.10.25 14:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
298	1991.10.25 14:45:00	0:15:00	0.74	0.19	0.00	0.00	5,820.48	1,455.12
298	1991.10.25 15:00:00	0:15:00	54.06	13.52	0.00	0.00	5,767.16	1,441.79
298	1991.10.25 15:15:00	0:15:00	180.70	45.18	0.00	0.00	5,640.52	1,410.13
298	1991.10.25 15:30:00	0:15:00	390.78	97.70	0.00	0.00	5,430.44	1,357.61
298	1991.10.25 15:45:00	0:15:00	674.92	168.73	0.00	0.00	5,146.31	1,286.58
298	1991.10.25 16:00:00	0:15:00	1,067.18	266.80	0.00	0.00	4,754.04	1,188.51
298	1991.10.25 16:15:00	0:09:00	1,564.60	234.69	0.00	0.00	4,256.62	638.49
298	1991.10.25 16:18:00	0:01:48	1,676.68	50.30	0.00	0.00	4,144.55	124.34

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
305	1991.11.01 07:36:35	0:04:12	5,495.12	384.66	37.03	2.59	289.07	20.24
305	1991.11.01 07:45:00	0:11:24	5,427.73	1,031.27	44.93	8.54	348.57	66.23
305	1991.11.01 08:00:00	0:15:00	4,581.00	1,145.25	51.59	12.90	1,188.63	297.16
305	1991.11.01 08:15:00	0:15:00	4,088.26	1,022.07	184.41	46.10	1,548.56	387.14
305	1991.11.01 08:30:00	0:15:00	4,009.76	1,002.44	262.17	65.54	1,549.30	387.32
305	1991.11.01 08:45:00	0:15:00	3,898.18	974.54	302.90	75.73	1,620.15	405.04
305	1991.11.01 09:00:00	0:15:00	3,433.09	858.27	322.15	80.54	2,065.98	516.49
305	1991.11.01 09:15:00	0:15:00	2,821.12	705.28	277.97	69.49	2,722.13	680.53
305	1991.11.01 09:30:00	0:15:00	2,193.11	548.28	279.94	69.99	3,348.17	837.04
305	1991.11.01 09:45:00	0:15:00	1,742.34	435.59	264.64	66.16	3,814.25	953.56
305	1991.11.01 10:00:00	0:15:00	1,355.02	338.76	251.55	62.89	4,214.65	1,053.66
305	1991.11.01 10:15:00	0:15:00	1,041.01	260.25	214.77	53.69	4,565.44	1,141.36
305	1991.11.01 10:30:00	0:15:00	767.49	191.87	182.43	45.61	4,871.30	1,217.83
305	1991.11.01 10:45:00	0:15:00	532.48	133.12	157.25	39.31	5,131.49	1,282.87
305	1991.11.01 11:00:00	0:15:00	335.73	83.93	155.03	38.76	5,330.46	1,332.62
305	1991.11.01 11:15:00	0:15:00	194.03	48.51	145.15	36.29	5,482.04	1,370.51
305	1991.11.01 11:30:00	0:15:00	60.73	15.18	65.91	16.48	5,694.58	1,423.65
305	1991.11.01 11:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
305	1991.11.01 12:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
305	1991.11.01 12:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
305	1991.11.01 12:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
305	1991.11.01 12:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
305	1991.11.01 13:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
305	1991.11.01 13:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
305	1991.11.01 13:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
305	1991.11.01 13:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
305	1991.11.01 14:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
305	1991.11.01 14:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
305	1991.11.01 14:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
305	1991.11.01 14:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
305	1991.11.01 15:00:00	0:15:00	20.24	5.06	0.00	0.00	5,800.98	1,450.25
305	1991.11.01 15:15:00	0:15:00	110.35	27.59	0.00	0.00	5,710.88	1,427.72
305	1991.11.01 15:30:00	0:15:00	274.26	68.57	0.00	0.00	5,546.96	1,386.74
305	1991.11.01 15:45:00	0:15:00	505.08	126.27	0.00	0.00	5,316.15	1,329.04
305	1991.11.01 16:00:00	0:12:36	831.18	174.55	0.00	0.00	4,990.04	1,047.91
305	1991.11.01 16:10:12	0:05:24	1,095.07	98.56	0.00	0.00	4,726.15	425.35
312	1991.11.08 07:43:48	0:00:36	5,791.60	57.92	0.00	0.00	29.62	0.30
312	1991.11.08 07:45:00	0:07:48	5,789.87	752.68	0.00	0.00	31.35	4.08
312	1991.11.08 08:00:00	0:15:00	5,172.97	1,293.24	5.18	1.30	643.07	160.77
312	1991.11.08 08:15:00	0:15:00	4,617.53	1,154.38	70.60	17.65	1,133.09	283.27
312	1991.11.08 08:30:00	0:15:00	4,490.89	1,122.72	136.51	34.13	1,193.82	298.46
312	1991.11.08 08:45:00	0:15:00	4,508.66	1,127.17	186.38	46.60	1,126.18	281.55
312	1991.11.08 09:00:00	0:15:00	4,300.56	1,075.14	206.13	51.53	1,314.53	328.63
312	1991.11.08 09:15:00	0:15:00	3,498.26	874.57	186.13	46.53	2,136.83	534.21
312	1991.11.08 09:30:00	0:15:00	2,648.32	662.08	185.64	46.41	2,987.26	746.82
312	1991.11.08 09:45:00	0:15:00	2,045.24	511.31	171.32	42.83	3,604.66	901.17
312	1991.11.08 10:00:00	0:15:00	1,571.76	392.94	164.66	41.16	4,084.81	1,021.20
312	1991.11.08 10:15:00	0:15:00	1,192.09	298.02	145.15	36.29	4,483.98	1,121.00
312	1991.11.08 10:30:00	0:15:00	857.35	214.34	135.28	33.82	4,828.60	1,207.15
312	1991.11.08 10:45:00	0:15:00	569.76	142.44	131.33	32.83	5,120.14	1,280.04
312	1991.11.08 11:00:00	0:15:00	339.43	84.86	146.14	36.54	5,335.65	1,333.91
312	1991.11.08 11:15:00	0:15:00	195.51	48.88	143.92	35.98	5,481.79	1,370.45
312	1991.11.08 11:30:00	0:15:00	61.22	15.31	65.67	16.42	5,694.34	1,423.58
312	1991.11.08 11:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
312	1991.11.08 12:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
312	1991.11.08 12:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
312	1991.11.08 12:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
312	1991.11.08 12:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
312	1991.11.08 13:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
312	1991.11.08 13:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
312	1991.11.08 13:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
312	1991.11.08 13:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
312	1991.11.08 14:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
312	1991.11.08 14:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
312	1991.11.08 14:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
312	1991.11.08 14:45:00	0:15:00	0.99	0.25	0.00	0.00	5,820.24	1,455.06
312	1991.11.08 15:00:00	0:15:00	2.96	0.74	0.00	0.00	5,818.26	1,454.57
312	1991.11.08 15:15:00	0:15:00	58.01	14.50	0.00	0.00	5,763.21	1,440.80
312	1991.11.08 15:30:00	0:15:00	183.42	45.85	0.00	0.00	5,637.81	1,409.45
312	1991.11.08 15:45:00	0:15:00	370.54	92.63	0.00	0.00	5,450.69	1,362.67
312	1991.11.08 16:00:00	0:09:00	639.62	95.94	0.00	0.00	5,181.61	777.24
312	1991.11.08 16:03:00	0:01:48	706.52	21.20	0.00	0.00	5,114.71	153.44
319	1991.11.15 07:51:00	0:04:48	5,821.22	465.70	0.00	0.00	0.00	0.00
319	1991.11.15 08:00:00	0:12:00	5,729.88	1,145.98	0.00	0.00	91.34	18.27
319	1991.11.15 08:15:00	0:15:00	5,030.78	1,257.69	5.18	1.30	785.26	196.32
319	1991.11.15 08:30:00	0:15:00	4,871.30	1,217.83	60.98	15.24	888.95	222.24
319	1991.11.15 08:45:00	0:15:00	5,064.35	1,266.09	101.46	25.37	655.42	163.85
319	1991.11.15 09:00:00	0:15:00	5,020.16	1,255.04	111.09	27.77	689.98	172.49
319	1991.11.15 09:15:00	0:15:00	4,239.34	1,059.84	115.78	28.94	1,466.11	366.53
319	1991.11.15 09:30:00	0:15:00	3,299.54	824.89	126.64	31.66	2,395.04	598.76
319	1991.11.15 09:45:00	0:15:00	2,583.15	645.79	118.00	29.50	3,120.07	780.02
319	1991.11.15 10:00:00	0:15:00	1,911.69	477.92	106.64	26.66	3,802.89	950.72
319	1991.11.15 10:15:00	0:15:00	1,369.09	342.27	92.82	23.21	4,359.31	1,089.83
319	1991.11.15 10:30:00	0:15:00	958.56	239.64	85.17	21.29	4,777.50	1,194.37
319	1991.11.15 10:45:00	0:15:00	620.11	155.03	95.54	23.88	5,105.57	1,276.39
319	1991.11.15 11:00:00	0:15:00	349.06	87.27	138.00	34.50	5,334.17	1,333.54
319	1991.11.15 11:15:00	0:15:00	202.67	50.67	147.87	36.97	5,470.68	1,367.67
319	1991.11.15 11:30:00	0:15:00	67.15	16.79	67.89	16.97	5,686.19	1,421.55
319	1991.11.15 11:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
319	1991.11.15 12:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
319	1991.11.15 12:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
319	1991.11.15 12:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
319	1991.11.15 12:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
319	1991.11.15 13:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
319	1991.11.15 13:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
319	1991.11.15 13:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
319	1991.11.15 13:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
319	1991.11.15 14:00:00	0:15:00	6.17	1.54	0.00	0.00	5,815.05	1,453.76
319	1991.11.15 14:15:00	0:15:00	53.82	13.45	0.00	0.00	5,767.41	1,441.85
319	1991.11.15 14:30:00	0:15:00	54.31	13.58	0.00	0.00	5,766.91	1,441.73
319	1991.11.15 14:45:00	0:15:00	8.89	2.22	0.00	0.00	5,812.34	1,453.08
319	1991.11.15 15:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
319	1991.11.15 15:15:00	0:15:00	24.44	6.11	0.00	0.00	5,796.78	1,449.20
319	1991.11.15 15:30:00	0:15:00	116.77	29.19	0.00	0.00	5,704.46	1,426.11
319	1991.11.15 15:45:00	0:13:48	265.87	61.15	0.00	0.00	5,555.35	1,277.73
319	1991.11.15 15:57:36	0:06:36	449.78	49.48	0.00	0.00	5,371.44	590.86
326	1991.11.22 07:57:36	0:01:12	5,821.22	116.42	0.00	0.00	0.00	0.00
326	1991.11.22 08:00:00	0:09:00	5,821.22	873.18	0.00	0.00	0.00	0.00
326	1991.11.22 08:15:00	0:15:00	5,390.95	1,347.74	0.00	0.00	430.28	107.57
326	1991.11.22 08:30:00	0:15:00	5,143.59	1,285.90	36.29	9.07	641.34	160.34

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
326	1991.11.22 08:45:00	0:15:00	5,357.87	1,339.47	53.82	13.45	409.54	102.39
326	1991.11.22 09:00:00	0:15:00	5,573.38	1,393.34	44.93	11.23	202.92	50.73
326	1991.11.22 09:15:00	0:15:00	4,977.45	1,244.36	64.92	16.23	778.85	194.71
326	1991.11.22 09:30:00	0:15:00	3,963.10	990.78	79.74	19.93	1,778.39	444.60
326	1991.11.22 09:45:00	0:15:00	3,158.09	789.52	79.98	20.00	2,583.15	645.79
326	1991.11.22 10:00:00	0:15:00	2,434.05	608.51	77.02	19.26	3,310.16	827.54
326	1991.11.22 10:15:00	0:15:00	1,853.43	463.36	60.73	15.18	3,907.07	976.77
326	1991.11.22 10:30:00	0:15:00	1,281.21	320.30	53.08	13.27	4,486.94	1,121.74
326	1991.11.22 10:45:00	0:15:00	813.16	203.29	62.70	15.68	4,945.36	1,236.34
326	1991.11.22 11:00:00	0:15:00	398.43	99.61	129.60	32.40	5,293.19	1,323.30
326	1991.11.22 11:15:00	0:15:00	224.89	56.22	155.28	38.82	5,441.06	1,360.26
326	1991.11.22 11:30:00	0:15:00	77.76	19.44	75.05	18.76	5,668.42	1,417.10
326	1991.11.22 11:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
326	1991.11.22 12:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
326	1991.11.22 12:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
326	1991.11.22 12:30:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
326	1991.11.22 12:45:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
326	1991.11.22 13:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
326	1991.11.22 13:15:00	0:15:00	15.80	3.95	0.00	0.00	5,805.42	1,451.36
326	1991.11.22 13:30:00	0:15:00	46.41	11.60	0.00	0.00	5,774.81	1,443.70
326	1991.11.22 13:45:00	0:15:00	115.04	28.76	0.00	0.00	5,706.19	1,426.55
326	1991.11.22 14:00:00	0:15:00	149.60	37.40	0.00	0.00	5,671.63	1,417.91
326	1991.11.22 14:15:00	0:15:00	173.30	43.32	0.00	0.00	5,647.93	1,411.98
326	1991.11.22 14:30:00	0:15:00	116.77	29.19	0.00	0.00	5,704.46	1,426.11
326	1991.11.22 14:45:00	0:15:00	9.63	2.41	0.00	0.00	5,811.60	1,452.90
326	1991.11.22 15:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
326	1991.11.22 15:15:00	0:15:00	5.68	1.42	0.00	0.00	5,815.55	1,453.89
326	1991.11.22 15:30:00	0:15:00	66.90	16.73	0.00	0.00	5,754.32	1,438.58
326	1991.11.22 15:45:00	0:12:00	183.42	36.68	0.00	0.00	5,637.81	1,127.56
326	1991.11.22 15:54:00	0:04:48	285.37	22.83	0.00	0.00	5,535.85	442.87
333	1991.11.29 08:04:12	0:05:24	5,821.22	523.91	0.00	0.00	0.00	0.00
333	1991.11.29 08:15:00	0:12:36	5,739.02	1,205.19	0.00	0.00	82.21	17.26
333	1991.11.29 08:30:00	0:15:00	5,325.77	1,331.44	15.06	3.77	480.39	120.10
333	1991.11.29 08:45:00	0:15:00	5,496.60	1,374.15	38.02	9.50	286.61	71.65
333	1991.11.29 09:00:00	0:15:00	5,780.99	1,445.25	11.60	2.90	28.64	7.16
333	1991.11.29 09:15:00	0:15:00	5,651.38	1,412.85	22.46	5.62	147.38	36.84
333	1991.11.29 09:30:00	0:15:00	4,572.35	1,143.09	48.63	12.16	1,200.24	300.06
333	1991.11.29 09:45:00	0:15:00	3,704.64	926.16	53.08	13.27	2,063.51	515.88
333	1991.11.29 10:00:00	0:15:00	2,918.14	729.54	55.54	13.89	2,847.54	711.89
333	1991.11.29 10:15:00	0:15:00	2,307.90	576.98	44.44	11.11	3,468.89	867.22
333	1991.11.29 10:30:00	0:15:00	1,711.98	428.00	34.31	8.58	4,074.93	1,018.73
333	1991.11.29 10:45:00	0:15:00	1,215.30	303.82	29.87	7.47	4,576.06	1,144.01
333	1991.11.29 11:00:00	0:15:00	743.30	185.82	121.21	30.30	4,956.72	1,239.18
333	1991.11.29 11:15:00	0:15:00	506.81	126.70	154.04	38.51	5,160.38	1,290.09
333	1991.11.29 11:30:00	0:15:00	253.77	63.44	85.91	21.48	5,481.54	1,370.39
333	1991.11.29 11:45:00	0:15:00	128.61	32.15	9.87	2.47	5,682.73	1,420.68
333	1991.11.29 12:00:00	0:15:00	73.81	18.45	0.00	0.00	5,747.41	1,436.85
333	1991.11.29 12:15:00	0:15:00	83.19	20.80	0.00	0.00	5,738.03	1,434.51
333	1991.11.29 12:30:00	0:15:00	66.16	16.54	0.00	0.00	5,755.06	1,438.77
333	1991.11.29 12:45:00	0:15:00	108.13	27.03	0.00	0.00	5,713.10	1,428.27
333	1991.11.29 13:00:00	0:15:00	126.39	31.60	0.00	0.00	5,694.83	1,423.71
333	1991.11.29 13:15:00	0:15:00	188.36	47.09	0.00	0.00	5,632.87	1,408.22
333	1991.11.29 13:30:00	0:15:00	220.45	55.11	0.00	0.00	5,600.78	1,400.19
333	1991.11.29 13:45:00	0:15:00	275.00	68.75	0.00	0.00	5,546.22	1,386.56
333	1991.11.29 14:00:00	0:15:00	287.10	71.78	0.00	0.00	5,534.12	1,383.53

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
333	1991.11.29 14:15:00	0:15:00	272.04	68.01	0.00	0.00	5,549.18	1,387.30
333	1991.11.29 14:30:00	0:15:00	165.89	41.47	0.00	0.00	5,655.33	1,413.83
333	1991.11.29 14:45:00	0:15:00	29.62	7.41	0.00	0.00	5,791.60	1,447.90
333	1991.11.29 15:00:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
333	1991.11.29 15:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
333	1991.11.29 15:30:00	0:15:00	32.83	8.21	0.00	0.00	5,788.39	1,447.10
333	1991.11.29 15:45:00	0:10:48	124.91	22.48	0.00	0.00	5,696.31	1,025.34
333	1991.11.29 15:51:36	0:03:00	195.02	9.75	0.00	0.00	5,626.20	281.31
340	1991.12.06 08:10:12	0:02:24	5,821.22	232.85	0.00	0.00	0.00	0.00
340	1991.12.06 08:15:00	0:10:12	5,821.22	989.61	0.00	0.00	0.00	0.00
340	1991.12.06 08:30:00	0:15:00	5,486.48	1,371.62	0.00	0.00	334.74	83.69
340	1991.12.06 08:45:00	0:15:00	5,555.85	1,388.96	37.52	9.38	227.85	56.96
340	1991.12.06 09:00:00	0:15:00	5,809.37	1,452.34	0.25	0.06	11.60	2.90
340	1991.12.06 09:15:00	0:15:00	5,820.73	1,455.18	0.49	0.12	0.00	0.00
340	1991.12.06 09:30:00	0:15:00	5,176.92	1,294.23	24.19	6.05	620.11	155.03
340	1991.12.06 09:45:00	0:15:00	4,209.72	1,052.43	34.56	8.64	1,576.95	394.24
340	1991.12.06 10:00:00	0:15:00	3,354.10	838.52	40.73	10.18	2,426.39	606.60
340	1991.12.06 10:15:00	0:15:00	2,707.82	676.95	34.07	8.52	3,079.34	769.84
340	1991.12.06 10:30:00	0:15:00	2,073.14	518.28	26.66	6.67	3,721.43	930.36
340	1991.12.06 10:45:00	0:15:00	1,562.88	390.72	16.29	4.07	4,242.06	1,060.51
340	1991.12.06 11:00:00	0:15:00	1,056.32	264.08	111.33	27.83	4,653.57	1,163.39
340	1991.12.06 11:15:00	0:15:00	796.13	199.03	147.38	36.84	4,877.72	1,219.43
340	1991.12.06 11:30:00	0:15:00	534.21	133.55	99.73	24.93	5,187.29	1,296.82
340	1991.12.06 11:45:00	0:15:00	374.74	93.68	16.54	4.14	5,429.95	1,357.49
340	1991.12.06 12:00:00	0:15:00	300.92	75.23	0.00	0.00	5,520.30	1,380.08
340	1991.12.06 12:15:00	0:15:00	288.83	72.21	0.00	0.00	5,532.40	1,383.10
340	1991.12.06 12:30:00	0:15:00	258.96	64.74	0.00	0.00	5,562.27	1,390.57
340	1991.12.06 12:45:00	0:15:00	286.11	71.53	0.00	0.00	5,535.11	1,383.78
340	1991.12.06 13:00:00	0:15:00	290.80	72.70	0.00	0.00	5,530.42	1,382.61
340	1991.12.06 13:15:00	0:15:00	343.63	85.91	0.00	0.00	5,477.59	1,369.40
340	1991.12.06 13:30:00	0:15:00	359.92	89.98	0.00	0.00	5,461.30	1,365.33
340	1991.12.06 13:45:00	0:15:00	401.15	100.29	0.00	0.00	5,420.07	1,355.02
340	1991.12.06 14:00:00	0:15:00	393.50	98.37	0.00	0.00	5,427.73	1,356.93
340	1991.12.06 14:15:00	0:15:00	353.26	88.31	0.00	0.00	5,467.97	1,366.99
340	1991.12.06 14:30:00	0:15:00	221.43	55.36	0.00	0.00	5,599.79	1,399.95
340	1991.12.06 14:45:00	0:15:00	56.53	14.13	0.00	0.00	5,764.69	1,441.17
340	1991.12.06 15:00:00	0:15:00	1.48	0.37	0.00	0.00	5,819.74	1,454.94
340	1991.12.06 15:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
340	1991.12.06 15:30:00	0:15:00	13.08	3.27	0.00	0.00	5,808.14	1,452.04
340	1991.12.06 15:45:00	0:10:12	80.97	13.77	0.00	0.00	5,740.25	975.84
340	1991.12.06 15:51:00	0:03:00	420.40	21.02	0.00	0.00	5,400.82	270.04
347	1991.12.13 08:15:36	0:07:12	5,821.22	698.55	0.00	0.00	0.00	0.00
347	1991.12.13 08:30:00	0:15:00	5,644.96	1,411.24	0.00	0.00	176.26	44.07
347	1991.12.13 08:45:00	0:15:00	5,577.32	1,394.33	19.01	4.75	224.89	56.22
347	1991.12.13 09:00:00	0:15:00	5,818.26	1,454.57	0.00	0.00	2.96	0.74
347	1991.12.13 09:15:00	0:15:00	5,821.22	1,455.31	0.00	0.00	0.00	0.00
347	1991.12.13 09:30:00	0:15:00	5,631.39	1,407.85	0.00	0.00	189.84	47.46
347	1991.12.13 09:45:00	0:15:00	4,650.61	1,162.65	23.21	5.80	1,147.41	286.85
347	1991.12.13 10:00:00	0:15:00	3,734.02	933.50	30.86	7.71	2,056.35	514.09
347	1991.12.13 10:15:00	0:15:00	3,033.43	758.36	28.39	7.10	2,759.41	689.85
347	1991.12.13 10:30:00	0:15:00	2,370.85	592.71	22.96	5.74	3,427.41	856.85
347	1991.12.13 10:45:00	0:15:00	1,841.83	460.46	13.82	3.46	3,965.57	991.39
347	1991.12.13 11:00:00	0:15:00	1,310.34	327.58	88.38	22.09	4,422.51	1,105.63
347	1991.12.13 11:15:00	0:15:00	1,009.41	252.35	141.45	35.36	4,670.36	1,167.59
347	1991.12.13 11:30:00	0:15:00	733.18	183.29	117.01	29.25	4,971.04	1,242.76

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
347	1991.12.13 11:45:00	0:15:00	560.13	140.03	34.81	8.70	5,226.29	1,306.57
347	1991.12.13 12:00:00	0:15:00	453.48	113.37	0.00	0.00	5,367.74	1,341.94
347	1991.12.13 12:15:00	0:15:00	440.15	110.04	0.00	0.00	5,381.07	1,345.27
347	1991.12.13 12:30:00	0:15:00	383.13	95.78	0.00	0.00	5,438.10	1,359.52
347	1991.12.13 12:45:00	0:15:00	407.81	101.95	0.00	0.00	5,413.41	1,353.35
347	1991.12.13 13:00:00	0:15:00	397.94	99.49	0.00	0.00	5,423.28	1,355.82
347	1991.12.13 13:15:00	0:15:00	443.36	110.84	0.00	0.00	5,377.86	1,344.47
347	1991.12.13 13:30:00	0:15:00	452.50	113.12	0.00	0.00	5,368.73	1,342.18
347	1991.12.13 13:45:00	0:15:00	482.61	120.65	0.00	0.00	5,338.61	1,334.65
347	1991.12.13 14:00:00	0:15:00	459.66	114.91	0.00	0.00	5,361.57	1,340.39
347	1991.12.13 14:15:00	0:15:00	418.92	104.73	0.00	0.00	5,402.30	1,350.58
347	1991.12.13 14:30:00	0:15:00	280.93	70.23	0.00	0.00	5,540.30	1,385.07
347	1991.12.13 14:45:00	0:15:00	88.62	22.16	0.00	0.00	5,732.60	1,433.15
347	1991.12.13 15:00:00	0:15:00	10.62	2.65	0.00	0.00	5,810.61	1,452.65
347	1991.12.13 15:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
347	1991.12.13 15:30:00	0:15:00	2.96	0.74	0.00	0.00	5,818.26	1,454.57
347	1991.12.13 15:45:00	0:10:48	49.62	8.93	0.00	0.00	5,771.60	1,038.89
347	1991.12.13 15:52:11	0:03:36	643.07	38.58	0.00	0.00	5,178.15	310.69
354	1991.12.20 08:19:48	0:04:48	5,821.22	465.70	0.00	0.00	0.00	0.00
354	1991.12.20 08:30:00	0:12:36	5,773.09	1,212.35	0.00	0.00	48.14	10.11
354	1991.12.20 08:45:00	0:15:00	5,581.77	1,395.44	5.68	1.42	233.78	58.44
354	1991.12.20 09:00:00	0:15:00	5,753.58	1,438.40	11.85	2.96	55.79	13.95
354	1991.12.20 09:15:00	0:15:00	5,821.22	1,455.31	0.00	0.00	0.00	0.00
354	1991.12.20 09:30:00	0:15:00	5,800.24	1,450.06	0.00	0.00	20.98	5.25
354	1991.12.20 09:45:00	0:15:00	4,973.01	1,243.25	15.55	3.89	832.66	208.17
354	1991.12.20 10:00:00	0:15:00	4,011.98	1,003.00	26.17	6.54	1,783.08	445.77
354	1991.12.20 10:15:00	0:15:00	3,263.75	815.94	26.91	6.73	2,530.57	632.64
354	1991.12.20 10:30:00	0:15:00	2,577.23	644.31	22.46	5.62	3,221.53	805.38
354	1991.12.20 10:45:00	0:15:00	2,028.95	507.24	14.81	3.70	3,777.46	944.37
354	1991.12.20 11:00:00	0:15:00	1,484.13	371.03	49.87	12.47	4,287.23	1,071.81
354	1991.12.20 11:15:00	0:15:00	1,133.58	283.40	134.05	33.51	4,553.59	1,138.40
354	1991.12.20 11:30:00	0:15:00	847.23	211.81	135.03	33.76	4,838.96	1,209.74
354	1991.12.20 11:45:00	0:15:00	663.07	165.77	52.33	13.08	5,105.82	1,276.46
354	1991.12.20 12:00:00	0:15:00	529.02	132.26	0.00	0.00	5,292.20	1,323.05
354	1991.12.20 12:15:00	0:15:00	500.39	125.10	0.00	0.00	5,320.84	1,330.21
354	1991.12.20 12:30:00	0:15:00	437.93	109.48	0.00	0.00	5,383.29	1,345.82
354	1991.12.20 12:45:00	0:15:00	456.20	114.05	0.00	0.00	5,365.02	1,341.26
354	1991.12.20 13:00:00	0:15:00	440.15	110.04	0.00	0.00	5,381.07	1,345.27
354	1991.12.20 13:15:00	0:15:00	479.90	119.97	0.00	0.00	5,341.33	1,335.33
354	1991.12.20 13:30:00	0:15:00	486.07	121.52	0.00	0.00	5,335.15	1,333.79
354	1991.12.20 13:45:00	0:15:00	513.96	128.49	0.00	0.00	5,307.26	1,326.82
354	1991.12.20 14:00:00	0:15:00	497.42	124.36	0.00	0.00	5,323.80	1,330.95
354	1991.12.20 14:15:00	0:15:00	457.93	114.48	0.00	0.00	5,363.30	1,340.82
354	1991.12.20 14:30:00	0:15:00	329.81	82.45	0.00	0.00	5,491.42	1,372.85
354	1991.12.20 14:45:00	0:15:00	131.82	32.96	0.00	0.00	5,689.40	1,422.35
354	1991.12.20 15:00:00	0:15:00	23.70	5.93	0.00	0.00	5,797.52	1,449.38
354	1991.12.20 15:15:00	0:15:00	0.00	0.00	0.00	0.00	5,821.22	1,455.31
354	1991.12.20 15:30:00	0:15:00	0.25	0.06	0.00	0.00	5,820.98	1,455.24
354	1991.12.20 15:45:00	0:12:36	31.35	6.58	0.00	0.00	5,789.87	1,215.87
354	1991.12.20 15:54:36	0:04:48	672.70	53.82	0.00	0.00	5,148.53	411.88
			1,743,593.17	387,350.15	499,545.90	124,807.66	4,427,982.44	1,092,345.93

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EXHIBIT D.3

Southwest BART Plaza (Plaza B)

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EXHIBIT D.3

Summary of Results - 1979 Mission Street - SOUTHWEST
BART PLAZA 'B'
(Updated datum - FINAL DESIGN)

1979 Mission Street - SOUTHWEST BART PLAZA 'B'
Summary of Results

cadp annualized net new shadow	62,329.62	Sq ft hrs
Annual Available Sunlight (AAS), based on City's AAS Factor	32,295,797.76	Sq ft hrs
Annual Shadow Increase as a Percentage of AAS	0.193%	0.23%

Exisitng Shadow Load

Annulaized Existing Shadow	10,330,082.40	Sq ft hrs
Annual Available Sunlight (AAS), based on City's AAS Factor	32,295,797.76	Sq ft hrs
	31.9858%	

TOTAL Shadow	10,392,412.01
	32.179%

Quantitative Shadow Results - Impact Times

EXHIBIT D.3

1979 Mission Street - SOUTHWEST BART PLAZA 'B'

Date	Mirror	Date+Time	Duration	Duration Totals/day	ExSF	ExSFHr	NewSF	NewSFHr	New SFHR Total/day
21-Jun	None	1991.06.21 06:46:48	0:06:36		4,867.94	535.47	3,810.46	419.15	
		1991.06.21 07:00:00	0:13:48		5,346.82	1,229.77	2,749.51	632.39	
		1991.06.21 07:15:00	0:15:00	0:35:24	4,979.06	1,244.77	1,010.46	252.62	1,304.15
28-Jun	14-Jun	1991.06.28 06:48:35	0:06:00		4,921.15	492.12	3,757.25	375.73	
		1991.06.28 07:00:00	0:13:12		5,314.15	1,169.11	2,813.85	619.05	
		1991.06.28 07:15:00	0:15:00	0:34:12	5,167.39	1,291.85	1,170.58	292.65	1,287.42
5-Jul	7-Jul	1991.07.05 06:52:12	0:03:36		5,087.21	305.23	3,494.92	209.70	
		1991.07.05 07:00:00	0:11:24		5,360.18	1,018.43	2,680.21	509.24	
		1991.07.05 07:15:00	0:15:00	0:30:00	5,533.91	1,383.48	1,149.80	287.45	1,006.39
12-Jul	31-May	1991.07.12 06:56:24	0:01:48		5,360.18	160.81	2,730.21	81.91	
		1991.07.12 07:00:00	0:09:00		5,486.89	823.03	2,355.03	353.25	
		1991.07.12 07:15:00	0:15:00	0:25:48	6,026.89	1,506.72	892.66	223.17	658.33
19-Jul	24-May	1991.07.19 07:01:11	0:07:48		5,731.15	745.05	1,691.78	219.93	
		1991.07.19 07:16:11	0:14:24	0:22:12	6,265.22	1,503.65	382.11	91.71	311.64
26-Jul	17-May	1991.07.26 07:07:12	0:03:36		6,190.23	371.41	509.81	30.59	
		1991.07.26 07:15:00	0:11:24	0:15:00	6,453.55	1,226.18	94.79	18.01	48.60
								31,293.42	4,616.52



Quantitative Shadow Results - FULL SUN ANGLE SAMPLE

EXHIBIT D.3

1979 Mission Street - SOUTHWEST BART PLAZA 'B'

FULL RESULTS

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
172	1991.06.21 06:46:48	0:06:36	4,867.94	535.47	3,810.46	419.15	0.00	0.00
172	1991.06.21 07:00:00	0:13:48	5,346.82	1,229.77	2,749.51	632.39	582.07	133.88
172	1991.06.21 07:15:00	0:15:00	4,979.06	1,244.77	1,010.46	252.62	2,688.88	672.22
172	1991.06.21 07:30:00	0:15:00	3,890.89	972.72	0.00	0.00	4,787.51	1,196.88
172	1991.06.21 07:45:00	0:15:00	2,808.66	702.16	0.00	0.00	5,869.74	1,467.44
172	1991.06.21 08:00:00	0:15:00	1,768.00	442.00	0.00	0.00	6,910.40	1,727.60
172	1991.06.21 08:15:00	0:15:00	771.64	192.91	0.00	0.00	7,906.76	1,976.69
172	1991.06.21 08:30:00	0:15:00	0.00	0.00	0.00	0.00	8,678.40	2,169.60
172	1991.06.21 08:45:00	0:15:00	0.00	0.00	0.00	0.00	8,678.40	2,169.60
172	1991.06.21 09:00:00	0:15:00	0.00	0.00	0.00	0.00	8,678.40	2,169.60
172	1991.06.21 09:15:00	0:15:00	3.22	0.80	0.00	0.00	8,675.18	2,168.80
172	1991.06.21 09:30:00	0:15:00	8.41	2.10	0.00	0.00	8,669.99	2,167.50
172	1991.06.21 09:45:00	0:15:00	11.38	2.85	0.00	0.00	8,667.02	2,166.75
172	1991.06.21 10:00:00	0:15:00	16.33	4.08	0.00	0.00	8,662.07	2,165.52
172	1991.06.21 10:15:00	0:15:00	18.81	4.70	0.00	0.00	8,659.59	2,164.90
172	1991.06.21 10:30:00	0:15:00	26.98	6.74	0.00	0.00	8,651.43	2,162.86
172	1991.06.21 10:45:00	0:15:00	52.47	13.12	0.00	0.00	8,625.93	2,156.48
172	1991.06.21 11:00:00	0:15:00	70.78	17.70	0.00	0.00	8,607.62	2,151.91
172	1991.06.21 11:15:00	0:15:00	96.52	24.13	0.00	0.00	8,581.88	2,145.47
172	1991.06.21 11:30:00	0:15:00	110.62	27.66	0.00	0.00	8,567.78	2,141.94
172	1991.06.21 11:45:00	0:15:00	131.91	32.98	0.00	0.00	8,546.49	2,136.62
172	1991.06.21 12:00:00	0:15:00	136.86	34.21	0.00	0.00	8,541.54	2,135.39
172	1991.06.21 12:15:00	0:15:00	155.42	38.85	0.00	0.00	8,522.98	2,130.75
172	1991.06.21 12:30:00	0:15:00	155.91	38.98	0.00	0.00	8,522.49	2,130.62
172	1991.06.21 12:45:00	0:15:00	172.49	43.12	0.00	0.00	8,505.91	2,126.48
172	1991.06.21 13:00:00	0:15:00	168.29	42.07	0.00	0.00	8,510.11	2,127.53
172	1991.06.21 13:15:00	0:15:00	184.13	46.03	0.00	0.00	8,494.28	2,123.57
172	1991.06.21 13:30:00	0:15:00	182.89	45.72	0.00	0.00	8,495.51	2,123.88
172	1991.06.21 13:45:00	0:15:00	202.69	50.67	0.00	0.00	8,475.71	2,118.93
172	1991.06.21 14:00:00	0:15:00	268.27	67.07	0.00	0.00	8,410.13	2,102.53
172	1991.06.21 14:15:00	0:15:00	345.73	86.43	0.00	0.00	8,332.67	2,083.17
172	1991.06.21 14:30:00	0:15:00	427.15	106.79	0.00	0.00	8,251.25	2,062.81
172	1991.06.21 14:45:00	0:15:00	547.18	136.80	0.00	0.00	8,131.22	2,032.81
172	1991.06.21 15:00:00	0:15:00	662.75	165.69	0.00	0.00	8,015.65	2,003.91
172	1991.06.21 15:15:00	0:15:00	806.79	201.70	0.00	0.00	7,871.61	1,967.90
172	1991.06.21 15:30:00	0:15:00	961.71	240.43	0.00	0.00	7,716.69	1,929.17
172	1991.06.21 15:45:00	0:15:00	1,126.78	281.70	0.00	0.00	7,551.62	1,887.91
172	1991.06.21 16:00:00	0:15:00	1,321.30	330.33	0.00	0.00	7,357.10	1,839.28
172	1991.06.21 16:15:00	0:15:00	1,523.49	380.87	0.00	0.00	7,154.91	1,788.73
172	1991.06.21 16:30:00	0:15:00	1,721.72	430.43	0.00	0.00	6,956.68	1,739.17
172	1991.06.21 16:45:00	0:15:00	1,919.95	479.99	0.00	0.00	6,758.45	1,689.61
172	1991.06.21 17:00:00	0:15:00	2,136.50	534.13	0.00	0.00	6,541.90	1,635.48
172	1991.06.21 17:15:00	0:15:00	2,408.48	602.12	0.00	0.00	6,269.92	1,567.48
172	1991.06.21 17:30:00	0:15:00	2,704.72	676.18	0.00	0.00	5,973.69	1,493.42
172	1991.06.21 17:45:00	0:15:00	3,052.67	763.17	0.00	0.00	5,625.73	1,406.43
172	1991.06.21 18:00:00	0:15:00	3,437.51	859.38	0.00	0.00	5,240.90	1,310.22
172	1991.06.21 18:15:00	0:15:00	3,878.02	969.51	0.00	0.00	4,800.38	1,200.10
172	1991.06.21 18:30:00	0:15:00	4,401.44	1,100.36	0.00	0.00	4,276.96	1,069.24
172	1991.06.21 18:45:00	0:15:00	5,016.93	1,254.23	0.00	0.00	3,661.48	915.37
172	1991.06.21 19:00:00	0:15:00	5,800.45	1,450.11	0.00	0.00	2,877.95	719.49
172	1991.06.21 19:15:00	0:18:00	7,489.75	2,246.93	0.00	0.00	1,188.65	356.60

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
172	1991.06.21 19:36:00	0:10:48	8,678.40	1,562.11	0.00	0.00	0.00	0.00
179	1991.06.28 06:48:35	0:06:00	4,921.15	492.12	3,757.25	375.73	0.00	0.00
179	1991.06.28 07:00:00	0:13:12	5,314.15	1,169.11	2,813.85	619.05	550.40	121.09
179	1991.06.28 07:15:00	0:15:00	5,167.39	1,291.85	1,170.58	292.65	2,340.42	585.11
179	1991.06.28 07:30:00	0:15:00	4,065.61	1,016.40	0.00	0.00	4,612.79	1,153.20
179	1991.06.28 07:45:00	0:15:00	2,968.03	742.01	0.00	0.00	5,710.37	1,427.59
179	1991.06.28 08:00:00	0:15:00	1,919.21	479.80	0.00	0.00	6,759.19	1,689.80
179	1991.06.28 08:15:00	0:15:00	904.54	226.14	0.00	0.00	7,773.86	1,943.47
179	1991.06.28 08:30:00	0:15:00	8.41	2.10	0.00	0.00	8,669.99	2,167.50
179	1991.06.28 08:45:00	0:15:00	0.00	0.00	0.00	0.00	8,678.40	2,169.60
179	1991.06.28 09:00:00	0:15:00	0.00	0.00	0.00	0.00	8,678.40	2,169.60
179	1991.06.28 09:15:00	0:15:00	3.47	0.87	0.00	0.00	8,674.94	2,168.73
179	1991.06.28 09:30:00	0:15:00	8.41	2.10	0.00	0.00	8,669.99	2,167.50
179	1991.06.28 09:45:00	0:15:00	11.38	2.85	0.00	0.00	8,667.02	2,166.75
179	1991.06.28 10:00:00	0:15:00	16.33	4.08	0.00	0.00	8,662.07	2,165.52
179	1991.06.28 10:15:00	0:15:00	19.30	4.83	0.00	0.00	8,659.10	2,164.77
179	1991.06.28 10:30:00	0:15:00	27.97	6.99	0.00	0.00	8,650.44	2,162.61
179	1991.06.28 10:45:00	0:15:00	54.45	13.61	0.00	0.00	8,623.96	2,155.99
179	1991.06.28 11:00:00	0:15:00	73.25	18.31	0.00	0.00	8,605.15	2,151.29
179	1991.06.28 11:15:00	0:15:00	98.99	24.75	0.00	0.00	8,579.41	2,144.85
179	1991.06.28 11:30:00	0:15:00	113.35	28.34	0.00	0.00	8,565.05	2,141.26
179	1991.06.28 11:45:00	0:15:00	134.63	33.66	0.00	0.00	8,543.77	2,135.94
179	1991.06.28 12:00:00	0:15:00	140.82	35.20	0.00	0.00	8,537.58	2,134.40
179	1991.06.28 12:15:00	0:15:00	159.38	39.84	0.00	0.00	8,519.02	2,129.76
179	1991.06.28 12:30:00	0:15:00	159.63	39.91	0.00	0.00	8,518.78	2,129.69
179	1991.06.28 12:45:00	0:15:00	176.21	44.05	0.00	0.00	8,502.19	2,125.55
179	1991.06.28 13:00:00	0:15:00	172.99	43.25	0.00	0.00	8,505.41	2,126.35
179	1991.06.28 13:15:00	0:15:00	188.09	47.02	0.00	0.00	8,490.32	2,122.58
179	1991.06.28 13:30:00	0:15:00	185.61	46.40	0.00	0.00	8,492.79	2,123.20
179	1991.06.28 13:45:00	0:15:00	204.42	51.11	0.00	0.00	8,473.98	2,118.50
179	1991.06.28 14:00:00	0:15:00	259.11	64.78	0.00	0.00	8,419.29	2,104.82
179	1991.06.28 14:15:00	0:15:00	344.49	86.12	0.00	0.00	8,333.91	2,083.48
179	1991.06.28 14:30:00	0:15:00	424.92	106.23	0.00	0.00	8,253.48	2,063.37
179	1991.06.28 14:45:00	0:15:00	545.45	136.36	0.00	0.00	8,132.95	2,033.24
179	1991.06.28 15:00:00	0:15:00	658.30	164.58	0.00	0.00	8,020.10	2,005.03
179	1991.06.28 15:15:00	0:15:00	794.17	198.54	0.00	0.00	7,884.24	1,971.06
179	1991.06.28 15:30:00	0:15:00	947.85	236.96	0.00	0.00	7,730.55	1,932.64
179	1991.06.28 15:45:00	0:15:00	1,112.18	278.04	0.00	0.00	7,566.22	1,891.56
179	1991.06.28 16:00:00	0:15:00	1,307.69	326.92	0.00	0.00	7,370.71	1,842.68
179	1991.06.28 16:15:00	0:15:00	1,508.39	377.10	0.00	0.00	7,170.01	1,792.50
179	1991.06.28 16:30:00	0:15:00	1,708.61	427.15	0.00	0.00	6,969.80	1,742.45
179	1991.06.28 16:45:00	0:15:00	1,906.84	476.71	0.00	0.00	6,771.56	1,692.89
179	1991.06.28 17:00:00	0:15:00	2,116.95	529.24	0.00	0.00	6,561.45	1,640.36
179	1991.06.28 17:15:00	0:15:00	2,386.21	596.55	0.00	0.00	6,292.19	1,573.05
179	1991.06.28 17:30:00	0:15:00	2,684.42	671.11	0.00	0.00	5,993.98	1,498.50
179	1991.06.28 17:45:00	0:15:00	3,027.18	756.80	0.00	0.00	5,651.22	1,412.81
179	1991.06.28 18:00:00	0:15:00	3,416.47	854.12	0.00	0.00	5,261.93	1,315.48
179	1991.06.28 18:15:00	0:15:00	3,850.55	962.64	0.00	0.00	4,827.85	1,206.96
179	1991.06.28 18:30:00	0:15:00	4,361.85	1,090.46	0.00	0.00	4,316.56	1,079.14
179	1991.06.28 18:45:00	0:15:00	4,982.77	1,245.69	0.00	0.00	3,695.63	923.91
179	1991.06.28 19:00:00	0:15:00	5,770.75	1,442.69	0.00	0.00	2,907.65	726.91
179	1991.06.28 19:15:00	0:18:00	7,282.61	2,184.78	0.00	0.00	1,395.79	418.74
179	1991.06.28 19:36:36	0:10:48	8,678.40	1,562.11	0.00	0.00	0.00	0.00
186	1991.07.05 06:52:12	0:03:36	5,087.21	305.23	3,494.92	209.70	96.27	5.78
186	1991.07.05 07:00:00	0:11:24	5,360.18	1,018.43	2,680.21	509.24	638.01	121.22
186	1991.07.05 07:15:00	0:15:00	5,533.91	1,383.48	1,149.80	287.45	1,994.69	498.67
186	1991.07.05 07:30:00	0:15:00	4,383.87	1,095.97	0.00	0.00	4,294.53	1,073.63

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
186	1991.07.05 07:45:00	0:15:00	3,236.80	809.20	0.00	0.00	5,441.60	1,360.40
186	1991.07.05 08:00:00	0:15:00	2,155.31	538.83	0.00	0.00	6,523.09	1,630.77
186	1991.07.05 08:15:00	0:15:00	1,106.73	276.68	0.00	0.00	7,571.67	1,892.92
186	1991.07.05 08:30:00	0:15:00	136.11	34.03	0.00	0.00	8,542.29	2,135.57
186	1991.07.05 08:45:00	0:15:00	0.00	0.00	0.00	0.00	8,678.40	2,169.60
186	1991.07.05 09:00:00	0:15:00	0.25	0.06	0.00	0.00	8,678.15	2,169.54
186	1991.07.05 09:15:00	0:15:00	3.47	0.87	0.00	0.00	8,674.94	2,168.73
186	1991.07.05 09:30:00	0:15:00	10.39	2.60	0.00	0.00	8,668.01	2,167.00
186	1991.07.05 09:45:00	0:15:00	12.37	3.09	0.00	0.00	8,666.03	2,166.51
186	1991.07.05 10:00:00	0:15:00	16.83	4.21	0.00	0.00	8,661.57	2,165.39
186	1991.07.05 10:15:00	0:15:00	20.29	5.07	0.00	0.00	8,658.11	2,164.53
186	1991.07.05 10:30:00	0:15:00	38.36	9.59	0.00	0.00	8,640.04	2,160.01
186	1991.07.05 10:45:00	0:15:00	67.32	16.83	0.00	0.00	8,611.09	2,152.77
186	1991.07.05 11:00:00	0:15:00	86.87	21.72	0.00	0.00	8,591.54	2,147.88
186	1991.07.05 11:15:00	0:15:00	111.61	27.90	0.00	0.00	8,566.79	2,141.70
186	1991.07.05 11:30:00	0:15:00	127.95	31.99	0.00	0.00	8,550.45	2,137.61
186	1991.07.05 11:45:00	0:15:00	149.23	37.31	0.00	0.00	8,529.17	2,132.29
186	1991.07.05 12:00:00	0:15:00	155.67	38.92	0.00	0.00	8,522.74	2,130.68
186	1991.07.05 12:15:00	0:15:00	172.25	43.06	0.00	0.00	8,506.15	2,126.54
186	1991.07.05 12:30:00	0:15:00	173.98	43.50	0.00	0.00	8,504.42	2,126.11
186	1991.07.05 12:45:00	0:15:00	189.08	47.27	0.00	0.00	8,489.33	2,122.33
186	1991.07.05 13:00:00	0:15:00	185.36	46.34	0.00	0.00	8,493.04	2,123.26
186	1991.07.05 13:15:00	0:15:00	200.95	50.24	0.00	0.00	8,477.45	2,119.36
186	1991.07.05 13:30:00	0:15:00	199.72	49.93	0.00	0.00	8,478.68	2,119.67
186	1991.07.05 13:45:00	0:15:00	214.07	53.52	0.00	0.00	8,464.33	2,116.08
186	1991.07.05 14:00:00	0:15:00	270.25	67.56	0.00	0.00	8,408.15	2,102.04
186	1991.07.05 14:15:00	0:15:00	355.88	88.97	0.00	0.00	8,322.52	2,080.63
186	1991.07.05 14:30:00	0:15:00	436.80	109.20	0.00	0.00	8,241.60	2,060.40
186	1991.07.05 14:45:00	0:15:00	556.09	139.02	0.00	0.00	8,122.31	2,030.58
186	1991.07.05 15:00:00	0:15:00	667.21	166.80	0.00	0.00	8,011.19	2,002.80
186	1991.07.05 15:15:00	0:15:00	799.36	199.84	0.00	0.00	7,879.04	1,969.76
186	1991.07.05 15:30:00	0:15:00	943.15	235.79	0.00	0.00	7,735.25	1,933.81
186	1991.07.05 15:45:00	0:15:00	1,113.17	278.29	0.00	0.00	7,565.23	1,891.31
186	1991.07.05 16:00:00	0:15:00	1,304.47	326.12	0.00	0.00	7,373.93	1,843.48
186	1991.07.05 16:15:00	0:15:00	1,507.65	376.91	0.00	0.00	7,170.75	1,792.69
186	1991.07.05 16:30:00	0:15:00	1,710.34	427.59	0.00	0.00	6,968.06	1,742.02
186	1991.07.05 16:45:00	0:15:00	1,919.95	479.99	0.00	0.00	6,758.45	1,689.61
186	1991.07.05 17:00:00	0:15:00	2,126.60	531.65	0.00	0.00	6,551.80	1,637.95
186	1991.07.05 17:15:00	0:15:00	2,384.97	596.24	0.00	0.00	6,293.43	1,573.36
186	1991.07.05 17:30:00	0:15:00	2,691.35	672.84	0.00	0.00	5,987.05	1,496.76
186	1991.07.05 17:45:00	0:15:00	3,039.06	759.77	0.00	0.00	5,639.34	1,409.84
186	1991.07.05 18:00:00	0:15:00	3,432.31	858.08	0.00	0.00	5,246.09	1,311.52
186	1991.07.05 18:15:00	0:15:00	3,876.04	969.01	0.00	0.00	4,802.36	1,200.59
186	1991.07.05 18:30:00	0:15:00	4,402.43	1,100.61	0.00	0.00	4,275.97	1,068.99
186	1991.07.05 18:45:00	0:15:00	5,034.99	1,258.75	0.00	0.00	3,643.41	910.85
186	1991.07.05 19:00:00	0:15:00	5,832.13	1,458.03	0.00	0.00	2,846.27	711.57
186	1991.07.05 19:15:00	0:18:00	7,214.06	2,164.22	0.00	0.00	1,464.34	439.30
186	1991.07.05 19:36:00	0:10:48	8,678.40	1,562.11	0.00	0.00	0.00	0.00
193	1991.07.12 06:56:24	0:01:48	5,360.18	160.81	2,730.21	81.91	588.01	17.64
193	1991.07.12 07:00:00	0:09:00	5,486.89	823.03	2,355.03	353.25	836.48	125.47
193	1991.07.12 07:15:00	0:15:00	6,026.89	1,506.72	892.66	223.17	1,758.84	439.71
193	1991.07.12 07:30:00	0:15:00	4,865.47	1,216.37	0.00	0.00	3,812.93	953.23
193	1991.07.12 07:45:00	0:15:00	3,627.08	906.77	0.00	0.00	5,051.33	1,262.83
193	1991.07.12 08:00:00	0:15:00	2,475.30	618.83	0.00	0.00	6,203.10	1,550.78
193	1991.07.12 08:15:00	0:15:00	1,386.39	346.60	0.00	0.00	7,292.01	1,823.00
193	1991.07.12 08:30:00	0:15:00	351.67	87.92	0.00	0.00	8,326.73	2,081.68
193	1991.07.12 08:45:00	0:15:00	0.00	0.00	0.00	0.00	8,678.40	2,169.60

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr	
193	1991.07.12 09:00:00	0:15:00		0.99	0.25	0.00	0.00	8,677.41	2,169.35
193	1991.07.12 09:15:00	0:15:00		3.96	0.99	0.00	0.00	8,674.44	2,168.61
193	1991.07.12 09:30:00	0:15:00		11.88	2.97	0.00	0.00	8,666.52	2,166.63
193	1991.07.12 09:45:00	0:15:00		15.10	3.77	0.00	0.00	8,663.30	2,165.83
193	1991.07.12 10:00:00	0:15:00		17.32	4.33	0.00	0.00	8,661.08	2,165.27
193	1991.07.12 10:15:00	0:15:00		33.41	8.35	0.00	0.00	8,644.99	2,161.25
193	1991.07.12 10:30:00	0:15:00		60.14	15.03	0.00	0.00	8,618.26	2,154.57
193	1991.07.12 10:45:00	0:15:00		89.34	22.34	0.00	0.00	8,589.06	2,147.27
193	1991.07.12 11:00:00	0:15:00		110.13	27.53	0.00	0.00	8,568.27	2,142.07
193	1991.07.12 11:15:00	0:15:00		136.86	34.21	0.00	0.00	8,541.54	2,135.39
193	1991.07.12 11:30:00	0:15:00		151.95	37.99	0.00	0.00	8,526.45	2,131.61
193	1991.07.12 11:45:00	0:15:00		173.24	43.31	0.00	0.00	8,505.16	2,126.29
193	1991.07.12 12:00:00	0:15:00		178.43	44.61	0.00	0.00	8,499.97	2,124.99
193	1991.07.12 12:15:00	0:15:00		196.01	49.00	0.00	0.00	8,482.40	2,120.60
193	1991.07.12 12:30:00	0:15:00		196.25	49.06	0.00	0.00	8,482.15	2,120.54
193	1991.07.12 12:45:00	0:15:00		213.08	53.27	0.00	0.00	8,465.32	2,116.33
193	1991.07.12 13:00:00	0:15:00		209.37	52.34	0.00	0.00	8,469.03	2,117.26
193	1991.07.12 13:15:00	0:15:00		224.96	56.24	0.00	0.00	8,453.44	2,113.36
193	1991.07.12 13:30:00	0:15:00		223.97	55.99	0.00	0.00	8,454.43	2,113.61
193	1991.07.12 13:45:00	0:15:00		237.83	59.46	0.00	0.00	8,440.57	2,110.14
193	1991.07.12 14:00:00	0:15:00		292.77	73.19	0.00	0.00	8,385.63	2,096.41
193	1991.07.12 14:15:00	0:15:00		379.88	94.97	0.00	0.00	8,298.52	2,074.63
193	1991.07.12 14:30:00	0:15:00		459.57	114.89	0.00	0.00	8,218.83	2,054.71
193	1991.07.12 14:45:00	0:15:00		581.58	145.40	0.00	0.00	8,096.82	2,024.21
193	1991.07.12 15:00:00	0:15:00		693.94	173.48	0.00	0.00	7,984.47	1,996.12
193	1991.07.12 15:15:00	0:15:00		824.36	206.09	0.00	0.00	7,854.04	1,963.51
193	1991.07.12 15:30:00	0:15:00		954.29	238.57	0.00	0.00	7,724.12	1,931.03
193	1991.07.12 15:45:00	0:15:00		1,119.60	279.90	0.00	0.00	7,558.80	1,889.70
193	1991.07.12 16:00:00	0:15:00		1,313.38	328.35	0.00	0.00	7,365.02	1,841.26
193	1991.07.12 16:15:00	0:15:00		1,522.01	380.50	0.00	0.00	7,156.40	1,789.10
193	1991.07.12 16:30:00	0:15:00		1,732.36	433.09	0.00	0.00	6,946.04	1,736.51
193	1991.07.12 16:45:00	0:15:00		1,948.91	487.23	0.00	0.00	6,729.49	1,682.37
193	1991.07.12 17:00:00	0:15:00		2,158.53	539.63	0.00	0.00	6,519.88	1,629.97
193	1991.07.12 17:15:00	0:15:00		2,399.82	599.96	0.00	0.00	6,278.58	1,569.65
193	1991.07.12 17:30:00	0:15:00		2,722.04	680.51	0.00	0.00	5,956.36	1,489.09
193	1991.07.12 17:45:00	0:15:00		3,081.13	770.28	0.00	0.00	5,597.27	1,399.32
193	1991.07.12 18:00:00	0:15:00		3,483.04	870.76	0.00	0.00	5,195.36	1,298.84
193	1991.07.12 18:15:00	0:15:00		3,946.57	986.64	0.00	0.00	4,731.83	1,182.96
193	1991.07.12 18:30:00	0:15:00		4,503.40	1,125.85	0.00	0.00	4,175.00	1,043.75
193	1991.07.12 18:45:00	0:15:00		5,168.14	1,292.03	0.00	0.00	3,510.26	877.57
193	1991.07.12 19:00:00	0:15:00		6,009.82	1,502.45	0.00	0.00	2,668.58	667.15
193	1991.07.12 19:15:00	0:16:48		7,343.99	2,056.32	0.00	0.00	1,334.42	373.64
193	1991.07.12 19:33:36	0:09:00		8,640.29	1,296.04	0.00	0.00	38.11	5.72
200	1991.07.19 07:01:11	0:07:48		5,731.15	745.05	1,691.78	219.93	1,255.47	163.21
200	1991.07.19 07:16:11	0:14:24		6,265.22	1,503.65	382.11	91.71	2,031.07	487.46
200	1991.07.19 07:30:00	0:14:24		5,526.74	1,326.42	0.00	0.00	3,151.67	756.40
200	1991.07.19 07:45:00	0:15:00		4,135.90	1,033.97	0.00	0.00	4,542.51	1,135.63
200	1991.07.19 08:00:00	0:15:00		2,915.32	728.83	0.00	0.00	5,763.08	1,440.77
200	1991.07.19 08:15:00	0:15:00		1,736.32	434.08	0.00	0.00	6,942.08	1,735.52
200	1991.07.19 08:30:00	0:15:00		628.60	157.15	0.00	0.00	8,049.80	2,012.45
200	1991.07.19 08:45:00	0:15:00		0.00	0.00	0.00	0.00	8,678.40	2,169.60
200	1991.07.19 09:00:00	0:15:00		3.71	0.93	0.00	0.00	8,674.69	2,168.67
200	1991.07.19 09:15:00	0:15:00		9.40	2.35	0.00	0.00	8,669.00	2,167.25
200	1991.07.19 09:30:00	0:15:00		12.37	3.09	0.00	0.00	8,666.03	2,166.51
200	1991.07.19 09:45:00	0:15:00		16.58	4.15	0.00	0.00	8,661.82	2,165.46
200	1991.07.19 10:00:00	0:15:00		29.95	7.49	0.00	0.00	8,648.46	2,162.11
200	1991.07.19 10:15:00	0:15:00		65.58	16.40	0.00	0.00	8,612.82	2,153.20

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
200	1991.07.19 10:30:00	0:15:00		93.05	23.26	0.00	0.00	8,585.35
200	1991.07.19 10:45:00	0:15:00		123.99	31.00	0.00	0.00	8,554.41
200	1991.07.19 11:00:00	0:15:00		145.02	36.26	0.00	0.00	8,533.38
200	1991.07.19 11:15:00	0:15:00		172.25	43.06	0.00	0.00	8,506.15
200	1991.07.19 11:30:00	0:15:00		185.61	46.40	0.00	0.00	8,492.79
200	1991.07.19 11:45:00	0:15:00		206.15	51.54	0.00	0.00	8,472.25
200	1991.07.19 12:00:00	0:15:00		212.83	53.21	0.00	0.00	8,465.57
200	1991.07.19 12:15:00	0:15:00		231.15	57.79	0.00	0.00	8,447.25
200	1991.07.19 12:30:00	0:15:00		231.89	57.97	0.00	0.00	8,446.51
200	1991.07.19 12:45:00	0:15:00		246.74	61.69	0.00	0.00	8,431.66
200	1991.07.19 13:00:00	0:15:00		243.77	60.94	0.00	0.00	8,434.63
200	1991.07.19 13:15:00	0:15:00		258.62	64.65	0.00	0.00	8,419.78
200	1991.07.19 13:30:00	0:15:00		258.37	64.59	0.00	0.00	8,420.03
200	1991.07.19 13:45:00	0:15:00		272.23	68.06	0.00	0.00	8,406.17
200	1991.07.19 14:00:00	0:15:00		329.64	82.41	0.00	0.00	8,348.76
200	1991.07.19 14:15:00	0:15:00		416.02	104.00	0.00	0.00	8,262.39
200	1991.07.19 14:30:00	0:15:00		497.44	124.36	0.00	0.00	8,180.96
200	1991.07.19 14:45:00	0:15:00		619.69	154.92	0.00	0.00	8,058.71
200	1991.07.19 15:00:00	0:15:00		733.29	183.32	0.00	0.00	7,945.12
200	1991.07.19 15:15:00	0:15:00		862.72	215.68	0.00	0.00	7,815.68
200	1991.07.19 15:30:00	0:15:00		1,001.06	250.27	0.00	0.00	7,677.34
200	1991.07.19 15:45:00	0:15:00		1,149.80	287.45	0.00	0.00	7,528.61
200	1991.07.19 16:00:00	0:15:00		1,338.38	334.59	0.00	0.00	7,340.03
200	1991.07.19 16:15:00	0:15:00		1,554.18	388.54	0.00	0.00	7,124.22
200	1991.07.19 16:30:00	0:15:00		1,767.26	441.82	0.00	0.00	6,911.14
200	1991.07.19 16:45:00	0:15:00		1,995.68	498.92	0.00	0.00	6,682.72
200	1991.07.19 17:00:00	0:15:00		2,223.37	555.84	0.00	0.00	6,455.04
200	1991.07.19 17:15:00	0:15:00		2,454.76	613.69	0.00	0.00	6,223.64
200	1991.07.19 17:30:00	0:15:00		2,778.46	694.62	0.00	0.00	5,899.94
200	1991.07.19 17:45:00	0:15:00		3,166.76	791.69	0.00	0.00	5,511.64
200	1991.07.19 18:00:00	0:15:00		3,574.36	893.59	0.00	0.00	5,104.04
200	1991.07.19 18:15:00	0:15:00		4,082.44	1,020.61	0.00	0.00	4,595.96
200	1991.07.19 18:30:00	0:15:00		4,678.87	1,169.72	0.00	0.00	3,999.53
200	1991.07.19 18:45:00	0:15:00		5,407.45	1,351.86	0.00	0.00	3,270.95
200	1991.07.19 19:00:00	0:15:00		6,323.62	1,580.91	0.00	0.00	2,354.78
200	1991.07.19 19:15:00	0:15:00		7,639.72	1,909.93	0.00	0.00	1,038.68
200	1991.07.19 19:30:00	0:07:48		8,300.50	1,079.07	0.00	0.00	377.90
207	1991.07.26 07:07:12	0:03:36		6,190.23	371.41	509.81	30.59	1,978.36
207	1991.07.26 07:15:00	0:11:24		6,453.55	1,226.18	94.79	18.01	2,130.07
207	1991.07.26 07:30:00	0:15:00		6,374.11	1,593.53	0.00	0.00	2,304.29
207	1991.07.26 07:45:00	0:15:00		4,827.85	1,206.96	0.00	0.00	3,850.55
207	1991.07.26 08:00:00	0:15:00		3,452.85	863.21	0.00	0.00	5,225.55
207	1991.07.26 08:15:00	0:15:00		2,146.40	536.60	0.00	0.00	6,532.00
207	1991.07.26 08:30:00	0:15:00		955.52	238.88	0.00	0.00	7,722.88
207	1991.07.26 08:45:00	0:15:00		1.98	0.50	0.00	0.00	8,676.42
207	1991.07.26 09:00:00	0:15:00		4.70	1.18	0.00	0.00	8,673.70
207	1991.07.26 09:15:00	0:15:00		11.63	2.91	0.00	0.00	8,666.77
207	1991.07.26 09:30:00	0:15:00		16.09	4.02	0.00	0.00	8,662.31
207	1991.07.26 09:45:00	0:15:00		37.12	9.28	0.00	0.00	8,641.28
207	1991.07.26 10:00:00	0:15:00		73.25	18.31	0.00	0.00	8,605.15
207	1991.07.26 10:15:00	0:15:00		110.62	27.66	0.00	0.00	8,567.78
207	1991.07.26 10:30:00	0:15:00		138.84	34.71	0.00	0.00	8,539.56
207	1991.07.26 10:45:00	0:15:00		169.52	42.38	0.00	0.00	8,508.88
207	1991.07.26 11:00:00	0:15:00		192.05	48.01	0.00	0.00	8,486.36
207	1991.07.26 11:15:00	0:15:00		217.78	54.45	0.00	0.00	8,460.62
207	1991.07.26 11:30:00	0:15:00		231.15	57.79	0.00	0.00	8,447.25
207	1991.07.26 11:45:00	0:15:00		252.68	63.17	0.00	0.00	8,425.72

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
207	1991.07.26 12:00:00	0:15:00		256.39	64.10	0.00	8,422.01	2,105.50
207	1991.07.26 12:15:00	0:15:00		273.22	68.31	0.00	8,405.18	2,101.30
207	1991.07.26 12:30:00	0:15:00		273.47	68.37	0.00	8,404.93	2,101.23
207	1991.07.26 12:45:00	0:15:00		290.30	72.57	0.00	8,388.11	2,097.03
207	1991.07.26 13:00:00	0:15:00		288.07	72.02	0.00	8,390.33	2,097.58
207	1991.07.26 13:15:00	0:15:00		303.16	75.79	0.00	8,375.24	2,093.81
207	1991.07.26 13:30:00	0:15:00		301.93	75.48	0.00	8,376.47	2,094.12
207	1991.07.26 13:45:00	0:15:00		315.04	78.76	0.00	8,363.36	2,090.84
207	1991.07.26 14:00:00	0:15:00		374.69	93.67	0.00	8,303.72	2,075.93
207	1991.07.26 14:15:00	0:15:00		461.80	115.45	0.00	8,216.60	2,054.15
207	1991.07.26 14:30:00	0:15:00		549.65	137.41	0.00	8,128.75	2,032.19
207	1991.07.26 14:45:00	0:15:00		673.89	168.47	0.00	8,004.51	2,001.13
207	1991.07.26 15:00:00	0:15:00		789.22	197.30	0.00	7,889.19	1,972.30
207	1991.07.26 15:15:00	0:15:00		931.02	232.76	0.00	7,747.38	1,936.85
207	1991.07.26 15:30:00	0:15:00		1,057.24	264.31	0.00	7,621.16	1,905.29
207	1991.07.26 15:45:00	0:15:00		1,213.65	303.41	0.00	7,464.76	1,866.19
207	1991.07.26 16:00:00	0:15:00		1,388.61	347.15	0.00	7,289.79	1,822.45
207	1991.07.26 16:15:00	0:15:00		1,598.48	399.62	0.00	7,079.92	1,769.98
207	1991.07.26 16:30:00	0:15:00		1,824.43	456.11	0.00	6,853.97	1,713.49
207	1991.07.26 16:45:00	0:15:00		2,063.49	515.87	0.00	6,614.91	1,653.73
207	1991.07.26 17:00:00	0:15:00		2,314.19	578.55	0.00	6,364.21	1,591.05
207	1991.07.26 17:15:00	0:15:00		2,561.18	640.29	0.00	6,117.22	1,529.31
207	1991.07.26 17:30:00	0:15:00		2,863.60	715.90	0.00	5,814.80	1,453.70
207	1991.07.26 17:45:00	0:15:00		3,278.62	819.66	0.00	5,399.78	1,349.95
207	1991.07.26 18:00:00	0:15:00		3,720.38	930.09	0.00	4,958.03	1,239.51
207	1991.07.26 18:15:00	0:15:00		4,281.41	1,070.35	0.00	4,396.99	1,099.25
207	1991.07.26 18:30:00	0:15:00		4,951.84	1,237.96	0.00	3,726.56	931.64
207	1991.07.26 18:45:00	0:15:00		5,764.81	1,441.20	0.00	2,913.59	728.40
207	1991.07.26 19:00:00	0:15:00		6,812.64	1,703.16	0.00	1,865.76	466.44
207	1991.07.26 19:15:00	0:12:36		7,683.03	1,613.44	0.00	995.37	209.03
207	1991.07.26 19:25:12	0:05:24		7,909.23	711.83	0.00	769.17	69.23
214	1991.08.02 07:12:36	0:01:12		6,724.05	134.48	0.00	1,954.35	39.09
214	1991.08.02 07:15:00	0:09:00		6,802.25	1,020.34	0.00	1,876.15	281.42
214	1991.08.02 07:30:00	0:15:00		7,336.31	1,834.08	0.00	1,342.09	335.52
214	1991.08.02 07:45:00	0:15:00		5,699.97	1,424.99	0.00	2,978.43	744.61
214	1991.08.02 08:00:00	0:15:00		4,112.14	1,028.03	0.00	4,566.26	1,141.57
214	1991.08.02 08:15:00	0:15:00		2,596.57	649.14	0.00	6,081.83	1,520.46
214	1991.08.02 08:30:00	0:15:00		1,299.03	324.76	0.00	7,379.38	1,844.84
214	1991.08.02 08:45:00	0:15:00		212.83	53.21	0.00	8,465.57	2,116.39
214	1991.08.02 09:00:00	0:15:00		12.62	3.16	0.00	8,665.78	2,166.45
214	1991.08.02 09:15:00	0:15:00		16.09	4.02	0.00	8,662.31	2,165.58
214	1991.08.02 09:30:00	0:15:00		49.25	12.31	0.00	8,629.15	2,157.29
214	1991.08.02 09:45:00	0:15:00		94.79	23.70	0.00	8,583.62	2,145.90
214	1991.08.02 10:00:00	0:15:00		131.66	32.92	0.00	8,546.74	2,136.69
214	1991.08.02 10:15:00	0:15:00		168.53	42.13	0.00	8,509.87	2,127.47
214	1991.08.02 10:30:00	0:15:00		196.75	49.19	0.00	8,481.65	2,120.41
214	1991.08.02 10:45:00	0:15:00		226.45	56.61	0.00	8,451.96	2,112.99
214	1991.08.02 11:00:00	0:15:00		249.46	62.37	0.00	8,428.94	2,107.24
214	1991.08.02 11:15:00	0:15:00		274.70	68.68	0.00	8,403.70	2,100.92
214	1991.08.02 11:30:00	0:15:00		286.34	71.58	0.00	8,392.07	2,098.02
214	1991.08.02 11:45:00	0:15:00		305.14	76.29	0.00	8,373.26	2,093.31
214	1991.08.02 12:00:00	0:15:00		308.11	77.03	0.00	8,370.29	2,092.57
214	1991.08.02 12:15:00	0:15:00		324.20	81.05	0.00	8,354.20	2,088.55
214	1991.08.02 12:30:00	0:15:00		325.68	81.42	0.00	8,352.72	2,088.18
214	1991.08.02 12:45:00	0:15:00		339.54	84.89	0.00	8,338.86	2,084.71
214	1991.08.02 13:00:00	0:15:00		338.31	84.58	0.00	8,340.09	2,085.02
214	1991.08.02 13:15:00	0:15:00		352.91	88.23	0.00	8,325.49	2,081.37

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
214	1991.08.02 13:30:00	0:15:00		353.90	88.47	0.00	0.00	8,324.50
214	1991.08.02 13:45:00	0:15:00		367.01	91.75	0.00	0.00	8,311.39
214	1991.08.02 14:00:00	0:15:00		434.82	108.71	0.00	0.00	8,243.58
214	1991.08.02 14:15:00	0:15:00		520.70	130.18	0.00	0.00	8,157.70
214	1991.08.02 14:30:00	0:15:00		616.23	154.06	0.00	0.00	8,062.17
214	1991.08.02 14:45:00	0:15:00		749.12	187.28	0.00	0.00	7,929.28
214	1991.08.02 15:00:00	0:15:00		870.88	217.72	0.00	0.00	7,807.52
214	1991.08.02 15:15:00	0:15:00		1,003.04	250.76	0.00	0.00	7,675.36
214	1991.08.02 15:30:00	0:15:00		1,145.59	286.40	0.00	0.00	7,532.81
214	1991.08.02 15:45:00	0:15:00		1,303.48	325.87	0.00	0.00	7,374.92
214	1991.08.02 16:00:00	0:15:00		1,478.94	369.74	0.00	0.00	7,199.46
214	1991.08.02 16:15:00	0:15:00		1,678.41	419.60	0.00	0.00	6,999.99
214	1991.08.02 16:30:00	0:15:00		1,903.37	475.84	0.00	0.00	6,775.03
214	1991.08.02 16:45:00	0:15:00		2,159.76	539.94	0.00	0.00	6,518.64
214	1991.08.02 17:00:00	0:15:00		2,430.51	607.63	0.00	0.00	6,247.89
214	1991.08.02 17:15:00	0:15:00		2,699.02	674.76	0.00	0.00	5,979.38
214	1991.08.02 17:30:00	0:15:00		3,005.65	751.41	0.00	0.00	5,672.75
214	1991.08.02 17:45:00	0:15:00		3,422.16	855.54	0.00	0.00	5,256.24
214	1991.08.02 18:00:00	0:15:00		3,930.98	982.75	0.00	0.00	4,747.42
214	1991.08.02 18:15:00	0:15:00		4,562.80	1,140.70	0.00	0.00	4,115.60
214	1991.08.02 18:30:00	0:15:00		5,330.48	1,332.62	0.00	0.00	3,347.92
214	1991.08.02 18:45:00	0:15:00		6,284.27	1,571.07	0.00	0.00	2,394.13
214	1991.08.02 19:00:00	0:15:00		7,499.90	1,874.97	0.00	0.00	1,178.50
214	1991.08.02 19:15:00	0:09:00		7,686.00	1,152.90	0.00	0.00	992.40
214	1991.08.02 19:18:36	0:01:48		7,663.98	229.92	0.00	0.00	1,014.42
221	1991.08.09 07:19:12	0:05:24		7,323.44	659.11	0.00	0.00	1,354.96
221	1991.08.09 07:30:00	0:12:36		7,711.99	1,619.52	0.00	0.00	966.41
221	1991.08.09 07:45:00	0:15:00		6,806.46	1,701.61	0.00	0.00	1,871.94
221	1991.08.09 08:00:00	0:15:00		4,837.01	1,209.25	0.00	0.00	3,841.39
221	1991.08.09 08:15:00	0:15:00		3,103.65	775.91	0.00	0.00	5,574.75
221	1991.08.09 08:30:00	0:15:00		1,707.37	426.84	0.00	0.00	6,971.03
221	1991.08.09 08:45:00	0:15:00		542.97	135.74	0.00	0.00	8,135.43
221	1991.08.09 09:00:00	0:15:00		29.95	7.49	0.00	0.00	8,648.46
221	1991.08.09 09:15:00	0:15:00		73.50	18.38	0.00	0.00	8,604.90
221	1991.08.09 09:30:00	0:15:00		122.50	30.63	0.00	0.00	8,555.90
221	1991.08.09 09:45:00	0:15:00		167.54	41.89	0.00	0.00	8,510.86
221	1991.08.09 10:00:00	0:15:00		203.18	50.80	0.00	0.00	8,475.22
221	1991.08.09 10:15:00	0:15:00		238.32	59.58	0.00	0.00	8,440.08
221	1991.08.09 10:30:00	0:15:00		263.81	65.95	0.00	0.00	8,414.59
221	1991.08.09 10:45:00	0:15:00		294.25	73.56	0.00	0.00	8,384.15
221	1991.08.09 11:00:00	0:15:00		312.82	78.20	0.00	0.00	8,365.59
221	1991.08.09 11:15:00	0:15:00		336.57	84.14	0.00	0.00	8,341.83
221	1991.08.09 11:30:00	0:15:00		347.46	86.87	0.00	0.00	8,330.94
221	1991.08.09 11:45:00	0:15:00		363.30	90.83	0.00	0.00	8,315.10
221	1991.08.09 12:00:00	0:15:00		365.78	91.44	0.00	0.00	8,312.62
221	1991.08.09 12:15:00	0:15:00		380.38	95.09	0.00	0.00	8,298.02
221	1991.08.09 12:30:00	0:15:00		381.12	95.28	0.00	0.00	8,297.28
221	1991.08.09 12:45:00	0:15:00		396.96	99.24	0.00	0.00	8,281.44
221	1991.08.09 13:00:00	0:15:00		394.98	98.75	0.00	0.00	8,283.42
221	1991.08.09 13:15:00	0:15:00		407.60	101.90	0.00	0.00	8,270.80
221	1991.08.09 13:30:00	0:15:00		410.82	102.70	0.00	0.00	8,267.58
221	1991.08.09 13:45:00	0:15:00		436.56	109.14	0.00	0.00	8,241.85
221	1991.08.09 14:00:00	0:15:00		509.56	127.39	0.00	0.00	8,168.84
221	1991.08.09 14:15:00	0:15:00		596.18	149.05	0.00	0.00	8,082.22
221	1991.08.09 14:30:00	0:15:00		700.37	175.09	0.00	0.00	7,978.03
221	1991.08.09 14:45:00	0:15:00		832.53	208.13	0.00	0.00	7,845.88
221	1991.08.09 15:00:00	0:15:00		963.44	240.86	0.00	0.00	7,714.96

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
221	1991.08.09 15:15:00	0:15:00	1,102.28	275.57	0.00	0.00	7,576.12	1,894.03
221	1991.08.09 15:30:00	0:15:00	1,245.82	311.45	0.00	0.00	7,432.58	1,858.15
221	1991.08.09 15:45:00	0:15:00	1,410.89	352.72	0.00	0.00	7,267.51	1,816.88
221	1991.08.09 16:00:00	0:15:00	1,595.01	398.75	0.00	0.00	7,083.39	1,770.85
221	1991.08.09 16:15:00	0:15:00	1,806.61	451.65	0.00	0.00	6,871.79	1,717.95
221	1991.08.09 16:30:00	0:15:00	2,026.37	506.59	0.00	0.00	6,652.03	1,663.01
221	1991.08.09 16:45:00	0:15:00	2,288.45	572.11	0.00	0.00	6,389.95	1,597.49
221	1991.08.09 17:00:00	0:15:00	2,574.79	643.70	0.00	0.00	6,103.61	1,525.90
221	1991.08.09 17:15:00	0:15:00	2,864.34	716.09	0.00	0.00	5,814.06	1,453.52
221	1991.08.09 17:30:00	0:15:00	3,223.43	805.86	0.00	0.00	5,454.97	1,363.74
221	1991.08.09 17:45:00	0:15:00	3,625.84	906.46	0.00	0.00	5,052.56	1,263.14
221	1991.08.09 18:00:00	0:15:00	4,215.34	1,053.83	0.00	0.00	4,463.06	1,115.77
221	1991.08.09 18:15:00	0:15:00	4,929.32	1,232.33	0.00	0.00	3,749.08	937.27
221	1991.08.09 18:30:00	0:15:00	5,853.41	1,463.35	0.00	0.00	2,824.99	706.25
221	1991.08.09 18:45:00	0:20:24	7,017.56	2,385.97	0.00	0.00	1,660.84	564.69
221	1991.08.09 19:10:48	0:12:36	7,852.31	1,648.99	0.00	0.00	826.09	173.48
228	1991.08.16 07:25:12	0:02:24	7,976.30	319.05	0.00	0.00	702.10	28.08
228	1991.08.16 07:30:00	0:10:12	8,131.47	1,382.35	0.00	0.00	546.93	92.98
228	1991.08.16 07:45:00	0:15:00	8,184.18	2,046.05	0.00	0.00	494.22	123.56
228	1991.08.16 08:00:00	0:15:00	5,600.73	1,400.18	0.00	0.00	3,077.67	769.42
228	1991.08.16 08:15:00	0:15:00	3,708.00	927.00	0.00	0.00	4,970.40	1,242.60
228	1991.08.16 08:30:00	0:15:00	2,190.95	547.74	0.00	0.00	6,487.46	1,621.86
228	1991.08.16 08:45:00	0:15:00	976.56	244.14	0.00	0.00	7,701.84	1,925.46
228	1991.08.16 09:00:00	0:15:00	155.42	38.85	0.00	0.00	8,522.98	2,130.75
228	1991.08.16 09:15:00	0:15:00	163.83	40.96	0.00	0.00	8,514.57	2,128.64
228	1991.08.16 09:30:00	0:15:00	209.62	52.40	0.00	0.00	8,468.78	2,117.20
228	1991.08.16 09:45:00	0:15:00	252.68	63.17	0.00	0.00	8,425.72	2,106.43
228	1991.08.16 10:00:00	0:15:00	282.13	70.53	0.00	0.00	8,396.27	2,099.07
228	1991.08.16 10:15:00	0:15:00	312.57	78.14	0.00	0.00	8,365.83	2,091.46
228	1991.08.16 10:30:00	0:15:00	337.07	84.27	0.00	0.00	8,341.33	2,085.33
228	1991.08.16 10:45:00	0:15:00	367.26	91.82	0.00	0.00	8,311.14	2,077.79
228	1991.08.16 11:00:00	0:15:00	382.36	95.59	0.00	0.00	8,296.04	2,074.01
228	1991.08.16 11:15:00	0:15:00	404.88	101.22	0.00	0.00	8,273.52	2,068.38
228	1991.08.16 11:30:00	0:15:00	414.04	103.51	0.00	0.00	8,264.37	2,066.09
228	1991.08.16 11:45:00	0:15:00	428.39	107.10	0.00	0.00	8,250.01	2,062.50
228	1991.08.16 12:00:00	0:15:00	433.59	108.40	0.00	0.00	8,244.81	2,061.20
228	1991.08.16 12:15:00	0:15:00	445.47	111.37	0.00	0.00	8,232.94	2,058.23
228	1991.08.16 12:30:00	0:15:00	444.48	111.12	0.00	0.00	8,233.93	2,058.48
228	1991.08.16 12:45:00	0:15:00	459.32	114.83	0.00	0.00	8,219.08	2,054.77
228	1991.08.16 13:00:00	0:15:00	458.33	114.58	0.00	0.00	8,220.07	2,055.02
228	1991.08.16 13:15:00	0:15:00	470.46	117.62	0.00	0.00	8,207.94	2,051.99
228	1991.08.16 13:30:00	0:15:00	472.19	118.05	0.00	0.00	8,206.21	2,051.55
228	1991.08.16 13:45:00	0:15:00	508.57	127.14	0.00	0.00	8,169.83	2,042.46
228	1991.08.16 14:00:00	0:15:00	584.30	146.08	0.00	0.00	8,094.10	2,023.53
228	1991.08.16 14:15:00	0:15:00	673.40	168.35	0.00	0.00	8,005.01	2,001.25
228	1991.08.16 14:30:00	0:15:00	797.63	199.41	0.00	0.00	7,880.77	1,970.19
228	1991.08.16 14:45:00	0:15:00	928.55	232.14	0.00	0.00	7,749.85	1,937.46
228	1991.08.16 15:00:00	0:15:00	1,067.14	266.78	0.00	0.00	7,611.26	1,902.82
228	1991.08.16 15:15:00	0:15:00	1,210.43	302.61	0.00	0.00	7,467.97	1,866.99
228	1991.08.16 15:30:00	0:15:00	1,366.84	341.71	0.00	0.00	7,311.57	1,827.89
228	1991.08.16 15:45:00	0:15:00	1,545.76	386.44	0.00	0.00	7,132.64	1,783.16
228	1991.08.16 16:00:00	0:15:00	1,738.06	434.51	0.00	0.00	6,940.34	1,735.09
228	1991.08.16 16:15:00	0:15:00	1,962.52	490.63	0.00	0.00	6,715.88	1,678.97
228	1991.08.16 16:30:00	0:15:00	2,196.89	549.22	0.00	0.00	6,481.52	1,620.38
228	1991.08.16 16:45:00	0:15:00	2,463.67	615.92	0.00	0.00	6,214.73	1,553.68
228	1991.08.16 17:00:00	0:15:00	2,721.30	680.32	0.00	0.00	5,957.10	1,489.28
228	1991.08.16 17:15:00	0:15:00	3,046.49	761.62	0.00	0.00	5,631.92	1,407.98

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
228	1991.08.16 17:30:00	0:15:00	3,476.11	869.03	0.00	0.00	5,202.29	1,300.57
228	1991.08.16 17:45:00	0:15:00	3,954.24	988.56	0.00	0.00	4,724.16	1,181.04
228	1991.08.16 18:00:00	0:15:00	4,552.65	1,138.16	0.00	0.00	4,125.75	1,031.44
228	1991.08.16 18:15:00	0:15:00	5,418.83	1,354.71	0.00	0.00	3,259.57	814.89
228	1991.08.16 18:30:00	0:15:00	6,570.61	1,642.65	0.00	0.00	2,107.79	526.95
228	1991.08.16 18:45:00	0:16:12	8,063.91	2,177.26	0.00	0.00	614.49	165.91
228	1991.08.16 19:02:23	0:08:24	8,117.86	1,136.50	0.00	0.00	560.54	78.48
235	1991.08.23 07:31:48	0:06:36	8,627.67	949.04	0.00	0.00	50.73	5.58
235	1991.08.23 07:45:00	0:13:48	8,678.40	1,996.03	0.00	0.00	0.00	0.00
235	1991.08.23 08:00:00	0:15:00	6,559.97	1,639.99	0.00	0.00	2,118.43	529.61
235	1991.08.23 08:15:00	0:15:00	4,405.90	1,101.47	0.00	0.00	4,272.50	1,068.13
235	1991.08.23 08:30:00	0:15:00	2,809.89	702.47	0.00	0.00	5,868.51	1,467.13
235	1991.08.23 08:45:00	0:15:00	1,511.61	377.90	0.00	0.00	7,166.79	1,791.70
235	1991.08.23 09:00:00	0:15:00	455.61	113.90	0.00	0.00	8,222.79	2,055.70
235	1991.08.23 09:15:00	0:15:00	267.03	66.76	0.00	0.00	8,411.37	2,102.84
235	1991.08.23 09:30:00	0:15:00	302.67	75.67	0.00	0.00	8,375.73	2,093.93
235	1991.08.23 09:45:00	0:15:00	339.79	84.95	0.00	0.00	8,338.61	2,084.65
235	1991.08.23 10:00:00	0:15:00	365.78	91.44	0.00	0.00	8,312.62	2,078.16
235	1991.08.23 10:15:00	0:15:00	397.21	99.30	0.00	0.00	8,281.19	2,070.30
235	1991.08.23 10:30:00	0:15:00	418.49	104.62	0.00	0.00	8,259.91	2,064.98
235	1991.08.23 10:45:00	0:15:00	445.47	111.37	0.00	0.00	8,232.94	2,058.23
235	1991.08.23 11:00:00	0:15:00	460.31	115.08	0.00	0.00	8,218.09	2,054.52
235	1991.08.23 11:15:00	0:15:00	483.33	120.83	0.00	0.00	8,195.07	2,048.77
235	1991.08.23 11:30:00	0:15:00	491.25	122.81	0.00	0.00	8,187.15	2,046.79
235	1991.08.23 11:45:00	0:15:00	505.11	126.28	0.00	0.00	8,173.29	2,043.32
235	1991.08.23 12:00:00	0:15:00	506.84	126.71	0.00	0.00	8,171.56	2,042.89
235	1991.08.23 12:15:00	0:15:00	519.21	129.80	0.00	0.00	8,159.19	2,039.80
235	1991.08.23 12:30:00	0:15:00	516.99	129.25	0.00	0.00	8,161.41	2,040.35
235	1991.08.23 12:45:00	0:15:00	530.85	132.71	0.00	0.00	8,147.56	2,036.89
235	1991.08.23 13:00:00	0:15:00	528.37	132.09	0.00	0.00	8,150.03	2,037.51
235	1991.08.23 13:15:00	0:15:00	543.72	135.93	0.00	0.00	8,134.69	2,033.67
235	1991.08.23 13:30:00	0:15:00	546.93	136.73	0.00	0.00	8,131.47	2,032.87
235	1991.08.23 13:45:00	0:15:00	598.66	149.66	0.00	0.00	8,079.75	2,019.94
235	1991.08.23 14:00:00	0:15:00	675.62	168.91	0.00	0.00	8,002.78	2,000.70
235	1991.08.23 14:15:00	0:15:00	775.60	193.90	0.00	0.00	7,902.80	1,975.70
235	1991.08.23 14:30:00	0:15:00	905.53	226.38	0.00	0.00	7,772.87	1,943.22
235	1991.08.23 14:45:00	0:15:00	1,042.64	260.66	0.00	0.00	7,635.77	1,908.94
235	1991.08.23 15:00:00	0:15:00	1,184.44	296.11	0.00	0.00	7,493.96	1,873.49
235	1991.08.23 15:15:00	0:15:00	1,346.54	336.64	0.00	0.00	7,331.86	1,832.97
235	1991.08.23 15:30:00	0:15:00	1,504.68	376.17	0.00	0.00	7,173.72	1,793.43
235	1991.08.23 15:45:00	0:15:00	1,703.16	425.79	0.00	0.00	6,975.24	1,743.81
235	1991.08.23 16:00:00	0:15:00	1,913.03	478.26	0.00	0.00	6,765.38	1,691.34
235	1991.08.23 16:15:00	0:15:00	2,154.07	538.52	0.00	0.00	6,524.33	1,631.08
235	1991.08.23 16:30:00	0:15:00	2,400.81	600.20	0.00	0.00	6,277.59	1,569.40
235	1991.08.23 16:45:00	0:15:00	2,677.49	669.37	0.00	0.00	6,000.91	1,500.23
235	1991.08.23 17:00:00	0:15:00	2,962.84	740.71	0.00	0.00	5,715.56	1,428.89
235	1991.08.23 17:15:00	0:15:00	3,318.96	829.74	0.00	0.00	5,359.44	1,339.86
235	1991.08.23 17:30:00	0:15:00	3,831.25	957.81	0.00	0.00	4,847.15	1,211.79
235	1991.08.23 17:45:00	0:15:00	4,436.09	1,109.02	0.00	0.00	4,242.31	1,060.58
235	1991.08.23 18:00:00	0:15:00	5,077.06	1,269.27	0.00	0.00	3,601.34	900.33
235	1991.08.23 18:15:00	0:15:00	6,096.19	1,524.05	0.00	0.00	2,582.21	645.55
235	1991.08.23 18:30:00	0:15:00	7,567.46	1,891.87	0.00	0.00	1,110.94	277.74
235	1991.08.23 18:45:00	0:11:24	8,500.46	1,615.09	0.00	0.00	177.94	33.81
235	1991.08.23 18:52:48	0:03:36	8,386.62	503.20	0.00	0.00	291.78	17.51
242	1991.08.30 07:37:48	0:03:36	8,678.40	520.70	0.00	0.00	0.00	0.00
242	1991.08.30 07:45:00	0:11:24	8,678.40	1,648.90	0.00	0.00	0.00	0.00
242	1991.08.30 08:00:00	0:15:00	7,675.11	1,918.78	0.00	0.00	1,003.29	250.82

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
242	1991.08.30 08:15:00	0:15:00	5,302.27	1,325.57	0.00	0.00	3,376.13	844.03
242	1991.08.30 08:30:00	0:15:00	3,521.40	880.35	0.00	0.00	5,157.00	1,289.25
242	1991.08.30 08:45:00	0:15:00	2,097.89	524.47	0.00	0.00	6,580.51	1,645.13
242	1991.08.30 09:00:00	0:15:00	928.55	232.14	0.00	0.00	7,749.85	1,937.46
242	1991.08.30 09:15:00	0:15:00	400.67	100.17	0.00	0.00	8,277.73	2,069.43
242	1991.08.30 09:30:00	0:15:00	404.88	101.22	0.00	0.00	8,273.52	2,068.38
242	1991.08.30 09:45:00	0:15:00	436.80	109.20	0.00	0.00	8,241.60	2,060.40
242	1991.08.30 10:00:00	0:15:00	462.29	115.57	0.00	0.00	8,216.11	2,054.03
242	1991.08.30 10:15:00	0:15:00	491.50	122.87	0.00	0.00	8,186.90	2,046.73
242	1991.08.30 10:30:00	0:15:00	511.05	127.76	0.00	0.00	8,167.35	2,041.84
242	1991.08.30 10:45:00	0:15:00	536.04	134.01	0.00	0.00	8,142.36	2,035.59
242	1991.08.30 11:00:00	0:15:00	549.41	137.35	0.00	0.00	8,128.99	2,032.25
242	1991.08.30 11:15:00	0:15:00	569.70	142.43	0.00	0.00	8,108.70	2,027.18
242	1991.08.30 11:30:00	0:15:00	574.65	143.66	0.00	0.00	8,103.75	2,025.94
242	1991.08.30 11:45:00	0:15:00	590.24	147.56	0.00	0.00	8,088.16	2,022.04
242	1991.08.30 12:00:00	0:15:00	591.97	147.99	0.00	0.00	8,086.43	2,021.61
242	1991.08.30 12:15:00	0:15:00	601.63	150.41	0.00	0.00	8,076.78	2,019.19
242	1991.08.30 12:30:00	0:15:00	599.89	149.97	0.00	0.00	8,078.51	2,019.63
242	1991.08.30 12:45:00	0:15:00	612.02	153.01	0.00	0.00	8,066.38	2,016.60
242	1991.08.30 13:00:00	0:15:00	609.05	152.26	0.00	0.00	8,069.35	2,017.34
242	1991.08.30 13:15:00	0:15:00	625.63	156.41	0.00	0.00	8,052.77	2,013.19
242	1991.08.30 13:30:00	0:15:00	628.11	157.03	0.00	0.00	8,050.30	2,012.57
242	1991.08.30 13:45:00	0:15:00	689.73	172.43	0.00	0.00	7,988.67	1,997.17
242	1991.08.30 14:00:00	0:15:00	780.31	195.08	0.00	0.00	7,898.09	1,974.52
242	1991.08.30 14:15:00	0:15:00	895.39	223.85	0.00	0.00	7,783.02	1,945.75
242	1991.08.30 14:30:00	0:15:00	1,027.79	256.95	0.00	0.00	7,650.61	1,912.65
242	1991.08.30 14:45:00	0:15:00	1,168.85	292.21	0.00	0.00	7,509.55	1,877.39
242	1991.08.30 15:00:00	0:15:00	1,315.85	328.96	0.00	0.00	7,362.55	1,840.64
242	1991.08.30 15:15:00	0:15:00	1,480.68	370.17	0.00	0.00	7,197.72	1,799.43
242	1991.08.30 15:30:00	0:15:00	1,655.40	413.85	0.00	0.00	7,023.00	1,755.75
242	1991.08.30 15:45:00	0:15:00	1,883.82	470.96	0.00	0.00	6,794.58	1,698.65
242	1991.08.30 16:00:00	0:15:00	2,110.02	527.51	0.00	0.00	6,568.38	1,642.10
242	1991.08.30 16:15:00	0:15:00	2,369.38	592.35	0.00	0.00	6,309.02	1,577.26
242	1991.08.30 16:30:00	0:15:00	2,650.76	662.69	0.00	0.00	6,027.64	1,506.91
242	1991.08.30 16:45:00	0:15:00	2,963.33	740.83	0.00	0.00	5,715.07	1,428.77
242	1991.08.30 17:00:00	0:15:00	3,306.09	826.52	0.00	0.00	5,372.31	1,343.08
242	1991.08.30 17:15:00	0:15:00	3,773.58	943.40	0.00	0.00	4,904.82	1,226.20
242	1991.08.30 17:30:00	0:15:00	4,358.63	1,089.66	0.00	0.00	4,319.77	1,079.94
242	1991.08.30 17:45:00	0:15:00	5,105.03	1,276.26	0.00	0.00	3,573.37	893.34
242	1991.08.30 18:00:00	0:15:00	5,886.82	1,471.71	0.00	0.00	2,791.58	697.90
242	1991.08.30 18:15:00	0:15:00	7,018.55	1,754.64	0.00	0.00	1,659.85	414.96
242	1991.08.30 18:30:00	0:13:48	8,678.40	1,996.03	0.00	0.00	0.00	0.00
242	1991.08.30 18:42:36	0:06:36	8,631.38	949.45	0.00	0.00	47.02	5.17
249	1991.09.06 07:44:24	0:07:48	8,678.40	1,128.19	0.00	0.00	0.00	0.00
249	1991.09.06 08:00:00	0:15:00	8,640.78	2,160.20	0.00	0.00	37.62	9.40
249	1991.09.06 08:15:00	0:15:00	6,300.36	1,575.09	0.00	0.00	2,378.04	594.51
249	1991.09.06 08:30:00	0:15:00	4,282.90	1,070.73	0.00	0.00	4,395.50	1,098.88
249	1991.09.06 08:45:00	0:15:00	2,733.67	683.42	0.00	0.00	5,944.73	1,486.18
249	1991.09.06 09:00:00	0:15:00	1,475.23	368.81	0.00	0.00	7,203.17	1,800.79
249	1991.09.06 09:15:00	0:15:00	616.47	154.12	0.00	0.00	8,061.93	2,015.48
249	1991.09.06 09:30:00	0:15:00	519.96	129.99	0.00	0.00	8,158.44	2,039.61
249	1991.09.06 09:45:00	0:15:00	548.17	137.04	0.00	0.00	8,130.23	2,032.56
249	1991.09.06 10:00:00	0:15:00	570.69	142.67	0.00	0.00	8,107.71	2,026.93
249	1991.09.06 10:15:00	0:15:00	597.17	149.29	0.00	0.00	8,081.23	2,020.31
249	1991.09.06 10:30:00	0:15:00	613.01	153.25	0.00	0.00	8,065.39	2,016.35
249	1991.09.06 10:45:00	0:15:00	636.77	159.19	0.00	0.00	8,041.63	2,010.41
249	1991.09.06 11:00:00	0:15:00	647.66	161.91	0.00	0.00	8,030.74	2,007.69

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
249	1991.09.06 11:15:00	0:15:00	665.97	166.49	0.00	0.00	8,012.43	2,003.11
249	1991.09.06 11:30:00	0:15:00	671.17	167.79	0.00	0.00	8,007.23	2,001.81
249	1991.09.06 11:45:00	0:15:00	684.28	171.07	0.00	0.00	7,994.12	1,998.53
249	1991.09.06 12:00:00	0:15:00	682.06	170.51	0.00	0.00	7,996.34	1,999.09
249	1991.09.06 12:15:00	0:15:00	689.98	172.49	0.00	0.00	7,988.43	1,997.11
249	1991.09.06 12:30:00	0:15:00	688.74	172.19	0.00	0.00	7,989.66	1,997.42
249	1991.09.06 12:45:00	0:15:00	700.87	175.22	0.00	0.00	7,977.54	1,994.38
249	1991.09.06 13:00:00	0:15:00	697.15	174.29	0.00	0.00	7,981.25	1,995.31
249	1991.09.06 13:15:00	0:15:00	714.72	178.68	0.00	0.00	7,963.68	1,990.92
249	1991.09.06 13:30:00	0:15:00	718.44	179.61	0.00	0.00	7,959.96	1,989.99
249	1991.09.06 13:45:00	0:15:00	803.32	200.83	0.00	0.00	7,875.08	1,968.77
249	1991.09.06 14:00:00	0:15:00	892.66	223.17	0.00	0.00	7,785.74	1,946.43
249	1991.09.06 14:15:00	0:15:00	1,022.59	255.65	0.00	0.00	7,655.81	1,913.95
249	1991.09.06 14:30:00	0:15:00	1,160.68	290.17	0.00	0.00	7,517.72	1,879.43
249	1991.09.06 14:45:00	0:15:00	1,315.36	328.84	0.00	0.00	7,363.04	1,840.76
249	1991.09.06 15:00:00	0:15:00	1,469.54	367.39	0.00	0.00	7,208.86	1,802.22
249	1991.09.06 15:15:00	0:15:00	1,642.03	410.51	0.00	0.00	7,036.37	1,759.09
249	1991.09.06 15:30:00	0:15:00	1,840.76	460.19	0.00	0.00	6,837.64	1,709.41
249	1991.09.06 15:45:00	0:15:00	2,080.32	520.08	0.00	0.00	6,598.08	1,649.52
249	1991.09.06 16:00:00	0:15:00	2,341.66	585.42	0.00	0.00	6,336.74	1,584.19
249	1991.09.06 16:15:00	0:15:00	2,631.71	657.93	0.00	0.00	6,046.69	1,511.67
249	1991.09.06 16:30:00	0:15:00	2,954.18	738.54	0.00	0.00	5,724.23	1,431.06
249	1991.09.06 16:45:00	0:15:00	3,324.16	831.04	0.00	0.00	5,354.24	1,338.56
249	1991.09.06 17:00:00	0:15:00	3,757.99	939.50	0.00	0.00	4,920.41	1,230.10
249	1991.09.06 17:15:00	0:15:00	4,368.53	1,092.13	0.00	0.00	4,309.87	1,077.47
249	1991.09.06 17:30:00	0:15:00	5,107.50	1,276.88	0.00	0.00	3,570.90	892.72
249	1991.09.06 17:45:00	0:15:00	5,934.09	1,483.52	0.00	0.00	2,744.31	686.08
249	1991.09.06 18:00:00	0:15:00	6,851.25	1,712.81	0.00	0.00	1,827.15	456.79
249	1991.09.06 18:15:00	0:16:12	8,401.22	2,268.33	0.00	0.00	277.18	74.84
249	1991.09.06 18:31:48	0:08:24	8,678.40	1,214.98	0.00	0.00	0.00	0.00
256	1991.09.13 07:50:24	0:04:48	8,678.40	694.27	0.00	0.00	0.00	0.00
256	1991.09.13 08:00:00	0:12:36	8,678.40	1,822.46	0.00	0.00	0.00	0.00
256	1991.09.13 08:15:00	0:15:00	7,411.30	1,852.83	0.00	0.00	1,267.10	316.78
256	1991.09.13 08:30:00	0:15:00	5,148.34	1,287.08	0.00	0.00	3,530.06	882.52
256	1991.09.13 08:45:00	0:15:00	3,434.54	858.63	0.00	0.00	5,243.87	1,310.97
256	1991.09.13 09:00:00	0:15:00	2,059.29	514.82	0.00	0.00	6,619.12	1,654.78
256	1991.09.13 09:15:00	0:15:00	918.15	229.54	0.00	0.00	7,760.25	1,940.06
256	1991.09.13 09:30:00	0:15:00	647.66	161.91	0.00	0.00	8,030.74	2,007.69
256	1991.09.13 09:45:00	0:15:00	674.38	168.60	0.00	0.00	8,004.02	2,001.00
256	1991.09.13 10:00:00	0:15:00	691.46	172.87	0.00	0.00	7,986.94	1,996.74
256	1991.09.13 10:15:00	0:15:00	714.23	178.56	0.00	0.00	7,964.17	1,991.04
256	1991.09.13 10:30:00	0:15:00	726.60	181.65	0.00	0.00	7,951.80	1,987.95
256	1991.09.13 10:45:00	0:15:00	745.41	186.35	0.00	0.00	7,932.99	1,983.25
256	1991.09.13 11:00:00	0:15:00	755.81	188.95	0.00	0.00	7,922.60	1,980.65
256	1991.09.13 11:15:00	0:15:00	774.37	193.59	0.00	0.00	7,904.03	1,976.01
256	1991.09.13 11:30:00	0:15:00	778.57	194.64	0.00	0.00	7,899.83	1,974.96
256	1991.09.13 11:45:00	0:15:00	786.99	196.75	0.00	0.00	7,891.41	1,972.85
256	1991.09.13 12:00:00	0:15:00	782.04	195.51	0.00	0.00	7,896.36	1,974.09
256	1991.09.13 12:15:00	0:15:00	789.71	197.43	0.00	0.00	7,888.69	1,972.17
256	1991.09.13 12:30:00	0:15:00	788.23	197.06	0.00	0.00	7,890.18	1,972.54
256	1991.09.13 12:45:00	0:15:00	798.13	199.53	0.00	0.00	7,880.28	1,970.07
256	1991.09.13 13:00:00	0:15:00	795.16	198.79	0.00	0.00	7,883.25	1,970.81
256	1991.09.13 13:15:00	0:15:00	810.00	202.50	0.00	0.00	7,868.40	1,967.10
256	1991.09.13 13:30:00	0:15:00	825.84	206.46	0.00	0.00	7,852.56	1,963.14
256	1991.09.13 13:45:00	0:15:00	921.87	230.47	0.00	0.00	7,756.54	1,939.13
256	1991.09.13 14:00:00	0:15:00	1,021.85	255.46	0.00	0.00	7,656.55	1,914.14
256	1991.09.13 14:15:00	0:15:00	1,162.17	290.54	0.00	0.00	7,516.23	1,879.06

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
256	1991.09.13 14:30:00	0:15:00	1,303.73	325.93	0.00	0.00	7,374.67	1,843.67
256	1991.09.13 14:45:00	0:15:00	1,460.63	365.16	0.00	0.00	7,217.77	1,804.44
256	1991.09.13 15:00:00	0:15:00	1,632.88	408.22	0.00	0.00	7,045.52	1,761.38
256	1991.09.13 15:15:00	0:15:00	1,817.99	454.50	0.00	0.00	6,860.41	1,715.10
256	1991.09.13 15:30:00	0:15:00	2,050.87	512.72	0.00	0.00	6,627.53	1,656.88
256	1991.09.13 15:45:00	0:15:00	2,313.45	578.36	0.00	0.00	6,364.95	1,591.24
256	1991.09.13 16:00:00	0:15:00	2,604.24	651.06	0.00	0.00	6,074.16	1,518.54
256	1991.09.13 16:15:00	0:15:00	2,947.25	736.81	0.00	0.00	5,731.15	1,432.79
256	1991.09.13 16:30:00	0:15:00	3,323.66	830.92	0.00	0.00	5,354.74	1,338.68
256	1991.09.13 16:45:00	0:15:00	3,778.53	944.63	0.00	0.00	4,899.87	1,224.97
256	1991.09.13 17:00:00	0:15:00	4,383.87	1,095.97	0.00	0.00	4,294.53	1,073.63
256	1991.09.13 17:15:00	0:15:00	5,141.41	1,285.35	0.00	0.00	3,536.99	884.25
256	1991.09.13 17:30:00	0:15:00	6,054.86	1,513.72	0.00	0.00	2,623.54	655.89
256	1991.09.13 17:45:00	0:15:00	6,831.21	1,707.80	0.00	0.00	1,847.20	461.80
256	1991.09.13 18:00:00	0:15:00	7,987.44	1,996.86	0.00	0.00	690.97	172.74
256	1991.09.13 18:15:00	0:10:48	8,678.40	1,562.11	0.00	0.00	0.00	0.00
256	1991.09.13 18:21:00	0:03:00	8,678.40	433.92	0.00	0.00	0.00	0.00
263	1991.09.20 07:57:00	0:01:12	8,678.40	173.57	0.00	0.00	0.00	0.00
263	1991.09.20 08:00:00	0:09:00	8,678.40	1,301.76	0.00	0.00	0.00	0.00
263	1991.09.20 08:15:00	0:15:00	8,366.08	2,091.52	0.00	0.00	312.32	78.08
263	1991.09.20 08:30:00	0:15:00	6,094.95	1,523.74	0.00	0.00	2,583.45	645.86
263	1991.09.20 08:45:00	0:15:00	4,195.79	1,048.95	0.00	0.00	4,482.62	1,120.65
263	1991.09.20 09:00:00	0:15:00	2,669.33	667.33	0.00	0.00	6,009.08	1,502.27
263	1991.09.20 09:15:00	0:15:00	1,445.04	361.26	0.00	0.00	7,233.36	1,808.34
263	1991.09.20 09:30:00	0:15:00	786.00	196.50	0.00	0.00	7,892.40	1,973.10
263	1991.09.20 09:45:00	0:15:00	806.04	201.51	0.00	0.00	7,872.36	1,968.09
263	1991.09.20 10:00:00	0:15:00	817.68	204.42	0.00	0.00	7,860.73	1,965.18
263	1991.09.20 10:15:00	0:15:00	836.73	209.18	0.00	0.00	7,841.67	1,960.42
263	1991.09.20 10:30:00	0:15:00	844.90	211.23	0.00	0.00	7,833.50	1,958.38
263	1991.09.20 10:45:00	0:15:00	861.73	215.43	0.00	0.00	7,816.67	1,954.17
263	1991.09.20 11:00:00	0:15:00	869.15	217.29	0.00	0.00	7,809.25	1,952.31
263	1991.09.20 11:15:00	0:15:00	887.22	221.80	0.00	0.00	7,791.18	1,947.80
263	1991.09.20 11:30:00	0:15:00	891.43	222.86	0.00	0.00	7,786.98	1,946.74
263	1991.09.20 11:45:00	0:15:00	898.85	224.71	0.00	0.00	7,779.55	1,944.89
263	1991.09.20 12:00:00	0:15:00	888.46	222.11	0.00	0.00	7,789.95	1,947.49
263	1991.09.20 12:15:00	0:15:00	896.87	224.22	0.00	0.00	7,781.53	1,945.38
263	1991.09.20 12:30:00	0:15:00	892.66	223.17	0.00	0.00	7,785.74	1,946.43
263	1991.09.20 12:45:00	0:15:00	900.58	225.15	0.00	0.00	7,777.82	1,944.46
263	1991.09.20 13:00:00	0:15:00	900.09	225.02	0.00	0.00	7,778.31	1,944.58
263	1991.09.20 13:15:00	0:15:00	915.18	228.80	0.00	0.00	7,763.22	1,940.80
263	1991.09.20 13:30:00	0:15:00	949.83	237.46	0.00	0.00	7,728.57	1,932.14
263	1991.09.20 13:45:00	0:15:00	1,051.30	262.82	0.00	0.00	7,627.10	1,906.78
263	1991.09.20 14:00:00	0:15:00	1,168.36	292.09	0.00	0.00	7,510.05	1,877.51
263	1991.09.20 14:15:00	0:15:00	1,319.81	329.95	0.00	0.00	7,358.59	1,839.65
263	1991.09.20 14:30:00	0:15:00	1,465.58	366.40	0.00	0.00	7,212.82	1,803.21
263	1991.09.20 14:45:00	0:15:00	1,633.87	408.47	0.00	0.00	7,044.53	1,761.13
263	1991.09.20 15:00:00	0:15:00	1,809.33	452.33	0.00	0.00	6,869.07	1,717.27
263	1991.09.20 15:15:00	0:15:00	2,045.43	511.36	0.00	0.00	6,632.97	1,658.24
263	1991.09.20 15:30:00	0:15:00	2,300.58	575.15	0.00	0.00	6,377.82	1,594.46
263	1991.09.20 15:45:00	0:15:00	2,605.23	651.31	0.00	0.00	6,073.17	1,518.29
263	1991.09.20 16:00:00	0:15:00	2,929.68	732.42	0.00	0.00	5,748.73	1,437.18
263	1991.09.20 16:15:00	0:15:00	3,326.63	831.66	0.00	0.00	5,351.77	1,337.94
263	1991.09.20 16:30:00	0:15:00	3,782.99	945.75	0.00	0.00	4,895.41	1,223.85
263	1991.09.20 16:45:00	0:15:00	4,393.77	1,098.44	0.00	0.00	4,284.63	1,071.16
263	1991.09.20 17:00:00	0:15:00	5,162.94	1,290.74	0.00	0.00	3,515.46	878.87
263	1991.09.20 17:15:00	0:15:00	6,108.56	1,527.14	0.00	0.00	2,569.84	642.46
263	1991.09.20 17:30:00	0:15:00	6,875.75	1,718.94	0.00	0.00	1,802.65	450.66

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
263	1991.09.20 17:45:00	0:15:00	7,818.16	1,954.54	0.00	0.00	860.24	215.06
263	1991.09.20 18:00:00	0:12:36	8,678.40	1,822.46	0.00	0.00	0.00	0.00
263	1991.09.20 18:09:36	0:04:48	8,678.40	694.27	0.00	0.00	0.00	0.00
270	1991.09.27 08:03:00	0:06:00	8,678.40	867.84	0.00	0.00	0.00	0.00
270	1991.09.27 08:15:00	0:13:12	8,678.40	1,909.25	0.00	0.00	0.00	0.00
270	1991.09.27 08:30:00	0:15:00	7,199.21	1,799.80	0.00	0.00	1,479.19	369.80
270	1991.09.27 08:45:00	0:15:00	5,044.40	1,261.10	0.00	0.00	3,634.00	908.50
270	1991.09.27 09:00:00	0:15:00	3,407.31	851.83	0.00	0.00	5,271.09	1,317.77
270	1991.09.27 09:15:00	0:15:00	2,028.60	507.15	0.00	0.00	6,649.80	1,662.45
270	1991.09.27 09:30:00	0:15:00	1,063.18	265.79	0.00	0.00	7,615.22	1,903.81
270	1991.09.27 09:45:00	0:15:00	944.14	236.04	0.00	0.00	7,734.26	1,933.57
270	1991.09.27 10:00:00	0:15:00	949.34	237.33	0.00	0.00	7,729.07	1,932.27
270	1991.09.27 10:15:00	0:15:00	963.19	240.80	0.00	0.00	7,715.21	1,928.80
270	1991.09.27 10:30:00	0:15:00	966.91	241.73	0.00	0.00	7,711.49	1,927.87
270	1991.09.27 10:45:00	0:15:00	980.02	245.01	0.00	0.00	7,698.38	1,924.59
270	1991.09.27 11:00:00	0:15:00	989.92	247.48	0.00	0.00	7,688.48	1,922.12
270	1991.09.27 11:15:00	0:15:00	1,007.74	251.94	0.00	0.00	7,670.66	1,917.67
270	1991.09.27 11:30:00	0:15:00	1,007.49	251.87	0.00	0.00	7,670.91	1,917.73
270	1991.09.27 11:45:00	0:15:00	1,008.48	252.12	0.00	0.00	7,669.92	1,917.48
270	1991.09.27 12:00:00	0:15:00	1,001.31	250.33	0.00	0.00	7,677.09	1,919.27
270	1991.09.27 12:15:00	0:15:00	1,007.25	251.81	0.00	0.00	7,671.15	1,917.79
270	1991.09.27 12:30:00	0:15:00	1,001.55	250.39	0.00	0.00	7,676.85	1,919.21
270	1991.09.27 12:45:00	0:15:00	1,009.97	252.49	0.00	0.00	7,668.43	1,917.11
270	1991.09.27 13:00:00	0:15:00	1,008.24	252.06	0.00	0.00	7,670.17	1,917.54
270	1991.09.27 13:15:00	0:15:00	1,023.09	255.77	0.00	0.00	7,655.32	1,913.83
270	1991.09.27 13:30:00	0:15:00	1,080.75	270.19	0.00	0.00	7,597.65	1,899.41
270	1991.09.27 13:45:00	0:15:00	1,183.70	295.93	0.00	0.00	7,494.70	1,873.68
270	1991.09.27 14:00:00	0:15:00	1,316.60	329.15	0.00	0.00	7,361.80	1,840.45
270	1991.09.27 14:15:00	0:15:00	1,472.26	368.07	0.00	0.00	7,206.14	1,801.54
270	1991.09.27 14:30:00	0:15:00	1,627.68	406.92	0.00	0.00	7,050.72	1,762.68
270	1991.09.27 14:45:00	0:15:00	1,808.59	452.15	0.00	0.00	6,869.81	1,717.45
270	1991.09.27 15:00:00	0:15:00	2,018.95	504.74	0.00	0.00	6,659.45	1,664.86
270	1991.09.27 15:15:00	0:15:00	2,290.43	572.61	0.00	0.00	6,387.97	1,596.99
270	1991.09.27 15:30:00	0:15:00	2,590.38	647.60	0.00	0.00	6,088.02	1,522.01
270	1991.09.27 15:45:00	0:15:00	2,927.45	731.86	0.00	0.00	5,750.95	1,437.74
270	1991.09.27 16:00:00	0:15:00	3,311.79	827.95	0.00	0.00	5,366.62	1,341.65
270	1991.09.27 16:15:00	0:15:00	3,787.44	946.86	0.00	0.00	4,890.96	1,222.74
270	1991.09.27 16:30:00	0:15:00	4,374.47	1,093.62	0.00	0.00	4,303.93	1,075.98
270	1991.09.27 16:45:00	0:15:00	5,165.91	1,291.48	0.00	0.00	3,512.49	878.12
270	1991.09.27 17:00:00	0:15:00	6,108.81	1,527.20	0.00	0.00	2,569.59	642.40
270	1991.09.27 17:15:00	0:15:00	7,020.78	1,755.19	0.00	0.00	1,657.63	414.41
270	1991.09.27 17:30:00	0:15:00	7,756.78	1,939.20	0.00	0.00	921.62	230.40
270	1991.09.27 17:45:00	0:13:48	8,669.49	1,993.98	0.00	0.00	8.91	2.05
270	1991.09.27 17:58:11	0:06:36	8,678.40	954.62	0.00	0.00	0.00	0.00
277	1991.10.04 08:09:36	0:02:24	8,678.40	347.14	0.00	0.00	0.00	0.00
277	1991.10.04 08:15:00	0:10:12	8,678.40	1,475.33	0.00	0.00	0.00	0.00
277	1991.10.04 08:30:00	0:15:00	8,379.20	2,094.80	0.00	0.00	299.20	74.80
277	1991.10.04 08:45:00	0:15:00	6,058.32	1,514.58	0.00	0.00	2,620.08	655.02
277	1991.10.04 09:00:00	0:15:00	4,215.09	1,053.77	0.00	0.00	4,463.31	1,115.83
277	1991.10.04 09:15:00	0:15:00	2,755.45	688.86	0.00	0.00	5,922.95	1,480.74
277	1991.10.04 09:30:00	0:15:00	1,508.89	377.22	0.00	0.00	7,169.51	1,792.38
277	1991.10.04 09:45:00	0:15:00	1,128.51	282.13	0.00	0.00	7,549.89	1,887.47
277	1991.10.04 10:00:00	0:15:00	1,104.75	276.19	0.00	0.00	7,573.65	1,893.41
277	1991.10.04 10:15:00	0:15:00	1,104.75	276.19	0.00	0.00	7,573.65	1,893.41
277	1991.10.04 10:30:00	0:15:00	1,096.83	274.21	0.00	0.00	7,581.57	1,895.39
277	1991.10.04 10:45:00	0:15:00	1,109.46	277.36	0.00	0.00	7,568.95	1,892.24
277	1991.10.04 11:00:00	0:15:00	1,113.42	278.35	0.00	0.00	7,564.99	1,891.25

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
277	1991.10.04 11:15:00	0:15:00	1,128.51	282.13	0.00	0.00	7,549.89	1,887.47
277	1991.10.04 11:30:00	0:15:00	1,128.02	282.00	0.00	0.00	7,550.38	1,887.60
277	1991.10.04 11:45:00	0:15:00	1,128.51	282.13	0.00	0.00	7,549.89	1,887.47
277	1991.10.04 12:00:00	0:15:00	1,116.39	279.10	0.00	0.00	7,562.02	1,890.50
277	1991.10.04 12:15:00	0:15:00	1,119.60	279.90	0.00	0.00	7,558.80	1,889.70
277	1991.10.04 12:30:00	0:15:00	1,112.67	278.17	0.00	0.00	7,565.73	1,891.43
277	1991.10.04 12:45:00	0:15:00	1,118.61	279.65	0.00	0.00	7,559.79	1,889.95
277	1991.10.04 13:00:00	0:15:00	1,121.58	280.40	0.00	0.00	7,556.82	1,889.21
277	1991.10.04 13:15:00	0:15:00	1,134.45	283.61	0.00	0.00	7,543.95	1,885.99
277	1991.10.04 13:30:00	0:15:00	1,217.60	304.40	0.00	0.00	7,460.80	1,865.20
277	1991.10.04 13:45:00	0:15:00	1,332.68	333.17	0.00	0.00	7,345.72	1,836.43
277	1991.10.04 14:00:00	0:15:00	1,472.51	368.13	0.00	0.00	7,205.89	1,801.47
277	1991.10.04 14:15:00	0:15:00	1,637.33	409.33	0.00	0.00	7,041.07	1,760.27
277	1991.10.04 14:30:00	0:15:00	1,797.20	449.30	0.00	0.00	6,881.20	1,720.30
277	1991.10.04 14:45:00	0:15:00	1,991.97	497.99	0.00	0.00	6,686.43	1,671.61
277	1991.10.04 15:00:00	0:15:00	2,238.21	559.55	0.00	0.00	6,440.19	1,610.05
277	1991.10.04 15:15:00	0:15:00	2,543.11	635.78	0.00	0.00	6,135.29	1,533.82
277	1991.10.04 15:30:00	0:15:00	2,869.29	717.32	0.00	0.00	5,809.11	1,452.28
277	1991.10.04 15:45:00	0:15:00	3,244.97	811.24	0.00	0.00	5,433.44	1,358.36
277	1991.10.04 16:00:00	0:15:00	3,742.65	935.66	0.00	0.00	4,935.75	1,233.94
277	1991.10.04 16:15:00	0:15:00	4,351.70	1,087.92	0.00	0.00	4,326.70	1,081.68
277	1991.10.04 16:30:00	0:15:00	5,129.28	1,282.32	0.00	0.00	3,549.12	887.28
277	1991.10.04 16:45:00	0:15:00	6,114.50	1,528.63	0.00	0.00	2,563.90	640.98
277	1991.10.04 17:00:00	0:15:00	7,195.25	1,798.81	0.00	0.00	1,483.15	370.79
277	1991.10.04 17:15:00	0:15:00	7,786.98	1,946.74	0.00	0.00	891.43	222.86
277	1991.10.04 17:30:00	0:16:12	8,529.42	2,302.94	0.00	0.00	148.98	40.23
277	1991.10.04 17:47:23	0:08:24	8,678.40	1,214.98	0.00	0.00	0.00	0.00
284	1991.10.11 08:16:11	0:07:12	8,678.40	1,041.41	0.00	0.00	0.00	0.00
284	1991.10.11 08:30:00	0:14:24	8,678.40	2,082.82	0.00	0.00	0.00	0.00
284	1991.10.11 08:45:00	0:15:00	7,154.42	1,788.60	0.00	0.00	1,523.99	381.00
284	1991.10.11 09:00:00	0:15:00	5,121.12	1,280.28	0.00	0.00	3,557.29	889.32
284	1991.10.11 09:15:00	0:15:00	3,555.55	888.89	0.00	0.00	5,122.85	1,280.71
284	1991.10.11 09:30:00	0:15:00	2,197.88	549.47	0.00	0.00	6,480.53	1,620.13
284	1991.10.11 09:45:00	0:15:00	1,404.21	351.05	0.00	0.00	7,274.20	1,818.55
284	1991.10.11 10:00:00	0:15:00	1,355.45	338.86	0.00	0.00	7,322.95	1,830.74
284	1991.10.11 10:15:00	0:15:00	1,330.21	332.55	0.00	0.00	7,348.19	1,837.05
284	1991.10.11 10:30:00	0:15:00	1,292.59	323.15	0.00	0.00	7,385.81	1,846.45
284	1991.10.11 10:45:00	0:15:00	1,292.34	323.09	0.00	0.00	7,386.06	1,846.51
284	1991.10.11 11:00:00	0:15:00	1,280.46	320.12	0.00	0.00	7,397.94	1,849.48
284	1991.10.11 11:15:00	0:15:00	1,287.64	321.91	0.00	0.00	7,390.76	1,847.69
284	1991.10.11 11:30:00	0:15:00	1,272.55	318.14	0.00	0.00	7,405.86	1,851.46
284	1991.10.11 11:45:00	0:15:00	1,263.88	315.97	0.00	0.00	7,414.52	1,853.63
284	1991.10.11 12:00:00	0:15:00	1,242.85	310.71	0.00	0.00	7,435.55	1,858.89
284	1991.10.11 12:15:00	0:15:00	1,240.37	310.09	0.00	0.00	7,438.03	1,859.51
284	1991.10.11 12:30:00	0:15:00	1,228.25	307.06	0.00	0.00	7,450.15	1,862.54
284	1991.10.11 12:45:00	0:15:00	1,232.95	308.24	0.00	0.00	7,445.45	1,861.36
284	1991.10.11 13:00:00	0:15:00	1,236.91	309.23	0.00	0.00	7,441.49	1,860.37
284	1991.10.11 13:15:00	0:15:00	1,262.89	315.72	0.00	0.00	7,415.51	1,853.88
284	1991.10.11 13:30:00	0:15:00	1,351.99	338.00	0.00	0.00	7,326.41	1,831.60
284	1991.10.11 13:45:00	0:15:00	1,487.11	371.78	0.00	0.00	7,191.29	1,797.82
284	1991.10.11 14:00:00	0:15:00	1,642.78	410.69	0.00	0.00	7,035.62	1,758.91
284	1991.10.11 14:15:00	0:15:00	1,818.24	454.56	0.00	0.00	6,860.16	1,715.04
284	1991.10.11 14:30:00	0:15:00	2,001.13	500.28	0.00	0.00	6,677.27	1,669.32
284	1991.10.11 14:45:00	0:15:00	2,233.26	558.32	0.00	0.00	6,445.14	1,611.28
284	1991.10.11 15:00:00	0:15:00	2,520.84	630.21	0.00	0.00	6,157.56	1,539.39
284	1991.10.11 15:15:00	0:15:00	2,858.15	714.54	0.00	0.00	5,820.25	1,455.06
284	1991.10.11 15:30:00	0:15:00	3,201.90	800.48	0.00	0.00	5,476.50	1,369.12

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
284	1991.10.11 15:45:00	0:15:00	3,682.51	920.63	0.00	0.00	4,995.89	1,248.97
284	1991.10.11 16:00:00	0:15:00	4,282.65	1,070.66	0.00	0.00	4,395.75	1,098.94
284	1991.10.11 16:15:00	0:15:00	5,076.57	1,269.14	0.00	0.00	3,601.83	900.46
284	1991.10.11 16:30:00	0:15:00	6,009.82	1,502.45	0.00	0.00	2,668.58	667.15
284	1991.10.11 16:45:00	0:15:00	7,221.24	1,805.31	0.00	0.00	1,457.17	364.29
284	1991.10.11 17:00:00	0:15:00	7,855.28	1,963.82	0.00	0.00	823.12	205.78
284	1991.10.11 17:15:00	0:15:00	8,431.66	2,107.92	0.00	0.00	246.74	61.69
284	1991.10.11 17:30:00	0:11:24	8,678.40	1,648.90	0.00	0.00	0.00	0.00
284	1991.10.11 17:37:12	0:03:36	8,678.40	520.70	0.00	0.00	0.00	0.00
291	1991.10.18 08:22:48	0:03:36	8,678.40	520.70	0.00	0.00	0.00	0.00
291	1991.10.18 08:30:00	0:10:48	8,678.40	1,562.11	0.00	0.00	0.00	0.00
291	1991.10.18 08:45:00	0:15:00	8,212.39	2,053.10	0.00	0.00	466.01	116.50
291	1991.10.18 09:00:00	0:15:00	6,057.33	1,514.33	0.00	0.00	2,621.07	655.27
291	1991.10.18 09:15:00	0:15:00	4,373.97	1,093.49	0.00	0.00	4,304.43	1,076.11
291	1991.10.18 09:30:00	0:15:00	2,906.66	726.67	0.00	0.00	5,771.74	1,442.94
291	1991.10.18 09:45:00	0:15:00	1,742.02	435.50	0.00	0.00	6,936.39	1,734.10
291	1991.10.18 10:00:00	0:15:00	1,582.64	395.66	0.00	0.00	7,095.76	1,773.94
291	1991.10.18 10:15:00	0:15:00	1,575.96	393.99	0.00	0.00	7,102.44	1,775.61
291	1991.10.18 10:30:00	0:15:00	1,556.41	389.10	0.00	0.00	7,122.00	1,780.50
291	1991.10.18 10:45:00	0:15:00	1,538.09	384.52	0.00	0.00	7,140.31	1,785.08
291	1991.10.18 11:00:00	0:15:00	1,501.46	375.37	0.00	0.00	7,176.94	1,794.23
291	1991.10.18 11:15:00	0:15:00	1,491.57	372.89	0.00	0.00	7,186.84	1,796.71
291	1991.10.18 11:30:00	0:15:00	1,465.83	366.46	0.00	0.00	7,212.57	1,803.14
291	1991.10.18 11:45:00	0:15:00	1,452.46	363.12	0.00	0.00	7,225.94	1,806.48
291	1991.10.18 12:00:00	0:15:00	1,426.23	356.56	0.00	0.00	7,252.17	1,813.04
291	1991.10.18 12:15:00	0:15:00	1,423.76	355.94	0.00	0.00	7,254.65	1,813.66
291	1991.10.18 12:30:00	0:15:00	1,404.45	351.11	0.00	0.00	7,273.95	1,818.49
291	1991.10.18 12:45:00	0:15:00	1,407.42	351.86	0.00	0.00	7,270.98	1,817.75
291	1991.10.18 13:00:00	0:15:00	1,397.77	349.44	0.00	0.00	7,280.63	1,820.16
291	1991.10.18 13:15:00	0:15:00	1,436.63	359.16	0.00	0.00	7,241.78	1,810.44
291	1991.10.18 13:30:00	0:15:00	1,517.55	379.39	0.00	0.00	7,160.85	1,790.21
291	1991.10.18 13:45:00	0:15:00	1,681.14	420.28	0.00	0.00	6,997.27	1,749.32
291	1991.10.18 14:00:00	0:15:00	1,853.88	463.47	0.00	0.00	6,824.52	1,706.13
291	1991.10.18 14:15:00	0:15:00	2,059.78	514.95	0.00	0.00	6,618.62	1,654.66
291	1991.10.18 14:30:00	0:15:00	2,278.55	569.64	0.00	0.00	6,399.85	1,599.96
291	1991.10.18 14:45:00	0:15:00	2,550.04	637.51	0.00	0.00	6,128.36	1,532.09
291	1991.10.18 15:00:00	0:15:00	2,873.50	718.37	0.00	0.00	5,804.90	1,451.23
291	1991.10.18 15:15:00	0:15:00	3,189.03	797.26	0.00	0.00	5,489.37	1,372.34
291	1991.10.18 15:30:00	0:15:00	3,598.62	899.65	0.00	0.00	5,079.79	1,269.95
291	1991.10.18 15:45:00	0:15:00	4,201.73	1,050.43	0.00	0.00	4,476.68	1,119.17
291	1991.10.18 16:00:00	0:15:00	4,928.33	1,232.08	0.00	0.00	3,750.07	937.52
291	1991.10.18 16:15:00	0:15:00	5,859.10	1,464.78	0.00	0.00	2,819.30	704.83
291	1991.10.18 16:30:00	0:15:00	6,993.80	1,748.45	0.00	0.00	1,684.60	421.15
291	1991.10.18 16:45:00	0:15:00	8,005.01	2,001.25	0.00	0.00	673.40	168.35
291	1991.10.18 17:00:00	0:15:00	8,437.60	2,109.40	0.00	0.00	240.80	60.20
291	1991.10.18 17:15:00	0:13:12	8,678.40	1,909.25	0.00	0.00	0.00	0.00
291	1991.10.18 17:27:00	0:06:00	8,678.40	867.84	0.00	0.00	0.00	0.00
298	1991.10.25 07:30:00	0:07:48	8,678.40	1,128.19	0.00	0.00	0.00	0.00
298	1991.10.25 07:45:00	0:15:00	8,678.40	2,169.60	0.00	0.00	0.00	0.00
298	1991.10.25 08:00:00	0:15:00	6,991.82	1,747.96	0.00	0.00	1,686.58	421.65
298	1991.10.25 08:15:00	0:15:00	5,249.56	1,312.39	0.00	0.00	3,428.84	857.21
298	1991.10.25 08:30:00	0:15:00	3,720.62	930.16	0.00	0.00	4,957.78	1,239.44
298	1991.10.25 08:45:00	0:15:00	2,372.84	593.21	0.00	0.00	6,305.56	1,576.39
298	1991.10.25 09:00:00	0:15:00	1,783.35	445.84	0.00	0.00	6,895.06	1,723.76
298	1991.10.25 09:15:00	0:15:00	1,755.63	438.91	0.00	0.00	6,922.77	1,730.69
298	1991.10.25 09:30:00	0:15:00	1,733.85	433.46	0.00	0.00	6,944.55	1,736.14
298	1991.10.25 09:45:00	0:15:00	1,732.36	433.09	0.00	0.00	6,946.04	1,736.51

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
298	1991.10.25 10:00:00	0:15:00	1,717.76	429.44	0.00	0.00	6,960.64	1,740.16
298	1991.10.25 10:15:00	0:15:00	1,716.53	429.13	0.00	0.00	6,961.88	1,740.47
298	1991.10.25 10:30:00	0:15:00	1,703.41	425.85	0.00	0.00	6,974.99	1,743.75
298	1991.10.25 10:45:00	0:15:00	1,690.29	422.57	0.00	0.00	6,988.11	1,747.03
298	1991.10.25 11:00:00	0:15:00	1,656.88	414.22	0.00	0.00	7,021.52	1,755.38
298	1991.10.25 11:15:00	0:15:00	1,656.14	414.04	0.00	0.00	7,022.26	1,755.57
298	1991.10.25 11:30:00	0:15:00	1,634.61	408.65	0.00	0.00	7,043.79	1,760.95
298	1991.10.25 11:45:00	0:15:00	1,635.35	408.84	0.00	0.00	7,043.05	1,760.76
298	1991.10.25 12:00:00	0:15:00	1,604.42	401.10	0.00	0.00	7,073.98	1,768.50
298	1991.10.25 12:15:00	0:15:00	1,643.27	410.82	0.00	0.00	7,035.13	1,758.78
298	1991.10.25 12:30:00	0:15:00	1,715.29	428.82	0.00	0.00	6,963.11	1,740.78
298	1991.10.25 12:45:00	0:15:00	1,903.13	475.78	0.00	0.00	6,775.28	1,693.82
298	1991.10.25 13:00:00	0:15:00	2,094.18	523.55	0.00	0.00	6,584.22	1,646.06
298	1991.10.25 13:15:00	0:15:00	2,322.11	580.53	0.00	0.00	6,356.29	1,589.07
298	1991.10.25 13:30:00	0:15:00	2,557.46	639.37	0.00	0.00	6,120.94	1,530.23
298	1991.10.25 13:45:00	0:15:00	2,853.45	713.36	0.00	0.00	5,824.95	1,456.24
298	1991.10.25 14:00:00	0:15:00	3,156.61	789.15	0.00	0.00	5,521.79	1,380.45
298	1991.10.25 14:15:00	0:15:00	3,499.87	874.97	0.00	0.00	5,178.53	1,294.63
298	1991.10.25 14:30:00	0:15:00	4,041.61	1,010.40	0.00	0.00	4,636.80	1,159.20
298	1991.10.25 14:45:00	0:15:00	4,746.18	1,186.55	0.00	0.00	3,932.22	983.06
298	1991.10.25 15:00:00	0:15:00	5,635.87	1,408.97	0.00	0.00	3,042.53	760.63
298	1991.10.25 15:15:00	0:15:00	6,795.57	1,698.89	0.00	0.00	1,882.83	470.71
298	1991.10.25 15:30:00	0:15:00	8,091.87	2,022.97	0.00	0.00	586.53	146.63
298	1991.10.25 15:45:00	0:15:00	8,518.78	2,129.69	0.00	0.00	159.63	39.91
298	1991.10.25 16:00:00	0:15:00	8,678.40	2,169.60	0.00	0.00	0.00	0.00
298	1991.10.25 16:15:00	0:09:00	8,678.40	1,301.76	0.00	0.00	0.00	0.00
298	1991.10.25 16:18:00	0:01:48	8,678.40	260.35	0.00	0.00	0.00	0.00
305	1991.11.01 07:36:35	0:04:12	8,678.40	607.49	0.00	0.00	0.00	0.00
305	1991.11.01 07:45:00	0:11:24	8,678.40	1,648.90	0.00	0.00	0.00	0.00
305	1991.11.01 08:00:00	0:15:00	7,931.75	1,982.94	0.00	0.00	746.65	186.66
305	1991.11.01 08:15:00	0:15:00	6,070.95	1,517.74	0.00	0.00	2,607.46	651.86
305	1991.11.01 08:30:00	0:15:00	4,548.94	1,137.24	0.00	0.00	4,129.46	1,032.37
305	1991.11.01 08:45:00	0:15:00	3,222.20	805.55	0.00	0.00	5,456.20	1,364.05
305	1991.11.01 09:00:00	0:15:00	2,128.33	532.08	0.00	0.00	6,550.07	1,637.52
305	1991.11.01 09:15:00	0:15:00	2,057.80	514.45	0.00	0.00	6,620.60	1,655.15
305	1991.11.01 09:30:00	0:15:00	1,962.27	490.57	0.00	0.00	6,716.13	1,679.03
305	1991.11.01 09:45:00	0:15:00	1,906.84	476.71	0.00	0.00	6,771.56	1,692.89
305	1991.11.01 10:00:00	0:15:00	1,886.30	471.57	0.00	0.00	6,792.10	1,698.03
305	1991.11.01 10:15:00	0:15:00	1,884.32	471.08	0.00	0.00	6,794.08	1,698.52
305	1991.11.01 10:30:00	0:15:00	1,869.96	467.49	0.00	0.00	6,808.44	1,702.11
305	1991.11.01 10:45:00	0:15:00	1,869.22	467.31	0.00	0.00	6,809.18	1,702.30
305	1991.11.01 11:00:00	0:15:00	1,852.39	463.10	0.00	0.00	6,826.01	1,706.50
305	1991.11.01 11:15:00	0:15:00	1,856.85	464.21	0.00	0.00	6,821.55	1,705.39
305	1991.11.01 11:30:00	0:15:00	1,847.20	461.80	0.00	0.00	6,831.21	1,707.80
305	1991.11.01 11:45:00	0:15:00	1,840.02	460.00	0.00	0.00	6,838.38	1,709.60
305	1991.11.01 12:00:00	0:15:00	1,797.70	449.43	0.00	0.00	6,880.70	1,720.18
305	1991.11.01 12:15:00	0:15:00	1,830.86	457.72	0.00	0.00	6,847.54	1,711.89
305	1991.11.01 12:30:00	0:15:00	1,910.06	477.51	0.00	0.00	6,768.35	1,692.09
305	1991.11.01 12:45:00	0:15:00	2,121.16	530.29	0.00	0.00	6,557.25	1,639.31
305	1991.11.01 13:00:00	0:15:00	2,334.24	583.56	0.00	0.00	6,344.16	1,586.04
305	1991.11.01 13:15:00	0:15:00	2,596.07	649.02	0.00	0.00	6,082.33	1,520.58
305	1991.11.01 13:30:00	0:15:00	2,840.33	710.08	0.00	0.00	5,838.07	1,459.52
305	1991.11.01 13:45:00	0:15:00	3,124.44	781.11	0.00	0.00	5,553.96	1,388.49
305	1991.11.01 14:00:00	0:15:00	3,402.12	850.53	0.00	0.00	5,276.29	1,319.07
305	1991.11.01 14:15:00	0:15:00	3,859.21	964.80	0.00	0.00	4,819.19	1,204.80
305	1991.11.01 14:30:00	0:15:00	4,520.23	1,130.06	0.00	0.00	4,158.17	1,039.54
305	1991.11.01 14:45:00	0:15:00	5,421.56	1,355.39	0.00	0.00	3,256.84	814.21

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
305	1991.11.01 15:00:00	0:15:00	6,482.75	1,620.69	0.00	0.00	2,195.65	548.91
305	1991.11.01 15:15:00	0:15:00	7,826.08	1,956.52	0.00	0.00	852.32	213.08
305	1991.11.01 15:30:00	0:15:00	8,646.23	2,161.56	0.00	0.00	32.17	8.04
305	1991.11.01 15:45:00	0:15:00	8,678.40	2,169.60	0.00	0.00	0.00	0.00
305	1991.11.01 16:00:00	0:12:36	8,678.40	1,822.46	0.00	0.00	0.00	0.00
305	1991.11.01 16:10:12	0:05:24	8,678.40	781.06	0.00	0.00	0.00	0.00
312	1991.11.08 07:43:48	0:00:36	8,678.40	86.78	0.00	0.00	0.00	0.00
312	1991.11.08 07:45:00	0:07:48	8,678.40	1,128.19	0.00	0.00	0.00	0.00
312	1991.11.08 08:00:00	0:15:00	8,678.40	2,169.60	0.00	0.00	0.00	0.00
312	1991.11.08 08:15:00	0:15:00	6,955.44	1,738.86	0.00	0.00	1,722.96	430.74
312	1991.11.08 08:30:00	0:15:00	5,351.27	1,337.82	0.00	0.00	3,327.13	831.78
312	1991.11.08 08:45:00	0:15:00	4,035.17	1,008.79	0.00	0.00	4,643.23	1,160.81
312	1991.11.08 09:00:00	0:15:00	2,696.80	674.20	0.00	0.00	5,981.61	1,495.40
312	1991.11.08 09:15:00	0:15:00	2,450.55	612.64	0.00	0.00	6,227.85	1,556.96
312	1991.11.08 09:30:00	0:15:00	2,350.32	587.58	0.00	0.00	6,328.08	1,582.02
312	1991.11.08 09:45:00	0:15:00	2,264.94	566.24	0.00	0.00	6,413.46	1,603.37
312	1991.11.08 10:00:00	0:15:00	2,156.30	539.07	0.00	0.00	6,522.10	1,630.53
312	1991.11.08 10:15:00	0:15:00	2,105.56	526.39	0.00	0.00	6,572.84	1,643.21
312	1991.11.08 10:30:00	0:15:00	2,032.56	508.14	0.00	0.00	6,645.84	1,661.46
312	1991.11.08 10:45:00	0:15:00	2,033.05	508.26	0.00	0.00	6,645.35	1,661.34
312	1991.11.08 11:00:00	0:15:00	2,018.20	504.55	0.00	0.00	6,660.20	1,665.05
312	1991.11.08 11:15:00	0:15:00	2,029.34	507.34	0.00	0.00	6,649.06	1,662.27
312	1991.11.08 11:30:00	0:15:00	2,030.33	507.58	0.00	0.00	6,648.07	1,662.02
312	1991.11.08 11:45:00	0:15:00	2,014.00	503.50	0.00	0.00	6,664.40	1,666.10
312	1991.11.08 12:00:00	0:15:00	1,951.14	487.78	0.00	0.00	6,727.26	1,681.82
312	1991.11.08 12:15:00	0:15:00	1,975.39	493.85	0.00	0.00	6,703.01	1,675.75
312	1991.11.08 12:30:00	0:15:00	2,072.16	518.04	0.00	0.00	6,606.25	1,651.56
312	1991.11.08 12:45:00	0:15:00	2,319.14	579.79	0.00	0.00	6,359.26	1,589.82
312	1991.11.08 13:00:00	0:15:00	2,569.34	642.34	0.00	0.00	6,109.06	1,527.26
312	1991.11.08 13:15:00	0:15:00	2,823.51	705.88	0.00	0.00	5,854.90	1,463.72
312	1991.11.08 13:30:00	0:15:00	3,073.21	768.30	0.00	0.00	5,605.19	1,401.30
312	1991.11.08 13:45:00	0:15:00	3,354.85	838.71	0.00	0.00	5,323.55	1,330.89
312	1991.11.08 14:00:00	0:15:00	3,653.80	913.45	0.00	0.00	5,024.60	1,256.15
312	1991.11.08 14:15:00	0:15:00	4,318.04	1,079.51	0.00	0.00	4,360.36	1,090.09
312	1991.11.08 14:30:00	0:15:00	5,153.29	1,288.32	0.00	0.00	3,525.11	881.28
312	1991.11.08 14:45:00	0:15:00	6,184.29	1,546.07	0.00	0.00	2,494.11	623.53
312	1991.11.08 15:00:00	0:15:00	7,318.00	1,829.50	0.00	0.00	1,360.40	340.10
312	1991.11.08 15:15:00	0:15:00	8,538.82	2,134.71	0.00	0.00	139.58	34.90
312	1991.11.08 15:30:00	0:15:00	8,678.40	2,169.60	0.00	0.00	0.00	0.00
312	1991.11.08 15:45:00	0:15:00	8,678.40	2,169.60	0.00	0.00	0.00	0.00
312	1991.11.08 16:00:00	0:09:00	8,678.40	1,301.76	0.00	0.00	0.00	0.00
312	1991.11.08 16:03:00	0:01:48	8,678.40	260.35	0.00	0.00	0.00	0.00
319	1991.11.15 07:51:00	0:04:48	8,678.40	694.27	0.00	0.00	0.00	0.00
319	1991.11.15 08:00:00	0:12:00	8,678.40	1,735.68	0.00	0.00	0.00	0.00
319	1991.11.15 08:15:00	0:15:00	7,870.38	1,967.59	0.00	0.00	808.02	202.01
319	1991.11.15 08:30:00	0:15:00	6,179.84	1,544.96	0.00	0.00	2,498.56	624.64
319	1991.11.15 08:45:00	0:15:00	4,843.19	1,210.80	0.00	0.00	3,835.21	958.80
319	1991.11.15 09:00:00	0:15:00	3,518.93	879.73	0.00	0.00	5,159.47	1,289.87
319	1991.11.15 09:15:00	0:15:00	2,811.38	702.85	0.00	0.00	5,867.02	1,466.76
319	1991.11.15 09:30:00	0:15:00	2,734.66	683.67	0.00	0.00	5,943.74	1,485.94
319	1991.11.15 09:45:00	0:15:00	2,680.96	670.24	0.00	0.00	5,997.44	1,499.36
319	1991.11.15 10:00:00	0:15:00	2,569.84	642.46	0.00	0.00	6,108.56	1,527.14
319	1991.11.15 10:15:00	0:15:00	2,492.87	623.22	0.00	0.00	6,185.53	1,546.38
319	1991.11.15 10:30:00	0:15:00	2,384.97	596.24	0.00	0.00	6,293.43	1,573.36
319	1991.11.15 10:45:00	0:15:00	2,341.41	585.35	0.00	0.00	6,336.99	1,584.25
319	1991.11.15 11:00:00	0:15:00	2,276.82	569.21	0.00	0.00	6,401.58	1,600.40
319	1991.11.15 11:15:00	0:15:00	2,270.14	567.54	0.00	0.00	6,408.26	1,602.07

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
319	1991.11.15 11:30:00	0:15:00	2,234.50	558.63	0.00	0.00	6,443.90	1,610.98
319	1991.11.15 11:45:00	0:15:00	2,200.10	550.03	0.00	0.00	6,478.30	1,619.58
319	1991.11.15 12:00:00	0:15:00	2,097.15	524.29	0.00	0.00	6,581.25	1,645.31
319	1991.11.15 12:15:00	0:15:00	2,113.98	528.50	0.00	0.00	6,564.42	1,641.11
319	1991.11.15 12:30:00	0:15:00	2,217.67	554.42	0.00	0.00	6,460.73	1,615.18
319	1991.11.15 12:45:00	0:15:00	2,505.99	626.50	0.00	0.00	6,172.41	1,543.10
319	1991.11.15 13:00:00	0:15:00	2,778.46	694.62	0.00	0.00	5,899.94	1,474.98
319	1991.11.15 13:15:00	0:15:00	3,076.18	769.05	0.00	0.00	5,602.22	1,400.55
319	1991.11.15 13:30:00	0:15:00	3,362.27	840.57	0.00	0.00	5,316.13	1,329.03
319	1991.11.15 13:45:00	0:15:00	3,698.60	924.65	0.00	0.00	4,979.80	1,244.95
319	1991.11.15 14:00:00	0:15:00	4,115.35	1,028.84	0.00	0.00	4,563.05	1,140.76
319	1991.11.15 14:15:00	0:15:00	4,887.00	1,221.75	0.00	0.00	3,791.40	947.85
319	1991.11.15 14:30:00	0:15:00	5,771.00	1,442.75	0.00	0.00	2,907.40	726.85
319	1991.11.15 14:45:00	0:15:00	6,780.72	1,695.18	0.00	0.00	1,897.68	474.42
319	1991.11.15 15:00:00	0:15:00	7,883.25	1,970.81	0.00	0.00	795.16	198.79
319	1991.11.15 15:15:00	0:15:00	8,657.86	2,164.47	0.00	0.00	20.54	5.14
319	1991.11.15 15:30:00	0:15:00	8,678.40	2,169.60	0.00	0.00	0.00	0.00
319	1991.11.15 15:45:00	0:13:48	8,678.40	1,996.03	0.00	0.00	0.00	0.00
319	1991.11.15 15:57:36	0:06:36	8,678.40	954.62	0.00	0.00	0.00	0.00
326	1991.11.22 07:57:36	0:01:12	8,678.40	173.57	0.00	0.00	0.00	0.00
326	1991.11.22 08:00:00	0:09:00	8,678.40	1,301.76	0.00	0.00	0.00	0.00
326	1991.11.22 08:15:00	0:15:00	8,642.27	2,160.57	0.00	0.00	36.13	9.03
326	1991.11.22 08:30:00	0:15:00	6,974.99	1,743.75	0.00	0.00	1,703.41	425.85
326	1991.11.22 08:45:00	0:15:00	5,656.42	1,414.10	0.00	0.00	3,021.99	755.50
326	1991.11.22 09:00:00	0:15:00	4,307.40	1,076.85	0.00	0.00	4,371.00	1,092.75
326	1991.11.22 09:15:00	0:15:00	3,138.05	784.51	0.00	0.00	5,540.35	1,385.09
326	1991.11.22 09:30:00	0:15:00	3,085.34	771.34	0.00	0.00	5,593.06	1,398.27
326	1991.11.22 09:45:00	0:15:00	3,047.23	761.81	0.00	0.00	5,631.17	1,407.79
326	1991.11.22 10:00:00	0:15:00	2,947.25	736.81	0.00	0.00	5,731.15	1,432.79
326	1991.11.22 10:15:00	0:15:00	2,882.41	720.60	0.00	0.00	5,795.99	1,449.00
326	1991.11.22 10:30:00	0:15:00	2,772.28	693.07	0.00	0.00	5,906.12	1,476.53
326	1991.11.22 10:45:00	0:15:00	2,711.89	677.97	0.00	0.00	5,966.51	1,491.63
326	1991.11.22 11:00:00	0:15:00	2,625.03	656.26	0.00	0.00	6,053.37	1,513.34
326	1991.11.22 11:15:00	0:15:00	2,628.00	657.00	0.00	0.00	6,050.40	1,512.60
326	1991.11.22 11:30:00	0:15:00	2,582.95	645.74	0.00	0.00	6,095.45	1,523.86
326	1991.11.22 11:45:00	0:15:00	2,535.69	633.92	0.00	0.00	6,142.72	1,535.68
326	1991.11.22 12:00:00	0:15:00	2,395.36	598.84	0.00	0.00	6,283.04	1,570.76
326	1991.11.22 12:15:00	0:15:00	2,384.48	596.12	0.00	0.00	6,293.93	1,573.48
326	1991.11.22 12:30:00	0:15:00	2,482.48	620.62	0.00	0.00	6,195.92	1,548.98
326	1991.11.22 12:45:00	0:15:00	2,806.68	701.67	0.00	0.00	5,871.72	1,467.93
326	1991.11.22 13:00:00	0:15:00	3,091.77	772.94	0.00	0.00	5,586.63	1,396.66
326	1991.11.22 13:15:00	0:15:00	3,403.35	850.84	0.00	0.00	5,275.05	1,318.76
326	1991.11.22 13:30:00	0:15:00	3,698.10	924.53	0.00	0.00	4,980.30	1,245.08
326	1991.11.22 13:45:00	0:15:00	4,066.85	1,016.71	0.00	0.00	4,611.55	1,152.89
326	1991.11.22 14:00:00	0:15:00	4,545.48	1,136.37	0.00	0.00	4,132.93	1,033.23
326	1991.11.22 14:15:00	0:15:00	5,376.02	1,344.01	0.00	0.00	3,302.38	825.60
326	1991.11.22 14:30:00	0:15:00	6,214.73	1,553.68	0.00	0.00	2,463.67	615.92
326	1991.11.22 14:45:00	0:15:00	7,149.96	1,787.49	0.00	0.00	1,528.44	382.11
326	1991.11.22 15:00:00	0:15:00	8,206.46	2,051.61	0.00	0.00	471.95	117.99
326	1991.11.22 15:15:00	0:15:00	8,678.40	2,169.60	0.00	0.00	0.00	0.00
326	1991.11.22 15:30:00	0:15:00	8,678.40	2,169.60	0.00	0.00	0.00	0.00
326	1991.11.22 15:45:00	0:12:00	8,678.40	1,735.68	0.00	0.00	0.00	0.00
326	1991.11.22 15:54:00	0:04:48	8,678.40	694.27	0.00	0.00	0.00	0.00
333	1991.11.29 08:04:12	0:05:24	8,678.40	781.06	0.00	0.00	0.00	0.00
333	1991.11.29 08:15:00	0:12:36	8,678.40	1,822.46	0.00	0.00	0.00	0.00
333	1991.11.29 08:30:00	0:15:00	7,749.11	1,937.28	0.00	0.00	929.29	232.32
333	1991.11.29 08:45:00	0:15:00	6,353.57	1,588.39	0.00	0.00	2,324.83	581.21

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
333	1991.11.29 09:00:00	0:15:00	5,110.97	1,277.74	0.00	0.00	3,567.43	891.86
333	1991.11.29 09:15:00	0:15:00	3,821.10	955.28	0.00	0.00	4,857.30	1,214.33
333	1991.11.29 09:30:00	0:15:00	3,371.68	842.92	0.00	0.00	5,306.73	1,326.68
333	1991.11.29 09:45:00	0:15:00	3,342.23	835.56	0.00	0.00	5,336.18	1,334.04
333	1991.11.29 10:00:00	0:15:00	3,260.06	815.02	0.00	0.00	5,418.34	1,354.59
333	1991.11.29 10:15:00	0:15:00	3,211.31	802.83	0.00	0.00	5,467.09	1,366.77
333	1991.11.29 10:30:00	0:15:00	3,111.33	777.83	0.00	0.00	5,567.08	1,391.77
333	1991.11.29 10:45:00	0:15:00	3,056.63	764.16	0.00	0.00	5,621.77	1,405.44
333	1991.11.29 11:00:00	0:15:00	2,965.81	741.45	0.00	0.00	5,712.59	1,428.15
333	1991.11.29 11:15:00	0:15:00	2,973.23	743.31	0.00	0.00	5,705.17	1,426.29
333	1991.11.29 11:30:00	0:15:00	2,918.29	729.57	0.00	0.00	5,760.11	1,440.03
333	1991.11.29 11:45:00	0:15:00	2,877.46	719.36	0.00	0.00	5,800.94	1,450.24
333	1991.11.29 12:00:00	0:15:00	2,719.81	679.95	0.00	0.00	5,958.59	1,489.65
333	1991.11.29 12:15:00	0:15:00	2,667.59	666.90	0.00	0.00	6,010.81	1,502.70
333	1991.11.29 12:30:00	0:15:00	2,750.00	687.50	0.00	0.00	5,928.40	1,482.10
333	1991.11.29 12:45:00	0:15:00	3,066.28	766.57	0.00	0.00	5,612.12	1,403.03
333	1991.11.29 13:00:00	0:15:00	3,357.07	839.27	0.00	0.00	5,321.33	1,330.33
333	1991.11.29 13:15:00	0:15:00	3,673.85	918.46	0.00	0.00	5,004.55	1,251.14
333	1991.11.29 13:30:00	0:15:00	3,978.00	994.50	0.00	0.00	4,700.40	1,175.10
333	1991.11.29 13:45:00	0:15:00	4,361.35	1,090.34	0.00	0.00	4,317.05	1,079.26
333	1991.11.29 14:00:00	0:15:00	4,879.57	1,219.89	0.00	0.00	3,798.83	949.71
333	1991.11.29 14:15:00	0:15:00	5,680.67	1,420.17	0.00	0.00	2,997.73	749.43
333	1991.11.29 14:30:00	0:15:00	6,489.93	1,622.48	0.00	0.00	2,188.47	547.12
333	1991.11.29 14:45:00	0:15:00	7,406.10	1,851.53	0.00	0.00	1,272.30	318.07
333	1991.11.29 15:00:00	0:15:00	8,376.23	2,094.06	0.00	0.00	302.17	75.54
333	1991.11.29 15:15:00	0:15:00	8,678.40	2,169.60	0.00	0.00	0.00	0.00
333	1991.11.29 15:30:00	0:15:00	8,678.40	2,169.60	0.00	0.00	0.00	0.00
333	1991.11.29 15:45:00	0:10:48	8,678.40	1,562.11	0.00	0.00	0.00	0.00
333	1991.11.29 15:51:36	0:03:00	8,678.40	433.92	0.00	0.00	0.00	0.00
340	1991.12.06 08:10:12	0:02:24	8,678.40	347.14	0.00	0.00	0.00	0.00
340	1991.12.06 08:15:00	0:10:12	8,678.40	1,475.33	0.00	0.00	0.00	0.00
340	1991.12.06 08:30:00	0:15:00	8,393.55	2,098.39	0.00	0.00	284.85	71.21
340	1991.12.06 08:45:00	0:15:00	6,983.41	1,745.85	0.00	0.00	1,694.99	423.75
340	1991.12.06 09:00:00	0:15:00	5,751.70	1,437.92	0.00	0.00	2,926.71	731.68
340	1991.12.06 09:15:00	0:15:00	4,534.34	1,133.59	0.00	0.00	4,144.06	1,036.02
340	1991.12.06 09:30:00	0:15:00	3,633.01	908.25	0.00	0.00	5,045.39	1,261.35
340	1991.12.06 09:45:00	0:15:00	3,588.22	897.06	0.00	0.00	5,090.18	1,272.55
340	1991.12.06 10:00:00	0:15:00	3,496.90	874.23	0.00	0.00	5,181.50	1,295.38
340	1991.12.06 10:15:00	0:15:00	3,460.27	865.07	0.00	0.00	5,218.13	1,304.53
340	1991.12.06 10:30:00	0:15:00	3,364.99	841.25	0.00	0.00	5,313.41	1,328.35
340	1991.12.06 10:45:00	0:15:00	3,330.84	832.71	0.00	0.00	5,347.56	1,336.89
340	1991.12.06 11:00:00	0:15:00	3,236.80	809.20	0.00	0.00	5,441.60	1,360.40
340	1991.12.06 11:15:00	0:15:00	3,236.55	809.14	0.00	0.00	5,441.85	1,360.46
340	1991.12.06 11:30:00	0:15:00	3,179.63	794.91	0.00	0.00	5,498.77	1,374.69
340	1991.12.06 11:45:00	0:15:00	3,143.50	785.87	0.00	0.00	5,534.90	1,383.73
340	1991.12.06 12:00:00	0:15:00	2,954.67	738.67	0.00	0.00	5,723.73	1,430.93
340	1991.12.06 12:15:00	0:15:00	2,896.27	724.07	0.00	0.00	5,782.14	1,445.53
340	1991.12.06 12:30:00	0:15:00	2,951.21	737.80	0.00	0.00	5,727.20	1,431.80
340	1991.12.06 12:45:00	0:15:00	3,255.36	813.84	0.00	0.00	5,423.04	1,355.76
340	1991.12.06 13:00:00	0:15:00	3,552.09	888.02	0.00	0.00	5,126.31	1,281.58
340	1991.12.06 13:15:00	0:15:00	3,864.90	966.23	0.00	0.00	4,813.50	1,203.37
340	1991.12.06 13:30:00	0:15:00	4,165.10	1,041.27	0.00	0.00	4,513.30	1,128.33
340	1991.12.06 13:45:00	0:15:00	4,563.79	1,140.95	0.00	0.00	4,114.61	1,028.65
340	1991.12.06 14:00:00	0:15:00	5,078.05	1,269.51	0.00	0.00	3,600.35	900.09
340	1991.12.06 14:15:00	0:15:00	5,854.40	1,463.60	0.00	0.00	2,824.00	706.00
340	1991.12.06 14:30:00	0:15:00	6,636.44	1,659.11	0.00	0.00	2,041.96	510.49
340	1991.12.06 14:45:00	0:15:00	7,534.79	1,883.70	0.00	0.00	1,143.61	285.90

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
340	1991.12.06 15:00:00	0:15:00	8,439.58	2,109.90	0.00	0.00	238.82	59.71
340	1991.12.06 15:15:00	0:15:00	8,678.40	2,169.60	0.00	0.00	0.00	0.00
340	1991.12.06 15:30:00	0:15:00	8,678.40	2,169.60	0.00	0.00	0.00	0.00
340	1991.12.06 15:45:00	0:10:12	8,678.40	1,475.33	0.00	0.00	0.00	0.00
340	1991.12.06 15:51:00	0:03:00	8,678.40	433.92	0.00	0.00	0.00	0.00
347	1991.12.13 08:15:36	0:07:12	8,678.40	1,041.41	0.00	0.00	0.00	0.00
347	1991.12.13 08:30:00	0:15:00	8,678.40	2,169.60	0.00	0.00	0.00	0.00
347	1991.12.13 08:45:00	0:15:00	7,526.13	1,881.53	0.00	0.00	1,152.27	288.07
347	1991.12.13 09:00:00	0:15:00	6,225.37	1,556.34	0.00	0.00	2,453.03	613.26
347	1991.12.13 09:15:00	0:15:00	5,093.65	1,273.41	0.00	0.00	3,584.76	896.19
347	1991.12.13 09:30:00	0:15:00	3,809.72	952.43	0.00	0.00	4,868.69	1,217.17
347	1991.12.13 09:45:00	0:15:00	3,764.18	941.05	0.00	0.00	4,914.22	1,228.56
347	1991.12.13 10:00:00	0:15:00	3,669.39	917.35	0.00	0.00	5,009.01	1,252.25
347	1991.12.13 10:15:00	0:15:00	3,628.07	907.02	0.00	0.00	5,050.34	1,262.58
347	1991.12.13 10:30:00	0:15:00	3,530.31	882.58	0.00	0.00	5,148.09	1,287.02
347	1991.12.13 10:45:00	0:15:00	3,505.56	876.39	0.00	0.00	5,172.84	1,293.21
347	1991.12.13 11:00:00	0:15:00	3,424.64	856.16	0.00	0.00	5,253.77	1,313.44
347	1991.12.13 11:15:00	0:15:00	3,415.97	853.99	0.00	0.00	5,262.43	1,315.61
347	1991.12.13 11:30:00	0:15:00	3,349.40	837.35	0.00	0.00	5,329.00	1,332.25
347	1991.12.13 11:45:00	0:15:00	3,323.17	830.79	0.00	0.00	5,355.23	1,338.81
347	1991.12.13 12:00:00	0:15:00	3,136.32	784.08	0.00	0.00	5,542.08	1,385.52
347	1991.12.13 12:15:00	0:15:00	3,063.31	765.83	0.00	0.00	5,615.09	1,403.77
347	1991.12.13 12:30:00	0:15:00	3,070.74	767.69	0.00	0.00	5,607.66	1,401.92
347	1991.12.13 12:45:00	0:15:00	3,353.11	838.28	0.00	0.00	5,325.29	1,331.32
347	1991.12.13 13:00:00	0:15:00	3,648.11	912.03	0.00	0.00	5,030.29	1,257.57
347	1991.12.13 13:15:00	0:15:00	3,964.39	991.10	0.00	0.00	4,714.01	1,178.50
347	1991.12.13 13:30:00	0:15:00	4,258.89	1,064.72	0.00	0.00	4,419.51	1,104.88
347	1991.12.13 13:45:00	0:15:00	4,649.91	1,162.48	0.00	0.00	4,028.49	1,007.12
347	1991.12.13 14:00:00	0:15:00	5,120.62	1,280.16	0.00	0.00	3,557.78	889.45
347	1991.12.13 14:15:00	0:15:00	5,893.01	1,473.25	0.00	0.00	2,785.39	696.35
347	1991.12.13 14:30:00	0:15:00	6,660.94	1,665.24	0.00	0.00	2,017.46	504.37
347	1991.12.13 14:45:00	0:15:00	7,529.60	1,882.40	0.00	0.00	1,148.81	287.20
347	1991.12.13 15:00:00	0:15:00	8,409.39	2,102.35	0.00	0.00	269.01	67.25
347	1991.12.13 15:15:00	0:15:00	8,678.40	2,169.60	0.00	0.00	0.00	0.00
347	1991.12.13 15:30:00	0:15:00	8,678.40	2,169.60	0.00	0.00	0.00	0.00
347	1991.12.13 15:45:00	0:10:48	8,678.40	1,562.11	0.00	0.00	0.00	0.00
347	1991.12.13 15:52:11	0:03:36	8,678.40	520.70	0.00	0.00	0.00	0.00
354	1991.12.20 08:19:48	0:04:48	8,678.40	694.27	0.00	0.00	0.00	0.00
354	1991.12.20 08:30:00	0:12:36	8,678.40	1,822.46	0.00	0.00	0.00	0.00
354	1991.12.20 08:45:00	0:15:00	7,898.34	1,974.59	0.00	0.00	780.06	195.02
354	1991.12.20 09:00:00	0:15:00	6,585.95	1,646.49	0.00	0.00	2,092.45	523.11
354	1991.12.20 09:15:00	0:15:00	5,474.27	1,368.57	0.00	0.00	3,204.13	801.03
354	1991.12.20 09:30:00	0:15:00	4,115.35	1,028.84	0.00	0.00	4,563.05	1,140.76
354	1991.12.20 09:45:00	0:15:00	3,844.86	961.21	0.00	0.00	4,833.54	1,208.39
354	1991.12.20 10:00:00	0:15:00	3,752.80	938.20	0.00	0.00	4,925.61	1,231.40
354	1991.12.20 10:15:00	0:15:00	3,704.29	926.07	0.00	0.00	4,974.11	1,243.53
354	1991.12.20 10:30:00	0:15:00	3,606.78	901.70	0.00	0.00	5,071.62	1,267.91
354	1991.12.20 10:45:00	0:15:00	3,580.80	895.20	0.00	0.00	5,097.60	1,274.40
354	1991.12.20 11:00:00	0:15:00	3,506.80	876.70	0.00	0.00	5,171.60	1,292.90
354	1991.12.20 11:15:00	0:15:00	3,490.96	872.74	0.00	0.00	5,187.44	1,296.86
354	1991.12.20 11:30:00	0:15:00	3,425.13	856.28	0.00	0.00	5,253.27	1,313.32
354	1991.12.20 11:45:00	0:15:00	3,397.66	849.42	0.00	0.00	5,280.74	1,320.19
354	1991.12.20 12:00:00	0:15:00	3,227.39	806.85	0.00	0.00	5,451.01	1,362.75
354	1991.12.20 12:15:00	0:15:00	3,139.54	784.89	0.00	0.00	5,538.86	1,384.72
354	1991.12.20 12:30:00	0:15:00	3,111.33	777.83	0.00	0.00	5,567.08	1,391.77
354	1991.12.20 12:45:00	0:15:00	3,349.65	837.41	0.00	0.00	5,328.75	1,332.19
354	1991.12.20 13:00:00	0:15:00	3,643.16	910.79	0.00	0.00	5,035.24	1,258.81

DayNum	Date+Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
354	1991.12.20 13:15:00	0:15:00	3,963.65	990.91	0.00	0.00	4,714.75	1,178.69
354	1991.12.20 13:30:00	0:15:00	4,253.20	1,063.30	0.00	0.00	4,425.20	1,106.30
354	1991.12.20 13:45:00	0:15:00	4,626.40	1,156.60	0.00	0.00	4,052.00	1,013.00
354	1991.12.20 14:00:00	0:15:00	5,077.31	1,269.33	0.00	0.00	3,601.09	900.27
354	1991.12.20 14:15:00	0:15:00	5,798.72	1,449.68	0.00	0.00	2,879.68	719.92
354	1991.12.20 14:30:00	0:15:00	6,555.76	1,638.94	0.00	0.00	2,122.64	530.66
354	1991.12.20 14:45:00	0:15:00	7,410.06	1,852.52	0.00	0.00	1,268.34	317.08
354	1991.12.20 15:00:00	0:15:00	8,309.65	2,077.41	0.00	0.00	368.75	92.19
354	1991.12.20 15:15:00	0:15:00	8,677.16	2,169.29	0.00	0.00	1.24	0.31
354	1991.12.20 15:30:00	0:15:00	8,678.40	2,169.60	0.00	0.00	0.00	0.00
354	1991.12.20 15:45:00	0:12:36	8,678.40	1,822.46	0.00	0.00	0.00	0.00
354	1991.12.20 15:54:36	0:04:48	8,678.40	694.27	0.00	0.00	0.00	0.00
			3,415,413.17	765,109.96	31,293.42	4,616.52	6,498,740.15	1,622,301.00

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