



34 Corte Madera Avenue
Mill Valley, CA 94941

Wells Lawson
Joint Development
Office of Economic and Workforce Development
City Hall, Room 448
1 Dr. Carlton B. Goodlett Place
San Francisco, CA 94102

August 5, 2010

Dear Wells,

CADP has completed the requested State Park shadow analysis for the Candlestick Point/Hunters Point Project.

The study calculated the net new shadow impacts for the Original "Project" as presented in the EIR and the Final Adopted Design ("Tower Variant D," as presented in the EIR) for comparison purposes

The results are as follows:

	New Shadow from Towers		
	New Square Foot Hours of Shadow SQFT HRS	New Square Foot Hours of Shadow Annualized	New Shadow Foot Hours of Shadow % of AAS
EIR Project Design	51,321,407.16	692,910,846.63	4.41%
Final Adopted Design	30,906,721.57	417,284,010.61	2.66%

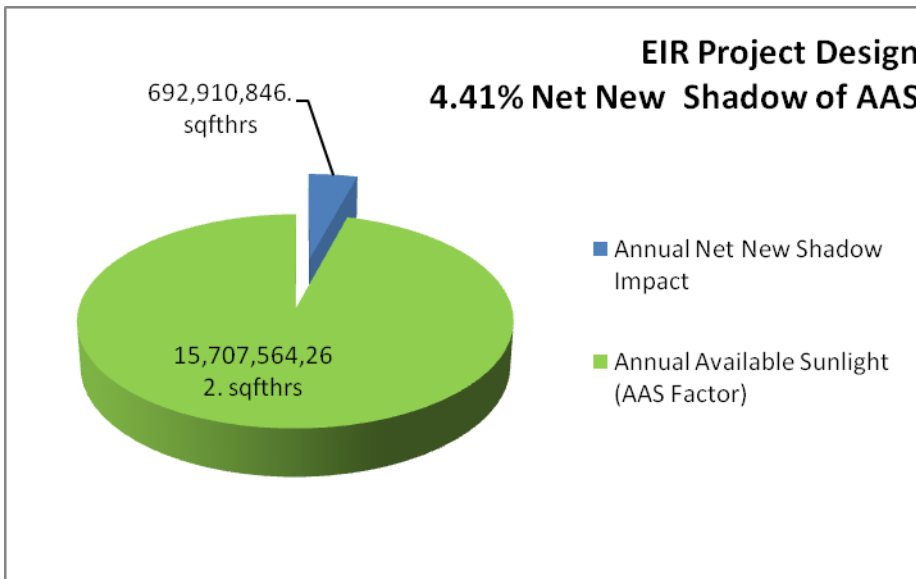
CADP

34 Corte Madera Ave. Mill Valley, CA 94108
415.816.3505

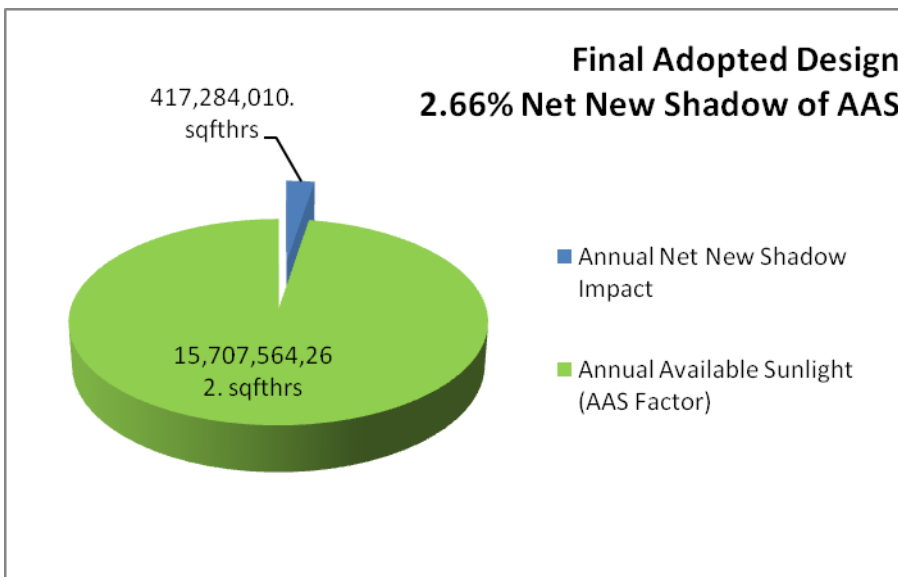


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The EIR Project Design contributes approximately 4.41% new shadow on the State Park Open Space as measured as percentage of Annual Available Sunlight.



The Final Adopted Design contributes approximately 2.66% of new shadow on the State Park Open Space as measured as a percentage of Annual Available Sunlight.



CADP

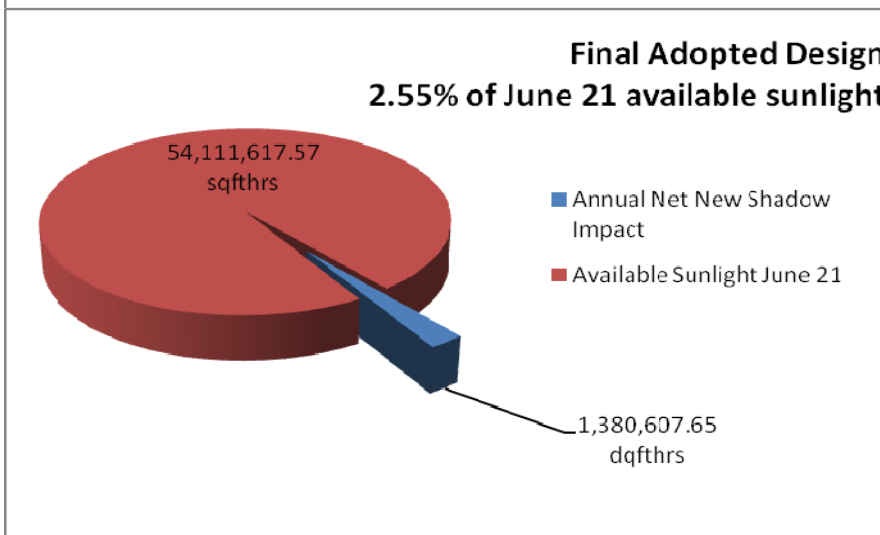
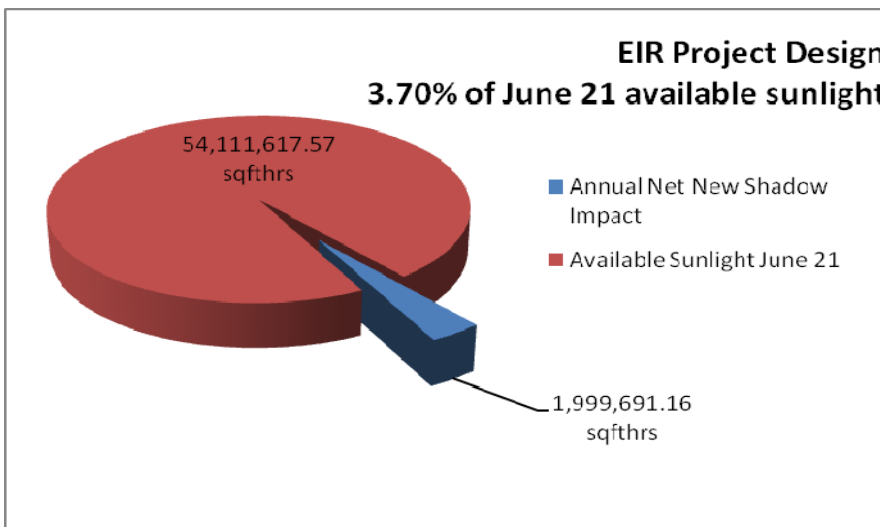
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Comparisons for the key 4 days per year (solstices & equinox) provided below also show a reduction in net new shadow for the final adopted design in all cases.

21-Jun		Annual Net New Shadow Impact	Available Sunlight June 21
	Final EIR Design	1,999,691.16	54,111,617.57
		Annual Net New Shadow Impact	Available Sunlight June 21
	Final Adopted Design	1,380,607.65	54,111,617.57



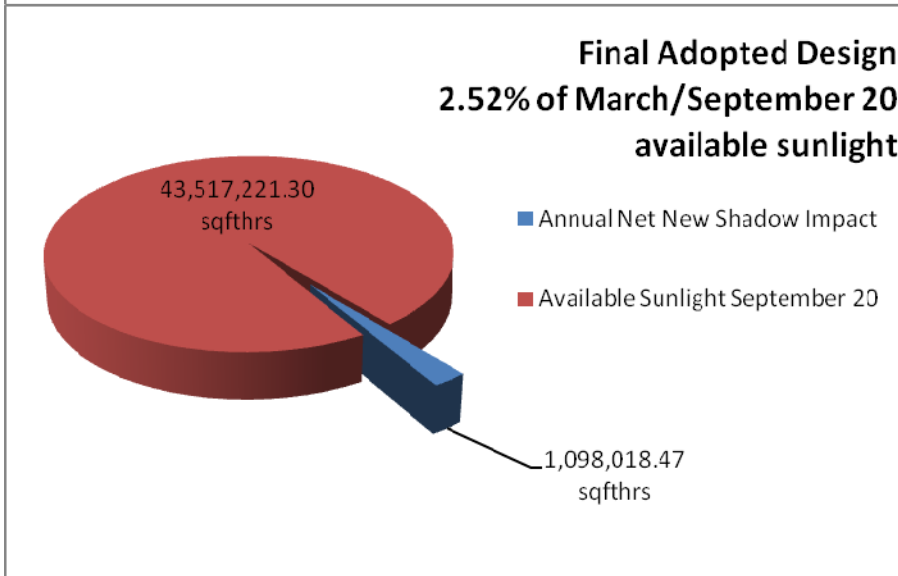
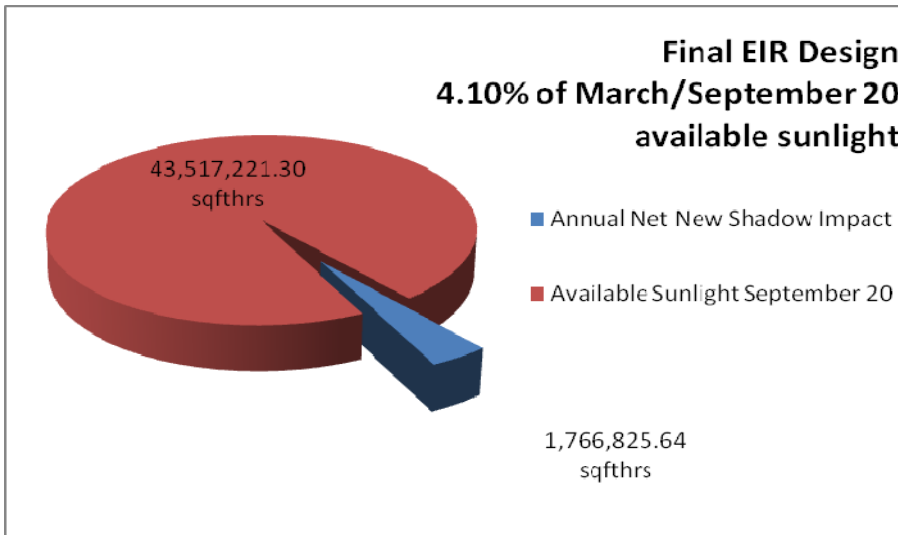
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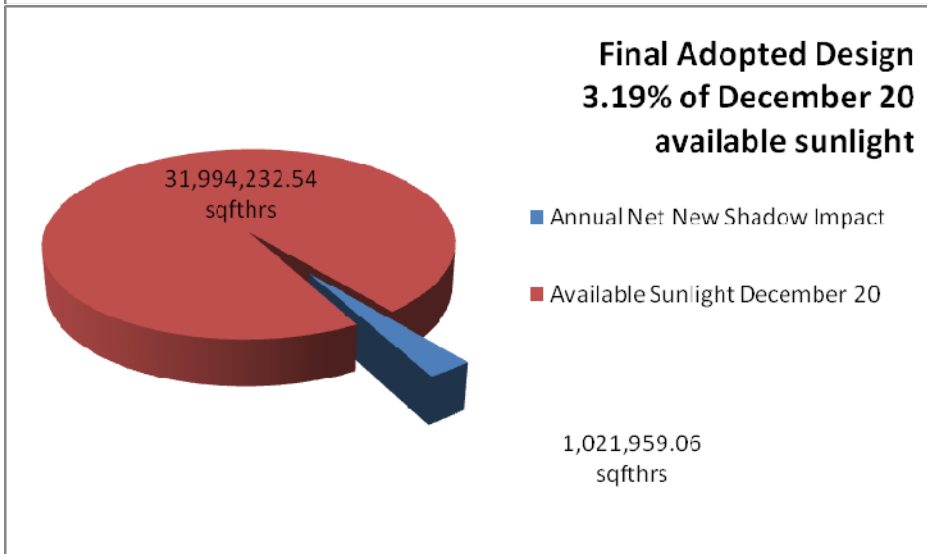
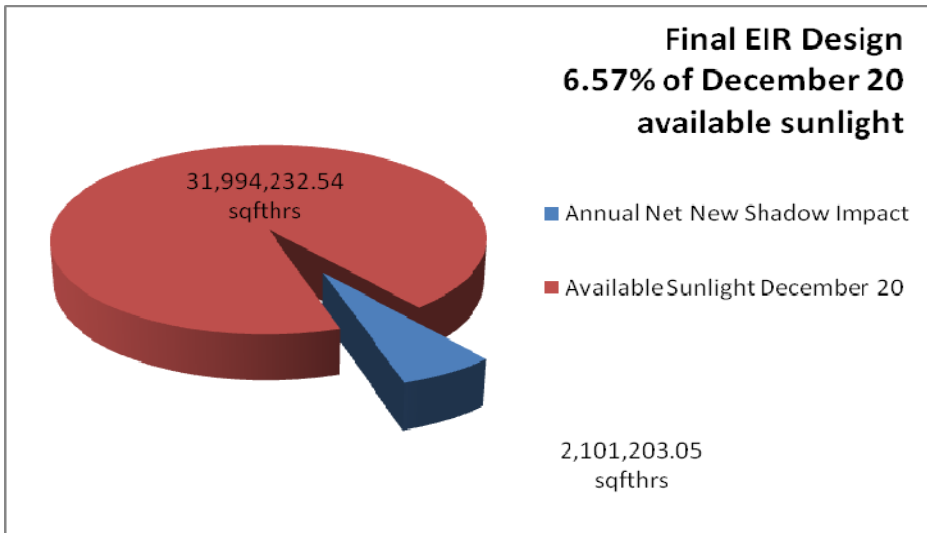
20-Mar/Sep		Annual Net New Shadow Impact	Available Sunlight September 20
	Final EIR Design	1,766,825.64	43,517,221.30
		Annual Net New Shadow Impact	Available Sunlight September 20
	Final Adopted Design	1,098,018.47	43,517,221.30





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20-Dec		Annual Net New Shadow Impact	Available Sunlight December 20
	Final EIR Design	2,101,203.05	31,994,232.54
		Annual Net New Shadow Impact	Available Sunlight December 20
	Final Adopted Design	1,021,959.06	31,994,232.54





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Detailed spreadsheets for both shadow runs are attached for your reference.

Please forward any questions or concerns.

Regards,

Adam Noble
President

CADP

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DEIR Design - Shadow impacts on California State Park at Candlestick Point

Square produced by Solar Hour Computations
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 under process begun Thursday, May 20, CADP LLC Mill Valley CA
 existing building set: C:_Cadp_2009\PBSJ_HuntersPoint\Env_Calcs\EX_40FT.XST
 proposed building set: C:_Cadp_2009\PBSJ_HuntersPoint\April_State_Park_Calcs\DEIR_PR.PRP
 target mesh or elevation: 2 (HORIZONTAL) ELEVATION)
 projection angle data used: C:_Cadp_2009\PBSJ_HuntersPoint\April_State_Park_Calcs\SFHR.DAT
 park outline set: C:_Cadp_2009\PBSJ_HuntersPoint\April_State_Park_Calcs\State_PK.dxf
 park area: 4220875.01

DayNum	Date	Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
172	21-Jun	6.78	0.11	0.00	0.00	447,060.53	49,176.66	3,773,814.48	415,119.59
172	21-Jun	7	0.23	0.00	0.00	394,379.09	90,707.19	3,826,495.92	880,094.06
172	21-Jun	7.25	0.25	0.00	0.00	216,241.54	54,060.38	4,004,633.47	1,001,158.37
172	21-Jun	7.5	0.25	0.00	0.00	85,382.20	21,345.55	4,135,492.81	1,033,873.20
172	21-Jun	7.75	0.25	0.00	0.00	21,950.60	5,487.65	4,198,924.41	1,049,731.10
172	21-Jun	8	0.25	0.00	0.00	6,247.48	1,561.87	4,214,627.53	1,053,656.88
172	21-Jun	8.25	0.25	0.00	0.00	56.28	14.07	4,220,818.72	1,055,204.68
172	21-Jun	8.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
172	21-Jun	8.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
172	21-Jun	9	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
172	21-Jun	9.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
172	21-Jun	9.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
172	21-Jun	9.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
172	21-Jun	10	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
172	21-Jun	10.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
172	21-Jun	10.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
172	21-Jun	10.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
172	21-Jun	11	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
172	21-Jun	11.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
172	21-Jun	11.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
172	21-Jun	11.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
172	21-Jun	12	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
172	21-Jun	12.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
172	21-Jun	12.5	0.25	0.00	0.00	675.40	168.85	4,220,199.61	1,055,049.90
172	21-Jun	12.75	0.25	0.00	0.00	2,589.04	647.26	4,218,285.96	1,054,571.49
172	21-Jun	13	0.25	0.00	0.00	4,164.99	1,041.25	4,216,710.02	1,054,177.51
172	21-Jun	13.25	0.25	0.00	0.00	5,572.08	1,393.02	4,215,302.93	1,053,825.73
172	21-Jun	13.5	0.25	0.00	0.00	6,585.18	1,646.29	4,214,289.83	1,053,572.46
172	21-Jun	13.75	0.25	0.00	0.00	8,780.24	2,195.06	4,212,094.77	1,053,023.69
172	21-Jun	14	0.25	0.00	0.00	11,932.12	2,983.03	4,208,942.89	1,052,235.72
172	21-Jun	14.25	0.25	0.00	0.00	18,010.75	4,502.69	4,202,864.26	1,050,716.07
172	21-Jun	14.5	0.25	0.00	0.00	26,003.02	6,500.75	4,194,871.99	1,048,718.00
172	21-Jun	14.75	0.25	0.00	0.00	36,753.18	9,188.30	4,184,121.83	1,046,030.46
172	21-Jun	15	0.25	0.00	0.00	50,880.36	12,720.09	4,169,994.65	1,042,498.66
172	21-Jun	15.25	0.25	0.00	0.00	66,752.33	16,688.08	4,154,122.67	1,038,530.67
172	21-Jun	15.5	0.25	0.00	0.00	87,014.42	21,753.61	4,133,860.58	1,033,465.15
172	21-Jun	15.75	0.25	0.00	0.00	110,540.96	27,635.24	4,110,334.04	1,027,583.51
172	21-Jun	16	0.25	0.00	0.00	135,249.46	33,812.36	4,085,625.55	1,021,406.39
172	21-Jun	16.25	0.25	0.00	0.00	162,321.86	40,580.47	4,058,553.14	1,014,638.29
172	21-Jun	16.5	0.25	0.00	0.00	191,758.18	47,939.54	4,029,116.83	1,007,279.21
172	21-Jun	16.75	0.25	0.00	0.00	228,004.81	57,001.20	3,992,870.20	998,217.55
172	21-Jun	17	0.25	0.00	0.00	263,519.75	65,879.94	3,957,355.26	989,338.81
172	21-Jun	17.25	0.25	0.00	0.00	295,319.98	73,829.99	3,925,555.03	981,388.76
172	21-Jun	17.5	0.25	0.00	0.00	330,891.21	82,722.80	3,889,983.80	972,495.95
172	21-Jun	17.75	0.25	0.00	0.00	364,492.51	91,123.13	3,856,382.50	964,095.63
172	21-Jun	18	0.25	0.00	0.00	414,866.32	103,716.58	3,806,008.69	951,502.17
172	21-Jun	18.25	0.25	0.00	0.00	483,025.74	120,756.44	3,737,849.27	934,462.32
172	21-Jun	18.5	0.25	0.00	0.00	558,896.01	139,724.00	3,661,978.99	915,494.75
172	21-Jun	18.75	0.25	0.00	0.00	647,824.08	161,956.02	3,573,050.93	893,262.73
172	21-Jun	19	0.25	0.00	0.00	767,145.29	191,786.32	3,453,729.72	863,432.43
172	21-Jun	19.25	0.3	0.00	0.00	876,616.86	262,985.06	3,344,258.15	1,003,277.44
172	21-Jun	19.6	0.18	0.00	0.00	1,080,363.44	194,465.42	3,140,511.56	565,292.08
179	28-Jun	6.81	0.1	0.00	0.00	447,735.93	44,773.59	3,773,139.08	377,313.91
179	28-Jun	7	0.22	0.00	0.00	406,930.33	89,524.67	3,813,944.68	839,067.83
179	28-Jun	7.25	0.25	0.00	0.00	232,394.93	58,098.73	3,988,480.08	997,120.02
179	28-Jun	7.5	0.25	0.00	0.00	97,426.89	24,356.72	4,123,448.12	1,030,862.03
179	28-Jun	7.75	0.25	0.00	0.00	23,357.69	5,839.42	4,197,517.32	1,049,379.33
179	28-Jun	8	0.25	0.00	0.00	4,896.67	1,224.17	4,215,978.34	1,053,994.58
179	28-Jun	8.25	0.25	0.00	0.00	225.13	56.28	4,220,649.87	1,055,162.47
179	28-Jun	8.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
179	28-Jun	8.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
179	28-Jun	9	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
179	28-Jun	9.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
179	28-Jun	9.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
179	28-Jun	9.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
179	28-Jun	10	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
179	28-Jun	10.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
179	28-Jun	10.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75

DayNum	Date	Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
179	28-Jun	10.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
179	28-Jun	11	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
179	28-Jun	11.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
179	28-Jun	11.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
179	28-Jun	11.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
179	28-Jun	12	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
179	28-Jun	12.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
179	28-Jun	12.5	0.25	0.00	0.00	731.69	182.92	4,220,143.32	1,055,035.83
179	28-Jun	12.75	0.25	0.00	0.00	2,307.63	576.91	4,218,567.38	1,054,641.85
179	28-Jun	13	0.25	0.00	0.00	3,658.43	914.61	4,217,216.58	1,054,304.14
179	28-Jun	13.25	0.25	0.00	0.00	4,952.96	1,238.24	4,215,922.05	1,053,980.51
179	28-Jun	13.5	0.25	0.00	0.00	6,360.05	1,590.01	4,214,514.96	1,053,628.74
179	28-Jun	13.75	0.25	0.00	0.00	8,217.40	2,054.35	4,212,657.60	1,053,164.40
179	28-Jun	14	0.25	0.00	0.00	11,819.55	2,954.89	4,209,055.46	1,052,263.86
179	28-Jun	14.25	0.25	0.00	0.00	17,391.63	4,347.91	4,203,483.38	1,050,870.85
179	28-Jun	14.5	0.25	0.00	0.00	24,933.63	6,233.41	4,195,941.38	1,048,985.34
179	28-Jun	14.75	0.25	0.00	0.00	36,134.06	9,033.52	4,184,740.95	1,046,185.24
179	28-Jun	15	0.25	0.00	0.00	49,867.26	12,466.81	4,171,007.75	1,042,751.94
179	28-Jun	15.25	0.25	0.00	0.00	65,176.39	16,294.10	4,155,698.62	1,038,924.65
179	28-Jun	15.5	0.25	0.00	0.00	85,044.50	21,261.12	4,135,830.51	1,033,957.63
179	28-Jun	15.75	0.25	0.00	0.00	107,276.52	26,819.13	4,113,598.49	1,028,399.62
179	28-Jun	16	0.25	0.00	0.00	132,322.71	33,080.68	4,088,552.30	1,022,138.07
179	28-Jun	16.25	0.25	0.00	0.00	160,351.94	40,087.98	4,060,523.07	1,015,130.77
179	28-Jun	16.5	0.25	0.00	0.00	190,632.51	47,658.13	4,030,242.50	1,007,560.63
179	28-Jun	16.75	0.25	0.00	0.00	225,528.33	56,382.08	3,995,346.68	998,836.67
179	28-Jun	17	0.25	0.00	0.00	259,917.60	64,979.40	3,960,957.41	990,239.35
179	28-Jun	17.25	0.25	0.00	0.00	294,869.71	73,717.43	3,926,005.30	981,501.32
179	28-Jun	17.5	0.25	0.00	0.00	330,328.37	82,582.09	3,890,546.64	972,636.66
179	28-Jun	17.75	0.25	0.00	0.00	364,267.37	91,066.84	3,856,607.64	964,151.91
179	28-Jun	18	0.25	0.00	0.00	408,393.70	102,098.43	3,812,481.30	953,120.33
179	28-Jun	18.25	0.25	0.00	0.00	477,115.96	119,278.99	3,743,759.04	935,939.76
179	28-Jun	18.5	0.25	0.00	0.00	553,886.78	138,471.69	3,666,988.23	916,747.06
179	28-Jun	18.75	0.25	0.00	0.00	638,143.30	159,535.83	3,582,731.70	895,682.93
179	28-Jun	19	0.25	0.00	0.00	757,520.79	189,380.20	3,463,354.22	865,838.55
179	28-Jun	19.25	0.3	0.00	0.00	872,620.73	217,786.22	3,348,254.28	838,476.28
179	28-Jun	19.61	0.18	0.00	0.00	1,084,134.44	195,144.20	3,136,740.56	788,613.30
186	5-Jul	6.87	0.06	0.00	0.00	434,959.56	26,097.57	3,785,915.45	227,154.93
186	5-Jul	7	0.19	0.00	0.00	396,686.72	75,370.48	3,824,188.29	726,595.78
186	5-Jul	7.25	0.25	0.00	0.00	236,559.91	59,139.98	3,984,315.09	996,078.77
186	5-Jul	7.5	0.25	0.00	0.00	99,171.68	24,792.92	4,121,703.33	1,030,425.83
186	5-Jul	7.75	0.25	0.00	0.00	19,305.27	4,826.32	4,201,569.74	1,050,392.43
186	5-Jul	8	0.25	0.00	0.00	3,939.85	984.96	4,216,935.16	1,054,233.79
186	5-Jul	8.25	0.25	0.00	0.00	112.57	28.14	4,220,762.44	1,055,190.61
186	5-Jul	8.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
186	5-Jul	8.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
186	5-Jul	9	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
186	5-Jul	9.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
186	5-Jul	9.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
186	5-Jul	9.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
186	5-Jul	10	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
186	5-Jul	10.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
186	5-Jul	10.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
186	5-Jul	10.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
186	5-Jul	11	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
186	5-Jul	11.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
186	5-Jul	11.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
186	5-Jul	11.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
186	5-Jul	12	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
186	5-Jul	12.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
186	5-Jul	12.5	0.25	0.00	0.00	562.84	140.71	4,220,312.17	1,055,078.04
186	5-Jul	12.75	0.25	0.00	0.00	2,476.48	619.12	4,218,398.53	1,054,599.63
186	5-Jul	13	0.25	0.00	0.00	3,827.28	956.82	4,217,047.72	1,054,261.93
186	5-Jul	13.25	0.25	0.00	0.00	5,403.22	1,350.81	4,215,471.78	1,053,867.95
186	5-Jul	13.5	0.25	0.00	0.00	6,585.18	1,646.29	4,214,289.83	1,053,572.46
186	5-Jul	13.75	0.25	0.00	0.00	8,217.40	2,054.35	4,212,657.60	1,053,164.40
186	5-Jul	14	0.25	0.00	0.00	11,988.40	2,997.10	4,208,886.60	1,052,221.65
186	5-Jul	14.25	0.25	0.00	0.00	16,997.64	4,249.41	4,203,877.37	1,050,969.34
186	5-Jul	14.5	0.25	0.00	0.00	24,821.06	6,205.27	4,196,053.95	1,049,013.49
186	5-Jul	14.75	0.25	0.00	0.00	35,008.39	8,752.10	4,185,866.62	1,046,466.65
186	5-Jul	15	0.25	0.00	0.00	49,191.85	12,297.96	4,171,683.15	1,042,920.79
186	5-Jul	15.25	0.25	0.00	0.00	64,332.14	16,083.03	4,156,542.87	1,039,135.72
186	5-Jul	15.5	0.25	0.00	0.00	84,763.08	21,190.77	4,136,111.93	1,034,027.98
186	5-Jul	15.75	0.25	0.00	0.00	107,276.52	26,819.13	4,113,598.49	1,028,399.62
186	5-Jul	16	0.25	0.00	0.00	131,591.03	32,897.76	4,089,283.98	1,022,321.00
186	5-Jul	16.25	0.25	0.00	0.00	159,282.55	39,820.64	4,061,592.46	1,015,398.11
186	5-Jul	16.5	0.25	0.00	0.00	189,900.82	47,475.21	4,030,974.19	1,007,743.55
186	5-Jul	16.75	0.25	0.00	0.00	224,965.50	56,241.37	3,995,909.51	998,977.38
186	5-Jul	17	0.25	0.00	0.00	260,874.42	65,218.61	3,960,000.58	990,000.15
186	5-Jul	17.25	0.25	0.00	0.00	296,952.20	74,238.05	3,923,922.81	980,980.70
186	5-Jul	17.5	0.25	0.00	0.00	330,159.52	82,539.88	3,890,715.49	972,678.87

DayNum	Date	Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
186	5-Jul	17.75	0.25	0.00	0.00	367,700.67	91,925.17	3,853,174.34	963,293.58
186	5-Jul	18	0.25	0.00	0.00	413,346.66	103,336.66	3,807,528.35	951,882.09
186	5-Jul	18.25	0.25	0.00	0.00	477,115.96	119,278.99	3,743,759.04	935,939.76
186	5-Jul	18.5	0.25	0.00	0.00	551,635.43	137,908.86	3,669,239.58	917,309.89
186	5-Jul	18.75	0.25	0.00	0.00	635,329.13	158,832.28	3,585,545.88	896,386.47
186	5-Jul	19	0.25	0.00	0.00	759,997.27	189,999.32	3,460,877.74	865,219.43
186	5-Jul	19.25	0.3	0.00	0.00	874,759.50	262,427.85	3,346,115.51	1,003,834.65
186	5-Jul	19.6	0.18	0.00	0.00	1,105,409.64	198,973.74	3,115,465.37	560,783.77
193	12-Jul	6.94	0.03	0.00	0.00	395,335.91	11,860.08	3,825,539.10	114,766.17
193	12-Jul	7	0.15	0.00	0.00	378,000.57	56,700.09	3,842,874.44	576,431.17
193	12-Jul	7.25	0.25	0.00	0.00	232,620.06	58,155.02	3,988,254.95	997,063.74
193	12-Jul	7.5	0.25	0.00	0.00	93,712.17	23,428.04	4,127,162.84	1,031,790.71
193	12-Jul	7.75	0.25	0.00	0.00	13,451.78	3,362.94	4,207,423.23	1,051,855.81
193	12-Jul	8	0.25	0.00	0.00	2,251.34	562.84	4,218,623.66	1,054,655.92
193	12-Jul	8.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
193	12-Jul	8.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
193	12-Jul	8.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
193	12-Jul	9	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
193	12-Jul	9.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
193	12-Jul	9.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
193	12-Jul	9.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
193	12-Jul	10	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
193	12-Jul	10.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
193	12-Jul	10.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
193	12-Jul	10.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
193	12-Jul	11	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
193	12-Jul	11.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
193	12-Jul	11.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
193	12-Jul	11.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
193	12-Jul	12	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
193	12-Jul	12.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
193	12-Jul	12.5	0.25	0.00	0.00	1,181.96	295.49	4,219,693.05	1,054,923.26
193	12-Jul	12.75	0.25	0.00	0.00	2,870.46	717.62	4,218,004.55	1,054,501.14
193	12-Jul	13	0.25	0.00	0.00	4,502.69	1,125.67	4,216,372.32	1,054,093.08
193	12-Jul	13.25	0.25	0.00	0.00	5,853.49	1,463.37	4,215,021.52	1,053,755.38
193	12-Jul	13.5	0.25	0.00	0.00	7,148.02	1,787.00	4,213,726.99	1,053,431.75
193	12-Jul	13.75	0.25	0.00	0.00	8,892.81	2,223.20	4,211,982.20	1,052,995.55
193	12-Jul	14	0.25	0.00	0.00	12,382.39	3,095.60	4,208,492.62	1,052,123.15
193	12-Jul	14.25	0.25	0.00	0.00	17,504.20	4,376.05	4,203,370.81	1,050,842.70
193	12-Jul	14.5	0.25	0.00	0.00	25,102.48	6,275.62	4,195,772.53	1,048,943.13
193	12-Jul	14.75	0.25	0.00	0.00	34,614.41	8,653.60	4,186,260.60	1,046,565.15
193	12-Jul	15	0.25	0.00	0.00	48,741.59	12,185.40	4,172,133.42	1,043,033.36
193	12-Jul	15.25	0.25	0.00	0.00	64,782.41	16,195.60	4,156,092.60	1,039,023.15
193	12-Jul	15.5	0.25	0.00	0.00	84,369.10	21,092.27	4,136,505.91	1,034,126.48
193	12-Jul	15.75	0.25	0.00	0.00	106,826.25	26,706.56	4,114,048.76	1,028,512.19
193	12-Jul	16	0.25	0.00	0.00	132,266.43	33,066.61	4,088,608.58	1,022,152.14
193	12-Jul	16.25	0.25	0.00	0.00	161,477.61	40,369.40	4,059,397.40	1,014,849.35
193	12-Jul	16.5	0.25	0.00	0.00	191,082.78	47,770.69	4,029,792.23	1,007,448.06
193	12-Jul	16.75	0.25	0.00	0.00	228,511.36	57,127.84	3,992,363.65	998,090.91
193	12-Jul	17	0.25	0.00	0.00	266,390.22	66,597.55	3,954,484.79	988,621.20
193	12-Jul	17.25	0.25	0.00	0.00	301,567.46	75,391.86	3,919,307.55	979,826.89
193	12-Jul	17.5	0.25	0.00	0.00	337,814.09	84,453.52	3,883,060.92	970,765.23
193	12-Jul	17.75	0.25	0.00	0.00	374,285.85	93,571.46	3,846,589.16	961,647.29
193	12-Jul	18	0.25	0.00	0.00	426,291.88	106,572.97	3,794,583.12	948,645.78
193	12-Jul	18.25	0.25	0.00	0.00	492,762.80	123,190.70	3,728,112.21	932,028.05
193	12-Jul	18.5	0.25	0.00	0.00	558,783.45	139,695.86	3,662,091.56	915,522.89
193	12-Jul	18.75	0.25	0.00	0.00	643,433.96	160,858.49	3,577,441.05	894,360.26
193	12-Jul	19	0.25	0.00	0.00	760,278.69	190,069.67	3,460,596.32	865,149.08
193	12-Jul	19.25	0.28	0.00	0.00	888,774.12	248,856.75	3,332,100.89	932,988.25
193	12-Jul	19.56	0.15	0.00	0.00	1,124,433.49	168,665.02	3,096,441.52	464,466.23
200	19-Jul	7.02	0.13	0.00	0.00	332,467.15	43,220.73	3,888,407.86	505,493.02
200	19-Jul	7.27	0.24	0.00	0.00	199,187.61	47,805.03	4,021,687.40	965,204.97
200	19-Jul	7.5	0.24	0.00	0.00	76,939.66	18,465.52	4,143,935.35	994,544.48
200	19-Jul	7.75	0.25	0.00	0.00	6,866.60	1,716.65	4,214,008.41	1,053,502.10
200	19-Jul	8	0.25	0.00	0.00	281.42	70.35	4,220,593.59	1,055,148.40
200	19-Jul	8.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
200	19-Jul	8.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
200	19-Jul	8.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
200	19-Jul	9	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
200	19-Jul	9.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
200	19-Jul	9.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
200	19-Jul	9.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
200	19-Jul	10	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
200	19-Jul	10.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
200	19-Jul	10.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
200	19-Jul	10.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
200	19-Jul	11	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
200	19-Jul	11.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
200	19-Jul	11.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
200	19-Jul	11.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75

DayNum	Date	Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
200	19-Jul	12	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
200	19-Jul	12.25	0.25	0.00	0.00	56.28	14.07	4,220,818.72	1,055,204.68
200	19-Jul	12.5	0.25	0.00	0.00	1,575.94	393.99	4,219,299.07	1,054,824.77
200	19-Jul	12.75	0.25	0.00	0.00	4,108.70	1,027.18	4,216,766.31	1,054,191.58
200	19-Jul	13	0.25	0.00	0.00	5,290.66	1,322.66	4,215,584.35	1,053,896.09
200	19-Jul	13.25	0.25	0.00	0.00	6,922.88	1,730.72	4,213,952.13	1,053,488.03
200	19-Jul	13.5	0.25	0.00	0.00	7,879.70	1,969.93	4,212,995.31	1,053,248.83
200	19-Jul	13.75	0.25	0.00	0.00	9,793.34	2,448.34	4,211,081.66	1,052,770.42
200	19-Jul	14	0.25	0.00	0.00	12,888.94	3,222.24	4,207,986.07	1,051,996.52
200	19-Jul	14.25	0.25	0.00	0.00	18,517.30	4,629.32	4,202,357.71	1,050,589.43
200	19-Jul	14.5	0.25	0.00	0.00	24,933.63	6,233.41	4,195,941.38	1,048,985.34
200	19-Jul	14.75	0.25	0.00	0.00	34,952.11	8,738.03	4,185,922.90	1,046,480.73
200	19-Jul	15	0.25	0.00	0.00	49,135.57	12,283.89	4,171,739.44	1,042,934.86
200	19-Jul	15.25	0.25	0.00	0.00	65,457.81	16,364.45	4,155,417.20	1,038,854.30
200	19-Jul	15.5	0.25	0.00	0.00	84,988.22	21,247.05	4,135,886.79	1,033,971.70
200	19-Jul	15.75	0.25	0.00	0.00	108,120.77	27,030.19	4,112,754.24	1,028,188.56
200	19-Jul	16	0.25	0.00	0.00	134,011.22	33,502.80	4,086,863.79	1,021,715.95
200	19-Jul	16.25	0.25	0.00	0.00	162,603.28	40,650.82	4,058,271.73	1,014,567.93
200	19-Jul	16.5	0.25	0.00	0.00	194,065.81	48,516.45	4,026,809.20	1,006,702.30
200	19-Jul	16.75	0.25	0.00	0.00	233,689.45	58,422.36	3,987,185.56	996,796.39
200	19-Jul	17	0.25	0.00	0.00	275,283.02	68,820.76	3,945,591.99	986,398.00
200	19-Jul	17.25	0.25	0.00	0.00	309,109.46	77,277.36	3,911,765.55	977,941.39
200	19-Jul	17.5	0.25	0.00	0.00	348,451.68	87,112.92	3,872,423.32	968,105.83
200	19-Jul	17.75	0.25	0.00	0.00	391,283.49	97,820.87	3,829,591.51	957,397.88
200	19-Jul	18	0.25	0.00	0.00	443,120.68	110,780.17	3,777,754.33	944,438.58
200	19-Jul	18.25	0.25	0.00	0.00	517,471.30	129,367.82	3,703,403.71	925,850.93
200	19-Jul	18.5	0.25	0.00	0.00	581,465.73	145,366.43	3,639,409.28	909,852.32
200	19-Jul	18.75	0.25	0.00	0.00	664,090.04	166,022.51	3,556,784.97	889,196.24
200	19-Jul	19	0.25	0.00	0.00	774,912.42	193,728.11	3,445,962.59	861,490.65
200	19-Jul	19.25	0.25	0.00	0.00	915,227.40	228,806.85	3,305,647.61	826,411.90
200	19-Jul	19.5	0.13	0.00	0.00	1,135,633.93	147,632.41	3,085,241.08	401,081.34
207	26-Jul	7.12	0.06	0.00	0.00	227,047.99	13,622.88	3,993,827.02	239,629.62
207	26-Jul	7.25	0.19	0.00	0.00	164,573.21	31,268.91	4,056,301.80	770,697.34
207	26-Jul	7.5	0.25	0.00	0.00	45,195.72	11,298.93	4,175,679.29	1,043,919.82
207	26-Jul	7.75	0.25	0.00	0.00	1,857.36	464.34	4,219,017.65	1,054,754.41
207	26-Jul	8	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
207	26-Jul	8.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
207	26-Jul	8.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
207	26-Jul	8.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
207	26-Jul	9	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
207	26-Jul	9.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
207	26-Jul	9.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
207	26-Jul	9.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
207	26-Jul	10	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
207	26-Jul	10.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
207	26-Jul	10.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
207	26-Jul	10.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
207	26-Jul	11	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
207	26-Jul	11.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
207	26-Jul	11.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
207	26-Jul	11.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
207	26-Jul	12	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
207	26-Jul	12.25	0.25	0.00	0.00	562.84	140.71	4,220,312.17	1,055,078.04
207	26-Jul	12.5	0.25	0.00	0.00	2,363.91	590.98	4,218,511.10	1,054,627.77
207	26-Jul	12.75	0.25	0.00	0.00	5,009.24	1,252.31	4,215,865.77	1,053,966.44
207	26-Jul	13	0.25	0.00	0.00	6,754.03	1,688.51	4,214,120.98	1,053,530.24
207	26-Jul	13.25	0.25	0.00	0.00	8,273.69	2,068.42	4,212,601.32	1,053,150.33
207	26-Jul	13.5	0.25	0.00	0.00	9,399.36	2,349.84	4,211,475.65	1,052,868.91
207	26-Jul	13.75	0.25	0.00	0.00	11,031.58	2,757.90	4,209,843.43	1,052,460.86
207	26-Jul	14	0.25	0.00	0.00	14,014.61	3,503.65	4,206,860.40	1,051,715.10
207	26-Jul	14.25	0.25	0.00	0.00	19,023.85	4,755.96	4,201,851.16	1,050,462.79
207	26-Jul	14.5	0.25	0.00	0.00	26,059.30	6,514.83	4,194,815.71	1,048,703.93
207	26-Jul	14.75	0.25	0.00	0.00	37,203.45	9,300.86	4,183,671.56	1,045,917.89
207	26-Jul	15	0.25	0.00	0.00	50,880.36	12,720.09	4,169,994.65	1,042,498.66
207	26-Jul	15.25	0.25	0.00	0.00	66,470.92	16,617.73	4,154,404.09	1,038,601.02
207	26-Jul	15.5	0.25	0.00	0.00	86,113.89	21,528.47	4,134,761.12	1,033,690.28
207	26-Jul	15.75	0.25	0.00	0.00	111,722.92	27,930.73	4,109,152.09	1,027,288.02
207	26-Jul	16	0.25	0.00	0.00	139,864.71	34,966.18	4,081,010.30	1,020,252.57
207	26-Jul	16.25	0.25	0.00	0.00	169,301.03	42,325.26	4,051,573.98	1,012,893.49
207	26-Jul	16.5	0.25	0.00	0.00	201,101.25	50,275.31	4,019,773.75	1,004,943.44
207	26-Jul	16.75	0.25	0.00	0.00	239,317.81	59,829.45	3,981,557.20	995,389.30
207	26-Jul	17	0.25	0.00	0.00	284,682.38	71,170.60	3,936,192.63	984,048.16
207	26-Jul	17.25	0.25	0.00	0.00	323,518.06	80,879.51	3,897,356.95	974,339.24
207	26-Jul	17.5	0.25	0.00	0.00	366,518.72	91,629.68	3,854,356.29	963,589.07
207	26-Jul	17.75	0.25	0.00	0.00	416,329.69	104,082.42	3,804,545.32	951,136.33
207	26-Jul	18	0.25	0.00	0.00	474,639.49	118,659.87	3,746,235.52	936,558.88
207	26-Jul	18.25	0.25	0.00	0.00	546,063.36	136,515.84	3,674,811.65	918,702.91
207	26-Jul	18.5	0.25	0.00	0.00	615,911.29	153,977.82	3,604,963.72	901,240.93
207	26-Jul	18.75	0.25	0.00	0.00	693,301.22	173,325.30	3,527,573.79	881,893.45
207	26-Jul	19	0.25	0.00	0.00	803,560.77	200,890.19	3,417,314.24	854,328.56

DayNum	Date	Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
207	26-Jul	19.25	0.21	0.00	0.00	945,958.24	198,651.23	3,274,916.77	687,732.52
207	26-Jul	19.42	0.09	0.00	0.00	1,088,130.58	97,931.75	3,132,744.43	281,947.00
214	2-Aug	7.21	0.02	0.00	0.00	107,051.38	2,141.03	4,113,823.63	82,276.47
214	2-Aug	7.25	0.15	0.00	0.00	83,468.56	12,520.28	4,137,406.45	620,610.97
214	2-Aug	7.5	0.25	0.00	0.00	14,746.30	3,686.57	4,206,128.71	1,051,532.18
214	2-Aug	7.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
214	2-Aug	8	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
214	2-Aug	8.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
214	2-Aug	8.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
214	2-Aug	8.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
214	2-Aug	9	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
214	2-Aug	9.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
214	2-Aug	9.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
214	2-Aug	9.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
214	2-Aug	10	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
214	2-Aug	10.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
214	2-Aug	10.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
214	2-Aug	10.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
214	2-Aug	11	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
214	2-Aug	11.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
214	2-Aug	11.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
214	2-Aug	11.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
214	2-Aug	12	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
214	2-Aug	12.25	0.25	0.00	0.00	2,082.49	520.62	4,218,792.52	1,054,698.13
214	2-Aug	12.5	0.25	0.00	0.00	4,052.42	1,013.10	4,216,822.59	1,054,205.65
214	2-Aug	12.75	0.25	0.00	0.00	6,641.46	1,660.37	4,214,233.55	1,053,558.39
214	2-Aug	13	0.25	0.00	0.00	8,273.69	2,068.42	4,212,601.32	1,053,150.33
214	2-Aug	13.25	0.25	0.00	0.00	9,905.91	2,476.48	4,210,969.10	1,052,742.27
214	2-Aug	13.5	0.25	0.00	0.00	10,975.30	2,743.82	4,209,899.71	1,052,474.93
214	2-Aug	13.75	0.25	0.00	0.00	12,551.24	3,137.81	4,208,323.77	1,052,080.94
214	2-Aug	14	0.25	0.00	0.00	15,590.55	3,897.64	4,205,284.45	1,051,321.11
214	2-Aug	14.25	0.25	0.00	0.00	20,093.24	5,023.31	4,200,781.77	1,050,195.44
214	2-Aug	14.5	0.25	0.00	0.00	27,747.81	6,936.95	4,193,127.20	1,048,281.80
214	2-Aug	14.75	0.25	0.00	0.00	38,160.27	9,540.07	4,182,714.74	1,045,678.68
214	2-Aug	15	0.25	0.00	0.00	53,807.11	13,451.78	4,167,067.90	1,041,766.97
214	2-Aug	15.25	0.25	0.00	0.00	69,735.36	17,433.84	4,151,139.64	1,037,784.91
214	2-Aug	15.5	0.25	0.00	0.00	91,235.69	22,808.92	4,129,639.31	1,032,409.83
214	2-Aug	15.75	0.25	0.00	0.00	118,420.67	29,605.17	4,102,454.34	1,025,613.59
214	2-Aug	16	0.25	0.00	0.00	143,804.56	35,951.14	4,077,070.44	1,019,267.61
214	2-Aug	16.25	0.25	0.00	0.00	174,873.10	43,718.28	4,046,001.90	1,011,500.48
214	2-Aug	16.5	0.25	0.00	0.00	208,249.27	52,062.32	4,012,625.74	1,003,156.43
214	2-Aug	16.75	0.25	0.00	0.00	253,557.56	63,389.39	3,967,317.45	991,829.36
214	2-Aug	17	0.25	0.00	0.00	304,156.50	76,039.13	3,916,718.51	979,179.63
214	2-Aug	17.25	0.25	0.00	0.00	344,286.70	86,071.67	3,876,588.31	969,147.08
214	2-Aug	17.5	0.25	0.00	0.00	391,508.63	97,877.16	3,829,366.38	957,341.60
214	2-Aug	17.75	0.25	0.00	0.00	445,653.44	111,413.36	3,775,221.57	943,805.39
214	2-Aug	18	0.25	0.00	0.00	511,448.95	127,862.24	3,709,426.06	927,356.51
214	2-Aug	18.25	0.25	0.00	0.00	591,990.76	147,997.69	3,628,884.24	907,221.06
214	2-Aug	18.5	0.25	0.00	0.00	656,942.02	164,235.51	3,563,932.99	890,983.25
214	2-Aug	18.75	0.25	0.00	0.00	756,957.96	189,239.49	3,463,917.05	865,979.26
214	2-Aug	19	0.25	0.00	0.00	846,617.71	211,654.43	3,374,257.30	843,564.32
214	2-Aug	19.25	0.15	0.00	0.00	985,131.62	147,769.74	3,235,743.39	485,361.51
214	2-Aug	19.31	0.03	0.00	0.00	1,017,438.39	30,523.15	3,203,436.61	96,103.10
221	9-Aug	7.32	0.09	0.00	0.00	14,070.90	1,266.38	4,206,804.11	378,612.37
221	9-Aug	7.5	0.21	0.00	0.00	281.42	59.10	4,220,875.01	886,324.65
221	9-Aug	7.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
221	9-Aug	8	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
221	9-Aug	8.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
221	9-Aug	8.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
221	9-Aug	8.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
221	9-Aug	9	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
221	9-Aug	9.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
221	9-Aug	9.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
221	9-Aug	9.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
221	9-Aug	10	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
221	9-Aug	10.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
221	9-Aug	10.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
221	9-Aug	10.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
221	9-Aug	11	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
221	9-Aug	11.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
221	9-Aug	11.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
221	9-Aug	11.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
221	9-Aug	12	0.25	0.00	0.00	1,013.10	253.28	4,219,861.90	1,054,965.48
221	9-Aug	12.25	0.25	0.00	0.00	3,658.43	914.61	4,217,216.58	1,054,304.14
221	9-Aug	12.5	0.25	0.00	0.00	6,134.91	1,533.73	4,214,740.10	1,053,685.02
221	9-Aug	12.75	0.25	0.00	0.00	8,498.82	2,124.71	4,212,376.19	1,053,094.05
221	9-Aug	13	0.25	0.00	0.00	10,412.46	2,603.12	4,210,462.54	1,052,615.64
221	9-Aug	13.25	0.25	0.00	0.00	11,650.70	2,912.68	4,209,224.31	1,052,306.08
221	9-Aug	13.5	0.25	0.00	0.00	12,945.22	3,236.31	4,207,929.78	1,051,982.45
221	9-Aug	13.75	0.25	0.00	0.00	14,971.43	3,742.86	4,205,903.57	1,051,475.89

DayNum	Date	Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
221	9-Aug	14	0.25	0.00	0.00	17,222.78	4,305.69	4,203,652.23	1,050,913.06
221	9-Aug	14.25	0.25	0.00	0.00	22,232.02	5,558.00	4,198,642.99	1,049,660.75
221	9-Aug	14.5	0.25	0.00	0.00	29,492.60	7,373.15	4,191,382.41	1,047,845.60
221	9-Aug	14.75	0.25	0.00	0.00	40,636.75	10,159.19	4,180,238.26	1,045,059.56
221	9-Aug	15	0.25	0.00	0.00	57,803.24	14,450.81	4,163,071.76	1,040,767.94
221	9-Aug	15.25	0.25	0.00	0.00	74,463.19	18,615.80	4,146,411.82	1,036,602.96
221	9-Aug	15.5	0.25	0.00	0.00	96,976.62	24,244.15	4,123,898.39	1,030,974.60
221	9-Aug	15.75	0.25	0.00	0.00	125,230.98	31,307.75	4,095,644.03	1,023,911.01
221	9-Aug	16	0.25	0.00	0.00	153,091.36	38,272.84	4,067,783.65	1,016,945.91
221	9-Aug	16.25	0.25	0.00	0.00	185,116.72	46,279.18	4,035,758.29	1,008,939.57
221	9-Aug	16.5	0.25	0.00	0.00	220,744.23	55,186.06	4,000,130.78	1,000,032.70
221	9-Aug	16.75	0.25	0.00	0.00	270,892.90	67,723.23	3,949,982.11	987,495.53
221	9-Aug	17	0.25	0.00	0.00	323,011.50	80,752.88	3,897,863.51	974,465.88
221	9-Aug	17.25	0.25	0.00	0.00	373,272.75	93,318.19	3,847,602.26	961,900.57
221	9-Aug	17.5	0.25	0.00	0.00	427,473.84	106,868.46	3,793,401.17	948,350.29
221	9-Aug	17.75	0.25	0.00	0.00	494,507.59	123,626.90	3,726,367.42	931,591.85
221	9-Aug	18	0.25	0.00	0.00	563,961.54	140,990.38	3,656,913.47	914,228.37
221	9-Aug	18.25	0.25	0.00	0.00	640,056.95	160,014.24	3,580,818.06	895,204.52
221	9-Aug	18.5	0.25	0.00	0.00	707,878.67	176,969.67	3,512,996.34	878,249.08
221	9-Aug	18.75	0.34	0.00	0.00	811,778.17	276,004.58	3,409,096.84	1,159,092.93
221	9-Aug	19.18	0.21	0.00	0.00	963,856.42	202,409.85	3,257,018.59	683,973.90
228	16-Aug	7.42	0.04	0.00	0.00	0.00	0.00	4,220,875.01	168,835.00
228	16-Aug	7.5	0.17	0.00	0.00	0.00	0.00	4,220,875.01	717,548.75
228	16-Aug	7.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
228	16-Aug	8	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
228	16-Aug	8.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
228	16-Aug	8.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
228	16-Aug	8.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
228	16-Aug	9	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
228	16-Aug	9.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
228	16-Aug	9.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
228	16-Aug	9.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
228	16-Aug	10	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
228	16-Aug	10.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
228	16-Aug	10.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
228	16-Aug	10.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
228	16-Aug	11	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
228	16-Aug	11.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
228	16-Aug	11.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
228	16-Aug	11.75	0.25	0.00	0.00	506.55	126.64	4,220,368.46	1,055,092.11
228	16-Aug	12	0.25	0.00	0.00	3,377.02	844.25	4,217,497.99	1,054,374.50
228	16-Aug	12.25	0.25	0.00	0.00	5,966.06	1,491.52	4,214,908.95	1,053,727.24
228	16-Aug	12.5	0.25	0.00	0.00	8,555.11	2,138.78	4,212,319.90	1,053,079.98
228	16-Aug	12.75	0.25	0.00	0.00	11,313.00	2,828.25	4,209,562.01	1,052,390.50
228	16-Aug	13	0.25	0.00	0.00	13,226.64	3,306.66	4,207,648.37	1,051,912.09
228	16-Aug	13.25	0.25	0.00	0.00	14,521.17	3,630.29	4,206,353.84	1,051,588.46
228	16-Aug	13.5	0.25	0.00	0.00	16,097.11	4,024.28	4,204,777.90	1,051,194.48
228	16-Aug	13.75	0.25	0.00	0.00	16,716.23	4,179.06	4,204,158.78	1,051,039.70
228	16-Aug	14	0.25	0.00	0.00	19,417.84	4,854.46	4,201,457.17	1,050,364.29
228	16-Aug	14.25	0.25	0.00	0.00	23,639.11	5,909.78	4,197,235.90	1,049,308.98
228	16-Aug	14.5	0.25	0.00	0.00	31,406.24	7,851.56	4,189,468.77	1,047,367.19
228	16-Aug	14.75	0.25	0.00	0.00	43,844.91	10,961.23	4,177,030.09	1,044,257.52
228	16-Aug	15	0.25	0.00	0.00	61,743.09	15,435.77	4,159,131.91	1,039,782.98
228	16-Aug	15.25	0.25	0.00	0.00	82,061.47	20,515.37	4,138,813.54	1,034,703.38
228	16-Aug	15.5	0.25	0.00	0.00	105,869.43	26,467.36	4,115,005.58	1,028,751.40
228	16-Aug	15.75	0.25	0.00	0.00	133,223.25	33,305.81	4,087,651.76	1,021,912.94
228	16-Aug	16	0.25	0.00	0.00	162,997.27	40,749.32	4,057,877.74	1,014,469.44
228	16-Aug	16.25	0.25	0.00	0.00	200,313.28	50,078.32	4,020,561.72	1,005,140.43
228	16-Aug	16.5	0.25	0.00	0.00	238,417.27	59,604.32	3,982,457.74	995,614.43
228	16-Aug	16.75	0.25	0.00	0.00	291,380.13	72,845.03	3,929,494.88	982,373.72
228	16-Aug	17	0.25	0.00	0.00	350,421.61	87,605.40	3,870,453.40	967,613.35
228	16-Aug	17.25	0.25	0.00	0.00	409,688.23	102,422.06	3,811,186.78	952,796.70
228	16-Aug	17.5	0.25	0.00	0.00	473,626.38	118,406.60	3,747,248.63	936,812.16
228	16-Aug	17.75	0.25	0.00	0.00	543,868.30	135,967.07	3,677,006.71	919,251.68
228	16-Aug	18	0.25	0.00	0.00	622,215.05	155,553.76	3,598,659.96	899,664.99
228	16-Aug	18.25	0.25	0.00	0.00	702,475.44	175,618.86	3,518,399.56	879,599.89
228	16-Aug	18.5	0.25	0.00	0.00	766,695.02	191,673.75	3,454,179.99	863,545.00
228	16-Aug	18.75	0.27	0.00	0.00	844,985.49	228,146.08	3,375,889.52	911,490.17
228	16-Aug	19.04	0.14	0.00	0.00	948,378.43	132,772.98	3,272,496.57	458,149.52
235	23-Aug	7.53	0.11	0.00	0.00	0.00	0.00	4,220,875.01	464,296.25
235	23-Aug	7.75	0.23	0.00	0.00	0.00	0.00	4,220,875.01	970,801.25
235	23-Aug	8	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
235	23-Aug	8.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
235	23-Aug	8.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
235	23-Aug	8.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
235	23-Aug	9	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
235	23-Aug	9.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
235	23-Aug	9.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
235	23-Aug	9.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
235	23-Aug	10	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75

DayNum	Date	Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
235	23-Aug	10.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
235	23-Aug	10.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
235	23-Aug	10.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
235	23-Aug	11	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
235	23-Aug	11.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
235	23-Aug	11.5	0.25	0.00	0.00	112.57	28.14	4,220,762.44	1,055,190.61
235	23-Aug	11.75	0.25	0.00	0.00	2,589.04	647.26	4,218,285.96	1,054,571.49
235	23-Aug	12	0.25	0.00	0.00	5,853.49	1,463.37	4,215,021.52	1,053,755.38
235	23-Aug	12.25	0.25	0.00	0.00	9,399.36	2,349.84	4,211,475.65	1,052,868.91
235	23-Aug	12.5	0.25	0.00	0.00	12,044.69	3,011.17	4,208,830.32	1,052,207.58
235	23-Aug	12.75	0.25	0.00	0.00	14,746.30	3,686.57	4,206,128.71	1,051,532.18
235	23-Aug	13	0.25	0.00	0.00	16,209.67	4,052.42	4,204,665.34	1,051,166.33
235	23-Aug	13.25	0.25	0.00	0.00	18,179.60	4,544.90	4,202,695.41	1,050,673.85
235	23-Aug	13.5	0.25	0.00	0.00	18,517.30	4,629.32	4,202,357.71	1,050,589.43
235	23-Aug	13.75	0.25	0.00	0.00	19,755.54	4,938.88	4,201,119.47	1,050,279.87
235	23-Aug	14	0.25	0.00	0.00	21,444.05	5,361.01	4,199,430.96	1,049,857.74
235	23-Aug	14.25	0.25	0.00	0.00	26,228.15	6,557.04	4,194,646.86	1,048,661.71
235	23-Aug	14.5	0.25	0.00	0.00	34,952.11	8,738.03	4,185,922.90	1,046,480.73
235	23-Aug	14.75	0.25	0.00	0.00	48,460.17	12,115.04	4,172,414.84	1,043,103.71
235	23-Aug	15	0.25	0.00	0.00	68,215.71	17,053.93	4,152,659.30	1,038,164.83
235	23-Aug	15.25	0.25	0.00	0.00	92,473.93	23,118.48	4,128,401.08	1,032,100.27
235	23-Aug	15.5	0.25	0.00	0.00	117,013.58	29,253.39	4,103,861.43	1,025,965.36
235	23-Aug	15.75	0.25	0.00	0.00	146,168.47	36,542.12	4,074,706.53	1,018,676.63
235	23-Aug	16	0.25	0.00	0.00	181,233.15	45,308.29	4,039,641.86	1,009,910.46
235	23-Aug	16.25	0.25	0.00	0.00	219,674.84	54,918.71	4,001,200.17	1,000,300.04
235	23-Aug	16.5	0.25	0.00	0.00	261,212.13	65,303.03	3,959,662.88	989,915.72
235	23-Aug	16.75	0.25	0.00	0.00	322,617.52	80,654.38	3,898,257.49	974,564.37
235	23-Aug	17	0.25	0.00	0.00	383,460.08	95,865.02	3,837,414.93	959,353.73
235	23-Aug	17.25	0.25	0.00	0.00	458,429.81	114,607.45	3,762,445.20	940,611.30
235	23-Aug	17.5	0.25	0.00	0.00	533,455.83	133,363.96	3,687,419.17	921,854.79
235	23-Aug	17.75	0.25	0.00	0.00	608,369.29	152,092.32	3,612,505.72	903,126.43
235	23-Aug	18	0.25	0.00	0.00	703,319.70	175,829.92	3,517,555.31	879,388.83
235	23-Aug	18.25	0.25	0.00	0.00	764,443.67	191,110.92	3,456,431.34	864,107.83
235	23-Aug	18.5	0.25	0.00	0.00	825,792.78	206,448.20	3,395,082.23	848,770.56
235	23-Aug	18.75	0.19	0.00	0.00	888,042.43	168,728.06	3,332,832.58	833,238.19
235	23-Aug	18.88	0.06	0.00	0.00	921,981.43	55,318.89	3,298,893.58	197,933.61
242	30-Aug	7.63	0.06	0.00	0.00	0.00	0.00	4,220,875.01	253,252.50
242	30-Aug	7.75	0.19	0.00	0.00	0.00	0.00	4,220,875.01	801,966.25
242	30-Aug	8	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
242	30-Aug	8.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
242	30-Aug	8.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
242	30-Aug	8.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
242	30-Aug	9	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
242	30-Aug	9.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
242	30-Aug	9.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
242	30-Aug	9.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
242	30-Aug	10	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
242	30-Aug	10.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
242	30-Aug	10.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
242	30-Aug	10.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
242	30-Aug	11	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
242	30-Aug	11.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
242	30-Aug	11.5	0.25	0.00	0.00	2,363.91	590.98	4,218,511.10	1,054,627.77
242	30-Aug	11.75	0.25	0.00	0.00	6,416.33	1,604.08	4,214,458.68	1,053,614.67
242	30-Aug	12	0.25	0.00	0.00	9,680.78	2,420.19	4,211,194.23	1,052,798.56
242	30-Aug	12.25	0.25	0.00	0.00	13,170.36	3,292.59	4,207,704.65	1,051,926.16
242	30-Aug	12.5	0.25	0.00	0.00	15,984.54	3,996.13	4,204,890.47	1,051,222.62
242	30-Aug	12.75	0.25	0.00	0.00	19,192.70	4,798.18	4,201,682.31	1,050,420.58
242	30-Aug	13	0.25	0.00	0.00	20,093.24	5,023.31	4,200,781.77	1,050,195.44
242	30-Aug	13.25	0.25	0.00	0.00	21,894.32	5,473.58	4,198,980.69	1,049,745.17
242	30-Aug	13.5	0.25	0.00	0.00	22,457.15	5,614.29	4,198,417.86	1,049,604.46
242	30-Aug	13.75	0.25	0.00	0.00	22,963.70	5,740.93	4,197,911.31	1,049,477.83
242	30-Aug	14	0.25	0.00	0.00	23,976.81	5,994.20	4,196,898.20	1,049,224.55
242	30-Aug	14.25	0.25	0.00	0.00	29,380.03	7,345.01	4,191,494.98	1,047,873.74
242	30-Aug	14.5	0.25	0.00	0.00	39,454.79	9,863.70	4,181,420.21	1,045,355.05
242	30-Aug	14.75	0.25	0.00	0.00	54,201.09	13,550.27	4,166,673.91	1,041,668.48
242	30-Aug	15	0.25	0.00	0.00	77,333.65	19,333.41	4,143,541.36	1,035,885.34
242	30-Aug	15.25	0.25	0.00	0.00	104,856.32	26,214.08	4,116,018.69	1,029,004.67
242	30-Aug	15.5	0.25	0.00	0.00	134,123.79	33,530.95	4,086,751.22	1,021,687.81
242	30-Aug	15.75	0.25	0.00	0.00	165,473.74	41,368.44	4,055,401.26	1,013,850.32
242	30-Aug	16	0.25	0.00	0.00	201,157.54	50,289.38	4,019,717.47	1,004,929.37
242	30-Aug	16.25	0.25	0.00	0.00	241,681.72	60,420.43	3,979,193.29	994,798.32
242	30-Aug	16.5	0.25	0.00	0.00	294,306.87	73,576.72	3,926,568.13	981,642.03
242	30-Aug	16.75	0.25	0.00	0.00	356,725.37	89,181.34	3,864,149.64	966,037.41
242	30-Aug	17	0.25	0.00	0.00	425,335.06	106,333.77	3,795,539.94	948,884.99
242	30-Aug	17.25	0.25	0.00	0.00	507,903.09	126,975.77	3,712,971.92	928,242.98
242	30-Aug	17.5	0.25	0.00	0.00	599,757.90	149,939.47	3,621,117.11	905,279.28
242	30-Aug	17.75	0.25	0.00	0.00	678,442.35	169,610.59	3,542,432.66	885,608.16
242	30-Aug	18	0.25	0.00	0.00	770,860.00	192,715.00	3,450,015.01	862,503.75
242	30-Aug	18.25	0.25	0.00	0.00	832,377.96	208,094.49	3,388,497.05	847,124.26

DayNum	Date	Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
242	30-Aug	18.5	0.23	0.00	0.00	911,231.27	209,583.19	3,309,643.74	761,218.06
242	30-Aug	18.71	0.11	0.00	0.00	947,871.88	104,265.91	3,273,003.13	360,030.34
249	6-Sep	7.74	0.13	0.00	0.00	0.00	0.00	4,220,875.01	548,713.75
249	6-Sep	8	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
249	6-Sep	8.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
249	6-Sep	8.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
249	6-Sep	8.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
249	6-Sep	9	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
249	6-Sep	9.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
249	6-Sep	9.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
249	6-Sep	9.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
249	6-Sep	10	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
249	6-Sep	10.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
249	6-Sep	10.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
249	6-Sep	10.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
249	6-Sep	11	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
249	6-Sep	11.25	0.25	0.00	0.00	1,350.81	337.70	4,219,524.20	1,054,881.05
249	6-Sep	11.5	0.25	0.00	0.00	5,178.09	1,294.52	4,215,696.92	1,053,924.23
249	6-Sep	11.75	0.25	0.00	0.00	11,087.87	2,771.97	4,209,787.14	1,052,446.79
249	6-Sep	12	0.25	0.00	0.00	14,746.30	3,686.57	4,206,128.71	1,051,532.18
249	6-Sep	12.25	0.25	0.00	0.00	18,235.88	4,558.97	4,202,639.13	1,050,659.78
249	6-Sep	12.5	0.25	0.00	0.00	21,050.06	5,262.52	4,199,824.95	1,049,956.24
249	6-Sep	12.75	0.25	0.00	0.00	23,526.54	5,881.63	4,197,348.47	1,049,337.12
249	6-Sep	13	0.25	0.00	0.00	24,708.49	6,177.12	4,196,166.51	1,049,041.63
249	6-Sep	13.25	0.25	0.00	0.00	25,834.17	6,458.54	4,195,040.84	1,048,760.21
249	6-Sep	13.5	0.25	0.00	0.00	25,890.45	6,472.61	4,194,984.56	1,048,746.14
249	6-Sep	13.75	0.25	0.00	0.00	26,734.70	6,683.68	4,194,140.30	1,048,535.08
249	6-Sep	14	0.25	0.00	0.00	27,578.96	6,894.74	4,193,296.05	1,048,324.01
249	6-Sep	14.25	0.25	0.00	0.00	33,826.44	8,456.61	4,187,048.57	1,046,762.14
249	6-Sep	14.5	0.25	0.00	0.00	45,364.57	11,341.14	4,175,510.44	1,043,877.61
249	6-Sep	14.75	0.25	0.00	0.00	64,726.12	16,181.53	4,156,148.88	1,039,037.22
249	6-Sep	15	0.25	0.00	0.00	89,547.19	22,386.80	4,131,327.82	1,032,831.96
249	6-Sep	15.25	0.25	0.00	0.00	122,360.52	30,590.13	4,098,514.49	1,024,628.62
249	6-Sep	15.5	0.25	0.00	0.00	153,541.62	38,385.41	4,067,333.38	1,016,833.35
249	6-Sep	15.75	0.25	0.00	0.00	187,987.18	46,996.79	4,032,887.83	1,008,221.96
249	6-Sep	16	0.25	0.00	0.00	228,905.35	57,226.34	3,991,969.66	997,992.42
249	6-Sep	16.25	0.25	0.00	0.00	271,680.87	67,920.22	3,949,194.14	987,298.53
249	6-Sep	16.5	0.25	0.00	0.00	324,756.29	81,189.07	3,896,118.71	974,029.68
249	6-Sep	16.75	0.25	0.00	0.00	405,973.51	101,493.38	3,814,901.50	953,725.37
249	6-Sep	17	0.25	0.00	0.00	483,588.58	120,897.14	3,737,286.43	934,321.61
249	6-Sep	17.25	0.25	0.00	0.00	566,606.87	141,651.72	3,654,268.14	913,567.04
249	6-Sep	17.5	0.25	0.00	0.00	665,778.55	166,444.64	3,555,096.46	888,774.12
249	6-Sep	17.75	0.25	0.00	0.00	754,312.63	188,578.16	3,466,562.38	866,640.60
249	6-Sep	18	0.25	0.00	0.00	825,004.81	206,251.20	3,395,870.20	848,967.55
249	6-Sep	18.25	0.27	0.00	0.00	915,227.40	247,111.40	3,305,647.61	892,524.85
249	6-Sep	18.53	0.14	0.00	0.00	1,001,904.12	140,266.58	3,218,970.88	450,655.92
256	13-Sep	7.84	0.08	0.00	0.00	0.00	0.00	4,220,875.01	337,670.00
256	13-Sep	8	0.21	0.00	0.00	0.00	0.00	4,220,875.01	886,383.75
256	13-Sep	8.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
256	13-Sep	8.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
256	13-Sep	8.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
256	13-Sep	9	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
256	13-Sep	9.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
256	13-Sep	9.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
256	13-Sep	9.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
256	13-Sep	10	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
256	13-Sep	10.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
256	13-Sep	10.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
256	13-Sep	10.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
256	13-Sep	11	0.25	0.00	0.00	731.69	182.92	4,220,143.32	1,055,035.83
256	13-Sep	11.25	0.25	0.00	0.00	4,052.42	1,013.10	4,216,822.59	1,054,205.65
256	13-Sep	11.5	0.25	0.00	0.00	9,399.36	2,349.84	4,211,475.65	1,052,868.91
256	13-Sep	11.75	0.25	0.00	0.00	14,746.30	3,686.57	4,206,128.71	1,051,532.18
256	13-Sep	12	0.25	0.00	0.00	20,262.09	5,065.52	4,200,612.92	1,050,153.23
256	13-Sep	12.25	0.25	0.00	0.00	25,158.76	6,289.69	4,195,716.25	1,048,929.06
256	13-Sep	12.5	0.25	0.00	0.00	27,241.26	6,810.31	4,193,633.75	1,048,408.44
256	13-Sep	12.75	0.25	0.00	0.00	29,042.33	7,260.58	4,191,832.68	1,047,958.17
256	13-Sep	13	0.25	0.00	0.00	29,380.03	7,345.01	4,191,494.98	1,047,873.74
256	13-Sep	13.25	0.25	0.00	0.00	29,717.73	7,429.43	4,191,157.27	1,047,789.32
256	13-Sep	13.5	0.25	0.00	0.00	30,168.00	7,542.00	4,190,707.01	1,047,676.75
256	13-Sep	13.75	0.25	0.00	0.00	29,830.30	7,457.58	4,191,044.71	1,047,761.18
256	13-Sep	14	0.25	0.00	0.00	31,856.51	7,964.13	4,189,018.50	1,047,254.62
256	13-Sep	14.25	0.25	0.00	0.00	41,593.57	10,398.39	4,179,281.44	1,044,820.36
256	13-Sep	14.5	0.25	0.00	0.00	56,227.30	14,056.83	4,164,647.71	1,041,161.93
256	13-Sep	14.75	0.25	0.00	0.00	78,797.02	19,699.26	4,142,077.99	1,035,519.50
256	13-Sep	15	0.25	0.00	0.00	108,345.90	27,086.48	4,112,529.10	1,028,132.28
256	13-Sep	15.25	0.25	0.00	0.00	144,761.38	36,190.35	4,076,113.62	1,019,028.41
256	13-Sep	15.5	0.25	0.00	0.00	176,561.61	44,140.40	4,044,313.40	1,011,078.35
256	13-Sep	15.75	0.25	0.00	0.00	215,847.55	53,961.89	4,005,027.45	1,001,256.86
256	13-Sep	16	0.25	0.00	0.00	255,865.18	63,966.30	3,965,009.82	991,252.46

DayNum	Date	Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
256	13-Sep	16.25	0.25	0.00	0.00	305,901.29	76,475.32	3,914,973.72	978,743.43
256	13-Sep	16.5	0.25	0.00	0.00	374,679.84	93,669.96	3,846,195.17	961,548.79
256	13-Sep	16.75	0.25	0.00	0.00	461,018.86	115,254.71	3,759,856.15	939,964.04
256	13-Sep	17	0.25	0.00	0.00	550,284.63	137,571.16	3,670,590.38	917,647.60
256	13-Sep	17.25	0.25	0.00	0.00	654,859.53	163,714.88	3,566,015.48	891,503.87
256	13-Sep	17.5	0.25	0.00	0.00	721,217.88	180,304.47	3,499,657.13	874,914.28
256	13-Sep	17.75	0.25	0.00	0.00	821,965.50	205,491.37	3,398,909.51	849,727.38
256	13-Sep	18	0.25	0.00	0.00	899,130.30	224,782.57	3,321,744.71	830,436.18
256	13-Sep	18.25	0.18	0.00	0.00	974,325.17	175,378.53	3,246,549.84	584,378.97
256	13-Sep	18.35	0.05	0.00	0.00	1,010,346.66	50,517.33	3,210,528.35	160,526.42
263	20-Sep	7.95	0.02	0.00	0.00	0.00	0.00	4,220,875.01	84,417.50
263	20-Sep	8	0.15	0.00	0.00	0.00	0.00	4,220,875.01	633,131.25
263	20-Sep	8.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
263	20-Sep	8.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
263	20-Sep	8.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
263	20-Sep	9	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
263	20-Sep	9.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
263	20-Sep	9.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
263	20-Sep	9.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
263	20-Sep	10	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
263	20-Sep	10.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
263	20-Sep	10.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
263	20-Sep	10.75	0.25	0.00	0.00	112.57	28.14	4,220,762.44	1,055,190.61
263	20-Sep	11	0.25	0.00	0.00	2,195.06	548.76	4,218,679.95	1,054,669.99
263	20-Sep	11.25	0.25	0.00	0.00	7,035.45	1,758.86	4,213,839.56	1,053,459.89
263	20-Sep	11.5	0.25	0.00	0.00	12,494.96	3,123.74	4,208,380.05	1,052,095.01
263	20-Sep	11.75	0.25	0.00	0.00	18,855.00	4,713.75	4,202,020.01	1,050,505.00
263	20-Sep	12	0.25	0.00	0.00	25,158.76	6,289.69	4,195,716.25	1,048,929.06
263	20-Sep	12.25	0.25	0.00	0.00	30,899.69	7,724.92	4,189,975.32	1,047,493.83
263	20-Sep	12.5	0.25	0.00	0.00	32,194.21	8,048.55	4,188,680.80	1,047,170.20
263	20-Sep	12.75	0.25	0.00	0.00	33,939.00	8,484.75	4,186,936.01	1,046,734.00
263	20-Sep	13	0.25	0.00	0.00	33,939.00	8,484.75	4,186,936.01	1,046,734.00
263	20-Sep	13.25	0.25	0.00	0.00	35,120.96	8,780.24	4,185,754.05	1,046,438.51
263	20-Sep	13.5	0.25	0.00	0.00	34,558.12	8,639.53	4,186,316.89	1,046,579.22
263	20-Sep	13.75	0.25	0.00	0.00	35,571.23	8,892.81	4,185,303.78	1,046,325.95
263	20-Sep	14	0.25	0.00	0.00	42,494.11	10,623.53	4,178,380.90	1,044,595.23
263	20-Sep	14.25	0.25	0.00	0.00	53,638.26	13,409.56	4,167,236.75	1,041,809.19
263	20-Sep	14.5	0.25	0.00	0.00	71,536.44	17,884.11	4,149,338.57	1,037,334.64
263	20-Sep	14.75	0.25	0.00	0.00	95,344.40	23,836.10	4,125,530.61	1,031,382.65
263	20-Sep	15	0.25	0.00	0.00	125,568.68	31,392.17	4,095,306.33	1,023,826.58
263	20-Sep	15.25	0.25	0.00	0.00	164,516.92	41,129.23	4,056,358.08	1,014,089.52
263	20-Sep	15.5	0.25	0.00	0.00	202,395.78	50,598.94	4,018,479.23	1,004,619.81
263	20-Sep	15.75	0.25	0.00	0.00	243,539.08	60,884.77	3,977,335.93	994,333.98
263	20-Sep	16	0.25	0.00	0.00	290,761.01	72,690.25	3,930,114.00	982,528.50
263	20-Sep	16.25	0.25	0.00	0.00	351,378.43	87,844.61	3,869,496.58	967,374.14
263	20-Sep	16.5	0.25	0.00	0.00	429,106.06	107,276.52	3,791,768.94	947,942.24
263	20-Sep	16.75	0.25	0.00	0.00	522,649.38	130,662.35	3,698,225.62	924,556.41
263	20-Sep	17	0.25	0.00	0.00	639,662.96	159,915.74	3,581,212.05	895,303.01
263	20-Sep	17.25	0.25	0.00	0.00	758,815.31	189,703.83	3,462,059.69	865,514.92
263	20-Sep	17.5	0.25	0.00	0.00	796,018.77	199,004.69	3,424,856.24	856,214.06
263	20-Sep	17.75	0.25	0.00	0.00	865,303.86	216,325.97	3,355,571.15	838,892.79
263	20-Sep	18	0.21	0.00	0.00	942,918.93	198,012.97	3,277,956.08	688,370.78
263	20-Sep	18.16	0.08	0.00	0.00	1,001,397.57	80,111.81	3,219,477.44	257,558.19
270	27-Sep	8.05	0.1	0.00	0.00	0.00	0.00	4,220,875.01	422,087.50
270	27-Sep	8.25	0.22	0.00	0.00	0.00	0.00	4,220,875.01	928,592.50
270	27-Sep	8.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
270	27-Sep	8.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
270	27-Sep	9	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
270	27-Sep	9.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
270	27-Sep	9.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
270	27-Sep	9.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
270	27-Sep	10	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
270	27-Sep	10.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
270	27-Sep	10.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
270	27-Sep	10.75	0.25	0.00	0.00	1,350.81	337.70	4,219,524.20	1,054,881.05
270	27-Sep	11	0.25	0.00	0.00	5,572.08	1,393.02	4,215,302.93	1,053,825.73
270	27-Sep	11.25	0.25	0.00	0.00	10,975.30	2,743.82	4,209,899.71	1,052,474.93
270	27-Sep	11.5	0.25	0.00	0.00	16,885.08	4,221.27	4,203,989.93	1,050,997.48
270	27-Sep	11.75	0.25	0.00	0.00	23,751.67	5,937.92	4,197,123.33	1,049,280.83
270	27-Sep	12	0.25	0.00	0.00	29,267.47	7,316.87	4,191,607.54	1,047,901.89
270	27-Sep	12.25	0.25	0.00	0.00	36,696.90	9,174.22	4,184,178.11	1,046,044.53
270	27-Sep	12.5	0.25	0.00	0.00	38,103.99	9,526.00	4,182,771.02	1,045,692.76
270	27-Sep	12.75	0.25	0.00	0.00	39,792.50	9,948.12	4,181,082.51	1,045,270.63
270	27-Sep	13	0.25	0.00	0.00	38,891.96	9,722.99	4,181,983.05	1,045,495.76
270	27-Sep	13.25	0.25	0.00	0.00	39,567.36	9,891.84	4,181,307.65	1,045,326.91
270	27-Sep	13.5	0.25	0.00	0.00	41,312.15	10,328.04	4,179,562.86	1,044,890.71
270	27-Sep	13.75	0.25	0.00	0.00	48,685.30	12,171.33	4,172,189.71	1,043,047.43
270	27-Sep	14	0.25	0.00	0.00	58,422.36	14,605.59	4,162,452.65	1,040,613.16
270	27-Sep	14.25	0.25	0.00	0.00	71,367.59	17,841.90	4,149,507.42	1,037,376.86
270	27-Sep	14.5	0.25	0.00	0.00	87,464.69	21,866.17	4,133,410.31	1,033,352.58

DayNum	Date	Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
270	27-Sep	14.75	0.25	0.00	0.00	112,736.02	28,184.01	4,108,138.98	1,027,034.75
270	27-Sep	15	0.25	0.00	0.00	146,281.04	36,570.26	4,074,593.97	1,018,648.49
270	27-Sep	15.25	0.25	0.00	0.00	187,311.78	46,827.94	4,033,563.23	1,008,390.81
270	27-Sep	15.5	0.25	0.00	0.00	230,425.00	57,606.25	3,990,450.00	997,612.50
270	27-Sep	15.75	0.25	0.00	0.00	277,196.66	69,299.17	3,943,678.34	985,919.59
270	27-Sep	16	0.25	0.00	0.00	333,874.24	83,468.56	3,887,000.77	971,750.19
270	27-Sep	16.25	0.25	0.00	0.00	400,570.29	100,142.57	3,820,304.72	955,076.18
270	27-Sep	16.5	0.25	0.00	0.00	490,961.73	122,740.43	3,729,913.28	932,478.32
270	27-Sep	16.75	0.25	0.00	0.00	616,248.99	154,062.25	3,604,626.02	901,156.50
270	27-Sep	17	0.25	0.00	0.00	755,776.00	188,944.00	3,465,099.01	866,274.75
270	27-Sep	17.25	0.25	0.00	0.00	869,074.86	217,268.72	3,351,800.15	837,950.04
270	27-Sep	17.5	0.25	0.00	0.00	897,498.07	224,374.52	3,323,376.94	830,844.23
270	27-Sep	17.75	0.23	0.00	0.00	880,950.70	202,618.66	3,339,924.31	768,182.59
270	27-Sep	17.97	0.11	0.00	0.00	972,186.39	106,940.50	3,248,688.62	357,355.75
277	4-Oct	8.16	0.04	0.00	0.00	0.00	0.00	4,220,875.01	168,835.00
277	4-Oct	8.25	0.17	0.00	0.00	0.00	0.00	4,220,875.01	717,548.75
277	4-Oct	8.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
277	4-Oct	8.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
277	4-Oct	9	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
277	4-Oct	9.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
277	4-Oct	9.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
277	4-Oct	9.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
277	4-Oct	10	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
277	4-Oct	10.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
277	4-Oct	10.5	0.25	0.00	0.00	731.69	182.92	4,220,143.32	1,055,035.83
277	4-Oct	10.75	0.25	0.00	0.00	4,052.42	1,013.10	4,216,822.59	1,054,205.65
277	4-Oct	11	0.25	0.00	0.00	8,048.55	2,012.14	4,212,826.46	1,053,206.61
277	4-Oct	11.25	0.25	0.00	0.00	13,733.20	3,433.30	4,207,141.81	1,051,785.45
277	4-Oct	11.5	0.25	0.00	0.00	18,911.29	4,727.82	4,201,963.72	1,050,490.93
277	4-Oct	11.75	0.25	0.00	0.00	27,128.69	6,782.17	4,193,746.32	1,048,436.58
277	4-Oct	12	0.25	0.00	0.00	33,319.88	8,329.97	4,187,555.13	1,046,888.78
277	4-Oct	12.25	0.25	0.00	0.00	39,961.35	9,990.34	4,180,913.66	1,045,228.42
277	4-Oct	12.5	0.25	0.00	0.00	45,477.14	11,369.28	4,175,397.87	1,043,849.47
277	4-Oct	12.75	0.25	0.00	0.00	45,645.99	11,411.50	4,175,229.02	1,043,807.25
277	4-Oct	13	0.25	0.00	0.00	44,238.90	11,059.72	4,176,636.11	1,044,159.03
277	4-Oct	13.25	0.25	0.00	0.00	48,741.59	12,185.40	4,172,133.42	1,043,033.36
277	4-Oct	13.5	0.25	0.00	0.00	54,426.23	13,606.56	4,166,448.78	1,041,612.20
277	4-Oct	13.75	0.25	0.00	0.00	65,232.68	16,308.17	4,155,642.33	1,038,910.58
277	4-Oct	14	0.25	0.00	0.00	76,433.11	19,108.28	4,144,441.90	1,036,110.47
277	4-Oct	14.25	0.25	0.00	0.00	89,547.19	22,386.80	4,131,327.82	1,032,831.96
277	4-Oct	14.5	0.25	0.00	0.00	104,293.49	26,073.37	4,116,581.52	1,029,145.38
277	4-Oct	14.75	0.25	0.00	0.00	132,604.13	33,151.03	4,088,270.88	1,022,067.72
277	4-Oct	15	0.25	0.00	0.00	167,668.80	41,917.20	4,053,206.20	1,013,301.55
277	4-Oct	15.25	0.25	0.00	0.00	214,384.18	53,596.05	4,006,490.83	1,001,622.71
277	4-Oct	15.5	0.25	0.00	0.00	260,593.01	65,148.25	3,960,282.00	990,070.50
277	4-Oct	15.75	0.25	0.00	0.00	311,248.23	77,812.06	3,909,626.77	977,406.69
277	4-Oct	16	0.25	0.00	0.00	374,117.00	93,529.25	3,846,758.01	961,689.50
277	4-Oct	16.25	0.25	0.00	0.00	449,199.30	112,299.83	3,771,675.70	942,918.93
277	4-Oct	16.5	0.25	0.00	0.00	567,394.84	141,848.71	3,653,480.17	913,370.04
277	4-Oct	16.75	0.25	0.00	0.00	711,480.82	177,870.20	3,509,394.19	877,348.55
277	4-Oct	17	0.25	0.00	0.00	894,627.61	223,656.90	3,326,247.40	831,561.85
277	4-Oct	17.25	0.25	0.00	0.00	989,184.03	247,296.01	3,231,690.97	807,922.74
277	4-Oct	17.5	0.27	0.00	0.00	978,490.15	264,192.34	3,242,384.86	875,443.91
277	4-Oct	17.79	0.14	0.00	0.00	945,451.69	132,363.24	3,275,423.32	458,559.26
284	11-Oct	8.27	0.12	0.00	0.00	0.00	0.00	4,220,875.01	506,505.00
284	11-Oct	8.5	0.24	0.00	0.00	0.00	0.00	4,220,875.01	1,013,010.00
284	11-Oct	8.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
284	11-Oct	9	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
284	11-Oct	9.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
284	11-Oct	9.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
284	11-Oct	9.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
284	11-Oct	10	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
284	11-Oct	10.25	0.25	0.00	0.00	56.28	14.07	4,220,818.72	1,055,204.68
284	11-Oct	10.5	0.25	0.00	0.00	2,195.06	548.76	4,218,679.95	1,054,669.99
284	11-Oct	10.75	0.25	0.00	0.00	6,416.33	1,604.08	4,214,458.68	1,053,614.67
284	11-Oct	11	0.25	0.00	0.00	10,581.31	2,645.33	4,210,293.69	1,052,573.42
284	11-Oct	11.25	0.25	0.00	0.00	16,265.96	4,066.49	4,204,609.05	1,051,152.26
284	11-Oct	11.5	0.25	0.00	0.00	22,513.43	5,628.36	4,198,361.57	1,049,590.39
284	11-Oct	11.75	0.25	0.00	0.00	29,492.60	7,373.15	4,191,382.41	1,047,845.60
284	11-Oct	12	0.25	0.00	0.00	36,471.76	9,117.94	4,184,403.24	1,046,100.81
284	11-Oct	12.25	0.25	0.00	0.00	42,606.68	10,651.67	4,178,268.33	1,044,567.08
284	11-Oct	12.5	0.25	0.00	0.00	48,291.32	12,072.83	4,172,583.69	1,043,145.92
284	11-Oct	12.75	0.25	0.00	0.00	51,780.90	12,945.22	4,169,094.11	1,042,273.53
284	11-Oct	13	0.25	0.00	0.00	54,313.66	13,578.42	4,166,561.35	1,041,640.34
284	11-Oct	13.25	0.25	0.00	0.00	63,037.62	15,759.40	4,157,837.39	1,039,459.35
284	11-Oct	13.5	0.25	0.00	0.00	70,467.05	17,616.76	4,150,407.96	1,037,601.99
284	11-Oct	13.75	0.25	0.00	0.00	83,018.29	20,754.57	4,137,856.72	1,034,464.18
284	11-Oct	14	0.25	0.00	0.00	97,089.19	24,272.30	4,123,785.82	1,030,946.46
284	11-Oct	14.25	0.25	0.00	0.00	112,229.47	28,057.37	4,108,645.54	1,027,161.38
284	11-Oct	14.5	0.25	0.00	0.00	127,200.91	31,800.23	4,093,674.10	1,023,418.53

DayNum	Date	Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
284	11-Oct	14.75	0.25	0.00	0.00	150,952.58	37,738.14	4,069,922.43	1,017,480.61
284	11-Oct	15	0.25	0.00	0.00	191,814.46	47,953.62	4,029,060.55	1,007,265.14
284	11-Oct	15.25	0.25	0.00	0.00	240,274.63	60,068.66	3,980,600.38	995,150.09
284	11-Oct	15.5	0.25	0.00	0.00	288,284.53	72,071.13	3,932,590.48	983,147.62
284	11-Oct	15.75	0.25	0.00	0.00	342,710.76	85,677.69	3,878,164.25	969,541.06
284	11-Oct	16	0.25	0.00	0.00	421,057.51	105,264.38	3,799,817.50	949,954.37
284	11-Oct	16.25	0.25	0.00	0.00	518,765.82	129,691.45	3,702,109.19	925,527.30
284	11-Oct	16.5	0.25	0.00	0.00	652,720.75	163,180.19	3,568,154.25	892,038.56
284	11-Oct	16.75	0.25	0.00	0.00	832,771.95	208,192.99	3,388,103.06	847,025.77
284	11-Oct	17	0.25	0.00	0.00	1,040,908.65	260,227.16	3,179,966.36	794,991.59
284	11-Oct	17.25	0.25	0.00	0.00	1,118,580.00	279,645.00	3,102,295.01	775,573.75
284	11-Oct	17.5	0.19	0.00	0.00	1,045,411.34	198,628.15	3,175,463.67	603,338.10
284	11-Oct	17.62	0.06	0.00	0.00	1,034,661.17	62,079.67	3,186,213.84	191,172.83
291	18-Oct	8.38	0.06	0.00	0.00	0.00	0.00	4,220,875.01	253,252.50
291	18-Oct	8.5	0.18	0.00	0.00	0.00	0.00	4,220,875.01	759,757.50
291	18-Oct	8.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
291	18-Oct	9	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
291	18-Oct	9.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
291	18-Oct	9.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
291	18-Oct	9.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
291	18-Oct	10	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
291	18-Oct	10.25	0.25	0.00	0.00	1,350.81	337.70	4,219,524.20	1,054,881.05
291	18-Oct	10.5	0.25	0.00	0.00	4,277.55	1,069.39	4,216,597.46	1,054,149.36
291	18-Oct	10.75	0.25	0.00	0.00	8,329.97	2,082.49	4,212,545.04	1,053,136.26
291	18-Oct	11	0.25	0.00	0.00	13,395.49	3,348.87	4,207,479.51	1,051,869.88
291	18-Oct	11.25	0.25	0.00	0.00	18,461.02	4,615.25	4,202,413.99	1,050,603.50
291	18-Oct	11.5	0.25	0.00	0.00	24,652.21	6,163.05	4,196,222.80	1,049,055.70
291	18-Oct	11.75	0.25	0.00	0.00	32,475.63	8,118.91	4,188,399.38	1,047,099.84
291	18-Oct	12	0.25	0.00	0.00	39,117.09	9,779.27	4,181,757.92	1,045,439.48
291	18-Oct	12.25	0.25	0.00	0.00	45,252.00	11,313.00	4,175,623.00	1,043,905.75
291	18-Oct	12.5	0.25	0.00	0.00	52,625.15	13,156.29	4,168,249.85	1,042,062.46
291	18-Oct	12.75	0.25	0.00	0.00	63,093.90	15,773.48	4,157,781.11	1,039,445.28
291	18-Oct	13	0.25	0.00	0.00	69,172.53	17,293.13	4,151,702.48	1,037,925.62
291	18-Oct	13.25	0.25	0.00	0.00	78,628.17	19,657.04	4,142,246.84	1,035,561.71
291	18-Oct	13.5	0.25	0.00	0.00	90,222.59	22,555.65	4,130,652.42	1,032,663.10
291	18-Oct	13.75	0.25	0.00	0.00	104,856.32	26,214.08	4,116,018.69	1,029,004.67
291	18-Oct	14	0.25	0.00	0.00	119,039.79	29,759.95	4,101,835.22	1,025,458.81
291	18-Oct	14.25	0.25	0.00	0.00	133,504.67	33,376.17	4,087,370.34	1,021,842.59
291	18-Oct	14.5	0.25	0.00	0.00	147,237.86	36,809.47	4,073,637.15	1,018,409.29
291	18-Oct	14.75	0.25	0.00	0.00	174,535.40	43,633.85	4,046,339.61	1,011,584.90
291	18-Oct	15	0.25	0.00	0.00	219,280.85	54,820.21	4,001,594.16	1,000,398.54
291	18-Oct	15.25	0.25	0.00	0.00	267,459.60	66,864.90	3,953,415.40	988,353.85
291	18-Oct	15.5	0.25	0.00	0.00	319,521.92	79,880.48	3,901,353.09	975,338.27
291	18-Oct	15.75	0.25	0.00	0.00	388,300.46	97,075.12	3,832,574.54	958,143.64
291	18-Oct	16	0.25	0.00	0.00	477,791.37	119,447.84	3,743,083.64	935,770.91
291	18-Oct	16.25	0.25	0.00	0.00	584,673.90	146,168.47	3,636,201.11	909,050.28
291	18-Oct	16.5	0.25	0.00	0.00	734,388.24	183,597.06	3,486,486.77	871,621.69
291	18-Oct	16.75	0.25	0.00	0.00	941,230.42	235,307.60	3,279,644.59	819,911.15
291	18-Oct	17	0.25	0.00	0.00	1,150,774.21	287,693.55	3,070,100.80	767,525.20
291	18-Oct	17.25	0.22	0.00	0.00	1,253,041.49	275,669.13	2,967,833.52	652,923.37
291	18-Oct	17.45	0.1	0.00	0.00	1,177,508.91	117,750.89	3,043,366.09	304,336.61
298	25-Oct	7.5	0.13	0.00	0.00	0.00	0.00	4,220,875.01	548,713.75
298	25-Oct	7.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
298	25-Oct	8	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
298	25-Oct	8.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
298	25-Oct	8.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
298	25-Oct	8.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
298	25-Oct	9	0.25	0.00	0.00	281.42	70.35	4,220,593.59	1,055,148.40
298	25-Oct	9.25	0.25	0.00	0.00	2,757.90	689.47	4,218,117.11	1,054,529.28
298	25-Oct	9.5	0.25	0.00	0.00	6,360.05	1,590.01	4,214,514.96	1,053,628.74
298	25-Oct	9.75	0.25	0.00	0.00	10,412.46	2,603.12	4,210,462.54	1,052,615.64
298	25-Oct	10	0.25	0.00	0.00	15,196.57	3,799.14	4,205,678.44	1,051,419.61
298	25-Oct	10.25	0.25	0.00	0.00	20,937.49	5,234.37	4,199,937.51	1,049,984.38
298	25-Oct	10.5	0.25	0.00	0.00	26,903.55	6,725.89	4,193,971.45	1,048,492.86
298	25-Oct	10.75	0.25	0.00	0.00	33,657.58	8,414.40	4,187,217.42	1,046,804.36
298	25-Oct	11	0.25	0.00	0.00	43,169.51	10,792.38	4,177,705.50	1,044,426.37
298	25-Oct	11.25	0.25	0.00	0.00	52,794.00	13,198.50	4,168,081.00	1,042,020.25
298	25-Oct	11.5	0.25	0.00	0.00	63,262.75	15,815.69	4,157,612.26	1,039,403.06
298	25-Oct	11.75	0.25	0.00	0.00	76,264.26	19,066.06	4,144,610.75	1,036,152.69
298	25-Oct	12	0.25	0.00	0.00	84,706.80	21,176.70	4,136,168.21	1,034,042.05
298	25-Oct	12.25	0.25	0.00	0.00	97,314.32	24,328.58	4,123,560.69	1,030,890.17
298	25-Oct	12.5	0.25	0.00	0.00	110,090.70	27,522.67	4,110,784.31	1,027,696.08
298	25-Oct	12.75	0.25	0.00	0.00	125,005.85	31,251.46	4,095,869.16	1,023,967.29
298	25-Oct	13	0.25	0.00	0.00	141,328.09	35,332.02	4,079,546.92	1,019,886.73
298	25-Oct	13.25	0.25	0.00	0.00	158,607.15	39,651.79	4,062,267.86	1,015,566.97
298	25-Oct	13.5	0.25	0.00	0.00	178,418.97	44,604.74	4,042,456.04	1,010,614.01
298	25-Oct	13.75	0.25	0.00	0.00	205,491.37	51,372.84	4,015,383.63	1,003,845.91
298	25-Oct	14	0.25	0.00	0.00	250,630.81	62,657.70	3,970,244.20	992,561.05
298	25-Oct	14.25	0.25	0.00	0.00	301,567.46	75,391.86	3,919,307.55	979,826.89
298	25-Oct	14.5	0.25	0.00	0.00	359,033.00	89,758.25	3,861,842.01	965,460.50

DayNum	Date	Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
298	25-Oct	14.75	0.25	0.00	0.00	439,856.23	109,964.06	3,781,018.78	945,254.69
298	25-Oct	15	0.25	0.00	0.00	535,819.74	133,954.94	3,685,055.26	921,263.82
298	25-Oct	15.25	0.25	0.00	0.00	661,107.01	165,276.75	3,559,768.00	889,942.00
298	25-Oct	15.5	0.25	0.00	0.00	825,905.35	206,476.34	3,394,969.66	848,742.41
298	25-Oct	15.75	0.25	0.00	0.00	1,014,680.50	253,670.12	3,206,194.51	801,548.63
298	25-Oct	16	0.25	0.00	0.00	1,255,911.95	313,977.99	2,964,963.06	741,240.76
298	25-Oct	16.25	0.15	0.00	0.00	1,352,213.17	202,831.98	2,868,661.84	430,299.28
298	25-Oct	16.3	0.03	0.00	0.00	1,346,528.53	40,395.86	2,874,346.48	86,230.39
305	1-Nov	7.61	0.07	0.00	0.00	0.00	0.00	4,220,875.01	295,461.25
305	1-Nov	7.75	0.19	0.00	0.00	0.00	0.00	4,220,875.01	801,966.25
305	1-Nov	8	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
305	1-Nov	8.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
305	1-Nov	8.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
305	1-Nov	8.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
305	1-Nov	9	0.25	0.00	0.00	1,350.81	337.70	4,219,524.20	1,054,881.05
305	1-Nov	9.25	0.25	0.00	0.00	4,333.84	1,083.46	4,216,541.17	1,054,135.29
305	1-Nov	9.5	0.25	0.00	0.00	7,935.99	1,984.00	4,212,939.02	1,053,234.76
305	1-Nov	9.75	0.25	0.00	0.00	12,607.52	3,151.88	4,208,267.49	1,052,066.87
305	1-Nov	10	0.25	0.00	0.00	17,504.20	4,376.05	4,203,370.81	1,050,842.70
305	1-Nov	10.25	0.25	0.00	0.00	23,301.40	5,825.35	4,197,573.60	1,049,393.40
305	1-Nov	10.5	0.25	0.00	0.00	28,479.49	7,119.87	4,192,395.51	1,048,098.88
305	1-Nov	10.75	0.25	0.00	0.00	37,203.45	9,300.86	4,183,671.56	1,045,917.89
305	1-Nov	11	0.25	0.00	0.00	48,741.59	12,185.40	4,172,133.42	1,043,033.36
305	1-Nov	11.25	0.25	0.00	0.00	65,288.96	16,322.24	4,155,586.05	1,038,896.51
305	1-Nov	11.5	0.25	0.00	0.00	76,207.98	19,051.99	4,144,667.03	1,036,166.76
305	1-Nov	11.75	0.25	0.00	0.00	89,209.48	22,302.37	4,131,665.52	1,032,916.38
305	1-Nov	12	0.25	0.00	0.00	99,678.23	24,919.56	4,121,196.78	1,030,299.19
305	1-Nov	12.25	0.25	0.00	0.00	118,026.68	29,506.67	4,102,848.33	1,025,712.08
305	1-Nov	12.5	0.25	0.00	0.00	132,885.55	33,221.39	4,087,989.46	1,021,997.37
305	1-Nov	12.75	0.25	0.00	0.00	147,575.56	36,893.89	4,073,299.44	1,018,324.86
305	1-Nov	13	0.25	0.00	0.00	167,893.94	41,973.48	4,052,981.07	1,013,245.27
305	1-Nov	13.25	0.25	0.00	0.00	190,857.64	47,714.41	4,030,017.37	1,007,504.34
305	1-Nov	13.5	0.25	0.00	0.00	208,643.26	52,160.81	4,012,231.75	1,003,057.94
305	1-Nov	13.75	0.25	0.00	0.00	235,152.82	58,788.21	3,985,722.18	996,430.55
305	1-Nov	14	0.25	0.00	0.00	280,404.83	70,101.21	3,940,470.18	985,117.55
305	1-Nov	14.25	0.25	0.00	0.00	335,787.88	83,946.97	3,885,087.13	971,271.78
305	1-Nov	14.5	0.25	0.00	0.00	402,258.79	100,564.70	3,818,616.22	954,654.05
305	1-Nov	14.75	0.25	0.00	0.00	500,529.94	125,132.48	3,720,345.07	930,086.27
305	1-Nov	15	0.25	0.00	0.00	611,014.62	152,753.65	3,609,860.39	902,465.10
305	1-Nov	15.25	0.25	0.00	0.00	739,847.75	184,961.94	3,481,027.26	870,256.82
305	1-Nov	15.5	0.25	0.00	0.00	881,232.12	220,308.03	3,339,642.89	834,910.72
305	1-Nov	15.75	0.25	0.00	0.00	1,063,478.37	265,869.59	3,157,396.64	789,349.16
305	1-Nov	16	0.21	0.00	0.00	1,282,590.37	269,343.98	2,938,284.64	617,039.77
305	1-Nov	16.17	0.09	0.00	0.00	1,362,794.48	122,651.50	2,858,080.53	257,227.25
312	8-Nov	7.73	0.01	0.00	0.00	0.00	0.00	4,220,875.01	42,208.75
312	8-Nov	7.75	0.13	0.00	0.00	0.00	0.00	4,220,875.01	548,713.75
312	8-Nov	8	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
312	8-Nov	8.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
312	8-Nov	8.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
312	8-Nov	8.75	0.25	0.00	0.00	281.42	70.35	4,220,593.59	1,055,148.40
312	8-Nov	9	0.25	0.00	0.00	2,195.06	548.76	4,218,679.95	1,054,669.99
312	8-Nov	9.25	0.25	0.00	0.00	5,684.64	1,421.16	4,215,190.37	1,053,797.59
312	8-Nov	9.5	0.25	0.00	0.00	9,343.08	2,335.77	4,211,531.93	1,052,882.98
312	8-Nov	9.75	0.25	0.00	0.00	13,733.20	3,433.30	4,207,141.81	1,051,785.45
312	8-Nov	10	0.25	0.00	0.00	18,911.29	4,727.82	4,201,963.72	1,050,490.93
312	8-Nov	10.25	0.25	0.00	0.00	24,314.51	6,078.63	4,196,560.50	1,049,140.12
312	8-Nov	10.5	0.25	0.00	0.00	32,250.50	8,062.62	4,188,624.51	1,047,156.13
312	8-Nov	10.75	0.25	0.00	0.00	42,719.24	10,679.81	4,178,155.77	1,044,538.94
312	8-Nov	11	0.25	0.00	0.00	55,214.20	13,803.55	4,165,660.81	1,041,415.20
312	8-Nov	11.25	0.25	0.00	0.00	73,900.35	18,475.09	4,146,974.66	1,036,743.66
312	8-Nov	11.5	0.25	0.00	0.00	89,040.63	22,260.16	4,131,834.37	1,032,958.59
312	8-Nov	11.75	0.25	0.00	0.00	101,817.01	25,454.25	4,119,058.00	1,029,764.50
312	8-Nov	12	0.25	0.00	0.00	112,961.16	28,240.29	4,107,913.85	1,026,978.46
312	8-Nov	12.25	0.25	0.00	0.00	134,348.92	33,587.23	4,086,526.09	1,021,631.52
312	8-Nov	12.5	0.25	0.00	0.00	149,658.06	37,414.51	4,071,216.95	1,017,804.24
312	8-Nov	12.75	0.25	0.00	0.00	171,496.09	42,874.02	4,049,378.92	1,012,344.73
312	8-Nov	13	0.25	0.00	0.00	191,420.48	47,855.12	4,029,454.53	1,007,363.63
312	8-Nov	13.25	0.25	0.00	0.00	221,532.20	55,383.05	3,999,342.81	999,835.70
312	8-Nov	13.5	0.25	0.00	0.00	239,542.94	59,885.74	3,981,332.06	995,333.02
312	8-Nov	13.75	0.25	0.00	0.00	265,039.41	66,259.85	3,955,835.60	988,958.90
312	8-Nov	14	0.25	0.00	0.00	314,174.98	78,543.75	3,906,700.03	976,675.01
312	8-Nov	14.25	0.25	0.00	0.00	374,060.72	93,515.18	3,846,814.29	961,703.57
312	8-Nov	14.5	0.25	0.00	0.00	446,553.98	111,638.49	3,774,321.03	943,580.26
312	8-Nov	14.75	0.25	0.00	0.00	560,077.97	140,019.49	3,660,797.04	915,199.26
312	8-Nov	15	0.25	0.00	0.00	677,260.40	169,315.10	3,543,614.61	885,903.65
312	8-Nov	15.25	0.25	0.00	0.00	810,427.36	202,606.84	3,410,447.65	852,611.91
312	8-Nov	15.5	0.25	0.00	0.00	915,790.24	228,947.56	3,305,084.77	826,271.19
312	8-Nov	15.75	0.25	0.00	0.00	1,082,558.50	270,639.63	3,138,316.50	784,579.13
312	8-Nov	16	0.15	0.00	0.00	1,257,769.31	188,665.40	2,963,105.70	444,465.85
312	8-Nov	16.05	0.03	0.00	0.00	1,271,615.07	38,148.45	2,949,259.94	88,477.80

DayNum	Date	Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
319	15-Nov	7.85	0.08	0.00	0.00	0.00	0.00	4,220,875.01	337,670.00
319	15-Nov	8	0.2	0.00	0.00	0.00	0.00	4,220,875.01	844,175.00
319	15-Nov	8.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
319	15-Nov	8.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
319	15-Nov	8.75	0.25	0.00	0.00	731.69	182.92	4,220,143.32	1,055,035.83
319	15-Nov	9	0.25	0.00	0.00	3,151.88	787.97	4,217,723.13	1,054,430.78
319	15-Nov	9.25	0.25	0.00	0.00	6,472.61	1,618.15	4,214,402.40	1,053,600.60
319	15-Nov	9.5	0.25	0.00	0.00	10,131.05	2,532.76	4,210,743.96	1,052,685.99
319	15-Nov	9.75	0.25	0.00	0.00	14,521.17	3,630.29	4,206,353.84	1,051,588.46
319	15-Nov	10	0.25	0.00	0.00	19,530.40	4,882.60	4,201,344.60	1,050,336.15
319	15-Nov	10.25	0.25	0.00	0.00	27,691.52	6,922.88	4,193,183.48	1,048,295.87
319	15-Nov	10.5	0.25	0.00	0.00	37,316.02	9,329.00	4,183,558.99	1,045,889.75
319	15-Nov	10.75	0.25	0.00	0.00	49,529.56	12,382.39	4,171,345.45	1,042,836.36
319	15-Nov	11	0.25	0.00	0.00	62,137.08	15,534.27	4,158,737.93	1,039,684.48
319	15-Nov	11.25	0.25	0.00	0.00	81,892.62	20,473.15	4,138,982.39	1,034,745.60
319	15-Nov	11.5	0.25	0.00	0.00	100,972.75	25,243.19	4,119,902.25	1,029,975.56
319	15-Nov	11.75	0.25	0.00	0.00	112,173.19	28,043.30	4,108,701.82	1,027,175.46
319	15-Nov	12	0.25	0.00	0.00	124,611.86	31,152.97	4,096,263.15	1,024,065.79
319	15-Nov	12.25	0.25	0.00	0.00	147,688.13	36,922.03	4,073,186.88	1,018,296.72
319	15-Nov	12.5	0.25	0.00	0.00	167,950.22	41,987.56	4,052,924.79	1,013,231.20
319	15-Nov	12.75	0.25	0.00	0.00	187,086.64	46,771.66	4,033,788.37	1,008,447.09
319	15-Nov	13	0.25	0.00	0.00	214,778.17	53,694.54	4,006,096.84	1,001,524.21
319	15-Nov	13.25	0.25	0.00	0.00	247,366.36	61,841.59	3,973,508.65	993,377.16
319	15-Nov	13.5	0.25	0.00	0.00	267,234.47	66,808.62	3,953,640.54	988,410.13
319	15-Nov	13.75	0.25	0.00	0.00	298,246.73	74,561.68	3,922,628.28	980,657.07
319	15-Nov	14	0.25	0.00	0.00	349,577.36	87,394.34	3,871,297.65	967,824.41
319	15-Nov	14.25	0.25	0.00	0.00	409,688.23	102,422.06	3,811,186.78	952,796.70
319	15-Nov	14.5	0.25	0.00	0.00	485,783.64	121,445.91	3,735,091.37	933,772.84
319	15-Nov	14.75	0.25	0.00	0.00	601,390.12	150,347.53	3,619,484.89	904,871.22
319	15-Nov	15	0.25	0.00	0.00	743,055.91	185,763.98	3,477,819.10	869,454.77
319	15-Nov	15.25	0.25	0.00	0.00	859,788.07	214,947.02	3,361,086.94	840,271.73
319	15-Nov	15.5	0.25	0.00	0.00	960,760.82	240,190.21	3,260,114.19	815,028.55
319	15-Nov	15.75	0.23	0.00	0.00	1,079,406.62	248,263.52	3,141,468.38	722,537.73
319	15-Nov	15.96	0.11	0.00	0.00	1,200,303.77	132,033.41	3,020,571.24	332,262.84
326	22-Nov	7.96	0.02	0.00	0.00	0.00	0.00	4,220,875.01	84,417.50
326	22-Nov	8	0.15	0.00	0.00	0.00	0.00	4,220,875.01	633,131.25
326	22-Nov	8.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
326	22-Nov	8.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
326	22-Nov	8.75	0.25	0.00	0.00	1,181.96	295.49	4,219,693.05	1,054,923.26
326	22-Nov	9	0.25	0.00	0.00	3,602.15	900.54	4,217,272.86	1,054,318.21
326	22-Nov	9.25	0.25	0.00	0.00	7,035.45	1,758.86	4,213,839.56	1,053,459.89
326	22-Nov	9.5	0.25	0.00	0.00	10,581.31	2,645.33	4,210,293.69	1,052,573.42
326	22-Nov	9.75	0.25	0.00	0.00	15,815.69	3,953.92	4,205,059.32	1,051,264.83
326	22-Nov	10	0.25	0.00	0.00	22,907.42	5,726.85	4,197,967.59	1,049,491.90
326	22-Nov	10.25	0.25	0.00	0.00	33,263.60	8,315.90	4,187,611.41	1,046,902.85
326	22-Nov	10.5	0.25	0.00	0.00	43,056.94	10,764.24	4,177,818.06	1,044,454.52
326	22-Nov	10.75	0.25	0.00	0.00	54,763.93	13,690.98	4,166,111.08	1,041,527.77
326	22-Nov	11	0.25	0.00	0.00	69,847.93	17,461.98	4,151,027.08	1,037,756.77
326	22-Nov	11.25	0.25	0.00	0.00	87,858.68	21,964.67	4,133,016.33	1,033,254.08
326	22-Nov	11.5	0.25	0.00	0.00	108,120.77	27,030.19	4,112,754.24	1,028,188.56
326	22-Nov	11.75	0.25	0.00	0.00	125,399.83	31,349.96	4,095,475.18	1,023,868.79
326	22-Nov	12	0.25	0.00	0.00	134,799.19	33,699.80	4,086,075.82	1,021,518.95
326	22-Nov	12.25	0.25	0.00	0.00	156,580.94	39,145.23	4,064,294.07	1,016,073.52
326	22-Nov	12.5	0.25	0.00	0.00	179,657.21	44,914.30	4,041,217.80	1,010,304.45
326	22-Nov	12.75	0.25	0.00	0.00	204,478.27	51,119.57	4,016,396.74	1,004,099.18
326	22-Nov	13	0.25	0.00	0.00	231,044.12	57,761.03	3,989,830.89	997,457.72
326	22-Nov	13.25	0.25	0.00	0.00	264,701.71	66,175.43	3,956,173.30	989,043.33
326	22-Nov	13.5	0.25	0.00	0.00	291,380.13	72,845.03	3,929,494.88	982,373.72
326	22-Nov	13.75	0.25	0.00	0.00	324,981.43	81,245.36	3,895,893.58	973,973.39
326	22-Nov	14	0.25	0.00	0.00	374,229.57	93,557.39	3,846,645.44	961,661.36
326	22-Nov	14.25	0.25	0.00	0.00	444,358.92	111,089.73	3,776,516.09	944,129.02
326	22-Nov	14.5	0.25	0.00	0.00	512,687.19	128,171.80	3,708,187.82	927,046.95
326	22-Nov	14.75	0.25	0.00	0.00	625,029.23	156,257.31	3,595,845.78	898,961.44
326	22-Nov	15	0.25	0.00	0.00	775,418.97	193,854.74	3,445,456.04	861,364.01
326	22-Nov	15.25	0.25	0.00	0.00	904,420.95	226,105.24	3,316,454.06	829,113.51
326	22-Nov	15.5	0.25	0.00	0.00	992,279.63	248,069.91	3,228,595.38	807,148.84
326	22-Nov	15.75	0.2	0.00	0.00	1,050,420.58	210,084.12	3,170,454.43	634,090.89
326	22-Nov	15.9	0.08	0.00	0.00	1,122,238.43	89,779.07	3,098,636.58	247,890.93
333	29-Nov	8.07	0.09	0.00	0.00	0.00	0.00	4,220,875.01	379,878.75
333	29-Nov	8.25	0.21	0.00	0.00	0.00	0.00	4,220,875.01	886,383.75
333	29-Nov	8.5	0.25	0.00	0.00	56.28	14.07	4,220,818.72	1,055,204.68
333	29-Nov	8.75	0.25	0.00	0.00	1,350.81	337.70	4,219,524.20	1,054,881.05
333	29-Nov	9	0.25	0.00	0.00	3,827.28	956.82	4,217,047.72	1,054,261.93
333	29-Nov	9.25	0.25	0.00	0.00	7,373.15	1,843.29	4,213,501.86	1,053,375.46
333	29-Nov	9.5	0.25	0.00	0.00	10,975.30	2,743.82	4,209,899.71	1,052,474.93
333	29-Nov	9.75	0.25	0.00	0.00	17,954.46	4,488.62	4,202,920.54	1,050,730.14
333	29-Nov	10	0.25	0.00	0.00	27,072.41	6,768.10	4,193,802.60	1,048,450.65
333	29-Nov	10.25	0.25	0.00	0.00	37,203.45	9,300.86	4,183,671.56	1,045,917.89
333	29-Nov	10.5	0.25	0.00	0.00	48,235.03	12,058.76	4,172,639.97	1,043,159.99
333	29-Nov	10.75	0.25	0.00	0.00	61,123.98	15,280.99	4,159,751.03	1,039,937.76

DayNum	Date	Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
333	29-Nov	11	0.25	0.00	0.00	73,450.08	18,362.52	4,147,424.93	1,036,856.23
333	29-Nov	11.25	0.25	0.00	0.00	93,768.46	23,442.11	4,127,106.55	1,031,776.64
333	29-Nov	11.5	0.25	0.00	0.00	111,610.35	27,902.59	4,109,264.66	1,027,316.16
333	29-Nov	11.75	0.25	0.00	0.00	127,763.74	31,940.94	4,093,111.27	1,023,277.82
333	29-Nov	12	0.25	0.00	0.00	136,431.41	34,107.85	4,084,443.59	1,021,110.90
333	29-Nov	12.25	0.25	0.00	0.00	163,391.25	40,847.81	4,057,483.76	1,014,370.94
333	29-Nov	12.5	0.25	0.00	0.00	190,182.24	47,545.56	4,030,692.77	1,007,673.19
333	29-Nov	12.75	0.25	0.00	0.00	218,436.60	54,609.15	4,002,438.41	1,000,609.60
333	29-Nov	13	0.25	0.00	0.00	240,837.47	60,209.37	3,980,037.54	995,009.39
333	29-Nov	13.25	0.25	0.00	0.00	275,339.31	68,834.83	3,945,535.70	986,383.93
333	29-Nov	13.5	0.25	0.00	0.00	310,178.85	77,544.71	3,910,696.16	977,674.04
333	29-Nov	13.75	0.25	0.00	0.00	347,044.59	86,761.15	3,873,830.41	968,457.60
333	29-Nov	14	0.25	0.00	0.00	395,110.78	98,777.69	3,825,764.23	956,441.06
333	29-Nov	14.25	0.25	0.00	0.00	470,755.92	117,688.98	3,750,119.09	937,529.77
333	29-Nov	14.5	0.25	0.00	0.00	529,122.00	132,280.50	3,691,753.01	922,938.25
333	29-Nov	14.75	0.25	0.00	0.00	630,826.44	157,706.61	3,590,048.57	897,512.14
333	29-Nov	15	0.25	0.00	0.00	795,737.35	198,934.34	3,425,137.66	856,284.42
333	29-Nov	15.25	0.25	0.00	0.00	930,311.40	232,577.85	3,290,563.61	822,640.90
333	29-Nov	15.5	0.25	0.00	0.00	1,016,650.42	254,162.61	3,204,224.58	801,056.15
333	29-Nov	15.75	0.18	0.00	0.00	1,027,907.14	185,023.29	3,192,967.87	574,734.22
333	29-Nov	15.86	0.05	0.00	0.00	1,065,392.01	53,269.60	3,155,483.00	157,774.15
340	6-Dec	8.17	0.04	0.00	0.00	0.00	0.00	4,220,875.01	168,835.00
340	6-Dec	8.25	0.17	0.00	0.00	0.00	0.00	4,220,875.01	717,548.75
340	6-Dec	8.5	0.25	0.00	0.00	56.28	14.07	4,220,818.72	1,055,204.68
340	6-Dec	8.75	0.25	0.00	0.00	1,350.81	337.70	4,219,524.20	1,054,881.05
340	6-Dec	9	0.25	0.00	0.00	3,771.00	942.75	4,217,104.01	1,054,276.00
340	6-Dec	9.25	0.25	0.00	0.00	7,035.45	1,758.86	4,213,839.56	1,053,459.89
340	6-Dec	9.5	0.25	0.00	0.00	11,932.12	2,983.03	4,208,942.89	1,052,235.72
340	6-Dec	9.75	0.25	0.00	0.00	20,768.64	5,192.16	4,200,106.36	1,050,026.59
340	6-Dec	10	0.25	0.00	0.00	30,393.14	7,598.28	4,190,481.87	1,047,620.47
340	6-Dec	10.25	0.25	0.00	0.00	42,156.41	10,539.10	4,178,718.60	1,044,679.65
340	6-Dec	10.5	0.25	0.00	0.00	52,456.30	13,114.08	4,168,418.71	1,042,104.68
340	6-Dec	10.75	0.25	0.00	0.00	64,557.27	16,139.32	4,156,317.73	1,039,079.43
340	6-Dec	11	0.25	0.00	0.00	77,671.35	19,417.84	4,143,203.66	1,035,800.91
340	6-Dec	11.25	0.25	0.00	0.00	94,387.57	23,596.89	4,126,487.43	1,031,621.86
340	6-Dec	11.5	0.25	0.00	0.00	112,848.59	28,212.15	4,108,026.42	1,027,006.60
340	6-Dec	11.75	0.25	0.00	0.00	132,491.56	33,122.89	4,088,383.45	1,022,095.86
340	6-Dec	12	0.25	0.00	0.00	142,172.34	35,543.08	4,078,702.67	1,019,675.67
340	6-Dec	12.25	0.25	0.00	0.00	168,850.76	42,212.69	4,052,024.25	1,013,006.06
340	6-Dec	12.5	0.25	0.00	0.00	193,953.24	48,488.31	4,026,921.77	1,006,730.44
340	6-Dec	12.75	0.25	0.00	0.00	219,224.57	54,806.14	4,001,650.44	1,000,412.61
340	6-Dec	13	0.25	0.00	0.00	244,439.62	61,109.90	3,974,435.39	994,108.85
340	6-Dec	13.25	0.25	0.00	0.00	278,322.34	69,580.58	3,942,552.67	985,638.17
340	6-Dec	13.5	0.25	0.00	0.00	316,482.61	79,120.65	3,904,392.40	976,098.10
340	6-Dec	13.75	0.25	0.00	0.00	361,059.21	90,264.80	3,859,815.80	964,953.95
340	6-Dec	14	0.25	0.00	0.00	405,579.52	101,394.88	3,815,295.48	953,823.87
340	6-Dec	14.25	0.25	0.00	0.00	481,843.78	120,460.95	3,739,031.22	934,757.81
340	6-Dec	14.5	0.25	0.00	0.00	544,712.55	136,178.14	3,676,162.46	919,040.61
340	6-Dec	14.75	0.25	0.00	0.00	634,259.74	158,564.93	3,586,615.27	896,653.82
340	6-Dec	15	0.25	0.00	0.00	781,947.87	195,486.97	3,438,927.14	859,731.79
340	6-Dec	15.25	0.25	0.00	0.00	951,980.58	237,995.15	3,268,894.42	817,223.61
340	6-Dec	15.5	0.25	0.00	0.00	1,021,997.37	255,499.34	3,198,877.64	799,719.41
340	6-Dec	15.75	0.17	0.00	0.00	1,039,051.29	176,638.72	3,181,823.72	540,910.03
340	6-Dec	15.85	0.05	0.00	0.00	1,024,811.54	51,240.58	3,196,063.46	159,803.17
347	13-Dec	8.26	0.12	0.00	0.00	0.00	0.00	4,220,875.01	506,505.00
347	13-Dec	8.5	0.25	0.00	0.00	56.28	14.07	4,220,818.72	1,055,204.68
347	13-Dec	8.75	0.25	0.00	0.00	1,350.81	337.70	4,219,524.20	1,054,881.05
347	13-Dec	9	0.25	0.00	0.00	3,489.58	872.40	4,217,385.43	1,054,346.36
347	13-Dec	9.25	0.25	0.00	0.00	6,697.75	1,674.44	4,214,177.26	1,053,544.32
347	13-Dec	9.5	0.25	0.00	0.00	12,382.39	3,095.60	4,208,492.62	1,052,123.15
347	13-Dec	9.75	0.25	0.00	0.00	22,006.88	5,501.72	4,198,868.13	1,049,717.03
347	13-Dec	10	0.25	0.00	0.00	31,856.51	7,964.13	4,189,018.50	1,047,254.62
347	13-Dec	10.25	0.25	0.00	0.00	44,070.05	11,017.51	4,176,804.96	1,044,201.24
347	13-Dec	10.5	0.25	0.00	0.00	54,932.78	13,733.20	4,165,942.23	1,041,485.56
347	13-Dec	10.75	0.25	0.00	0.00	65,908.08	16,477.02	4,154,966.93	1,038,741.73
347	13-Dec	11	0.25	0.00	0.00	78,234.19	19,558.55	4,142,640.82	1,035,660.21
347	13-Dec	11.25	0.25	0.00	0.00	95,513.25	23,878.31	4,125,361.76	1,031,340.44
347	13-Dec	11.5	0.25	0.00	0.00	111,441.50	27,860.38	4,109,433.51	1,027,358.38
347	13-Dec	11.75	0.25	0.00	0.00	128,945.70	32,236.42	4,091,929.31	1,022,982.33
347	13-Dec	12	0.25	0.00	0.00	144,029.70	36,007.42	4,076,845.31	1,019,211.33
347	13-Dec	12.25	0.25	0.00	0.00	167,781.37	41,945.34	4,053,093.64	1,013,273.41
347	13-Dec	12.5	0.25	0.00	0.00	192,489.87	48,122.47	4,028,385.14	1,007,096.29
347	13-Dec	12.75	0.25	0.00	0.00	218,774.30	54,693.58	4,002,100.71	1,000,525.18
347	13-Dec	13	0.25	0.00	0.00	245,509.00	61,377.25	3,975,366.00	993,841.50
347	13-Dec	13.25	0.25	0.00	0.00	278,322.34	69,580.58	3,942,552.67	985,638.17
347	13-Dec	13.5	0.25	0.00	0.00	317,439.43	79,359.86	3,903,435.58	975,858.90
347	13-Dec	13.75	0.25	0.00	0.00	370,458.57	92,614.64	3,850,416.44	962,604.11
347	13-Dec	14	0.25	0.00	0.00	414,697.47	103,674.37	3,806,177.54	951,544.39
347	13-Dec	14.25	0.25	0.00	0.00	478,072.78	119,518.20	3,742,802.22	935,700.56
347	13-Dec	14.5	0.25	0.00	0.00	545,725.66	136,431.41	3,675,149.35	918,787.34

DayNum	Date	Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
347	13-Dec	14.75	0.25	0.00	0.00	626,999.15	156,749.79	3,593,875.85	898,468.96
347	13-Dec	15	0.25	0.00	0.00	756,338.84	189,084.71	3,464,536.17	866,134.04
347	13-Dec	15.25	0.25	0.00	0.00	932,056.19	233,014.05	3,288,818.81	822,204.70
347	13-Dec	15.5	0.25	0.00	0.00	1,038,150.75	259,537.69	3,182,724.25	795,681.06
347	13-Dec	15.75	0.18	0.00	0.00	1,042,653.44	187,677.62	3,178,221.57	572,079.88
347	13-Dec	15.87	0.06	0.00	0.00	1,038,094.47	62,285.67	3,182,780.54	190,966.83
354	20-Dec	8.33	0.08	0.00	0.00	0.00	0.00	4,220,875.01	337,670.00
354	20-Dec	8.5	0.21	0.00	0.00	0.00	0.00	4,220,875.01	886,383.75
354	20-Dec	8.75	0.25	0.00	0.00	787.97	196.99	4,220,087.04	1,055,021.76
354	20-Dec	9	0.25	0.00	0.00	3,151.88	787.97	4,217,723.13	1,054,430.78
354	20-Dec	9.25	0.25	0.00	0.00	6,191.19	1,547.80	4,214,683.81	1,053,670.95
354	20-Dec	9.5	0.25	0.00	0.00	11,200.43	2,800.11	4,209,674.57	1,052,418.64
354	20-Dec	9.75	0.25	0.00	0.00	21,612.90	5,403.22	4,199,262.11	1,049,815.53
354	20-Dec	10	0.25	0.00	0.00	30,730.84	7,682.71	4,190,144.17	1,047,536.04
354	20-Dec	10.25	0.25	0.00	0.00	43,169.51	10,792.38	4,177,705.50	1,044,426.37
354	20-Dec	10.5	0.25	0.00	0.00	53,244.27	13,311.07	4,167,630.74	1,041,907.68
354	20-Dec	10.75	0.25	0.00	0.00	65,739.23	16,434.81	4,155,135.78	1,038,783.94
354	20-Dec	11	0.25	0.00	0.00	75,701.42	18,925.36	4,145,173.58	1,036,293.40
354	20-Dec	11.25	0.25	0.00	0.00	91,179.41	22,794.85	4,129,695.60	1,032,423.90
354	20-Dec	11.5	0.25	0.00	0.00	109,246.44	27,311.61	4,111,628.57	1,027,907.14
354	20-Dec	11.75	0.25	0.00	0.00	128,382.86	32,095.72	4,092,492.15	1,023,123.04
354	20-Dec	12	0.25	0.00	0.00	144,536.25	36,134.06	4,076,338.76	1,019,084.69
354	20-Dec	12.25	0.25	0.00	0.00	161,477.61	40,369.40	4,059,397.40	1,014,849.35
354	20-Dec	12.5	0.25	0.00	0.00	185,341.85	46,335.46	4,035,533.16	1,008,883.29
354	20-Dec	12.75	0.25	0.00	0.00	213,258.51	53,314.63	4,007,616.50	1,001,904.12
354	20-Dec	13	0.25	0.00	0.00	241,118.88	60,279.72	3,979,756.12	994,939.03
354	20-Dec	13.25	0.25	0.00	0.00	273,650.80	68,412.70	3,947,224.21	986,806.05
354	20-Dec	13.5	0.25	0.00	0.00	309,109.46	77,277.36	3,911,765.55	977,941.39
354	20-Dec	13.75	0.25	0.00	0.00	358,751.58	89,687.90	3,862,123.43	965,530.86
354	20-Dec	14	0.25	0.00	0.00	407,042.90	101,760.72	3,813,832.11	953,458.03
354	20-Dec	14.25	0.25	0.00	0.00	470,530.78	117,632.70	3,750,344.22	937,586.06
354	20-Dec	14.5	0.25	0.00	0.00	543,530.60	135,882.65	3,677,344.41	919,336.10
354	20-Dec	14.75	0.25	0.00	0.00	610,395.50	152,598.87	3,610,479.51	902,619.88
354	20-Dec	15	0.25	0.00	0.00	724,032.06	181,008.01	3,496,842.95	874,210.74
354	20-Dec	15.25	0.25	0.00	0.00	897,272.94	224,318.23	3,323,602.07	830,900.52
354	20-Dec	15.5	0.25	0.00	0.00	1,019,520.89	254,880.22	3,201,354.12	800,338.53
354	20-Dec	15.75	0.21	0.00	0.00	1,038,150.75	218,011.66	3,182,724.25	668,372.09
354	20-Dec	15.91	0.08	0.00	0.00	1,040,176.96	83,214.16	3,180,698.04	254,455.84
						228,009,987.48	51,321,407.16	4,609,112,772.60	1,112,078,370.72

DEIR Original Design

Date	Time	Duration	NewSFHr
21-Jun	6.78	0.11	49,176.66
21-Jun	7	0.23	90,707.19
21-Jun	7.25	0.25	54,060.38
21-Jun	7.5	0.25	21,345.55
21-Jun	7.75	0.25	5,487.65
21-Jun	8	0.25	1,561.87
21-Jun	8.25	0.25	14.07
21-Jun	8.5	0.25	0.00
21-Jun	8.75	0.25	0.00
21-Jun	9	0.25	0.00
21-Jun	9.25	0.25	0.00
21-Jun	9.5	0.25	0.00
21-Jun	9.75	0.25	0.00
21-Jun	10	0.25	0.00
21-Jun	10.25	0.25	0.00
21-Jun	10.5	0.25	0.00
21-Jun	10.75	0.25	0.00
21-Jun	11	0.25	0.00
21-Jun	11.25	0.25	0.00
21-Jun	11.5	0.25	0.00
21-Jun	11.75	0.25	0.00
21-Jun	12	0.25	0.00
21-Jun	12.25	0.25	0.00
21-Jun	12.5	0.25	168.85
21-Jun	12.75	0.25	647.26
21-Jun	13	0.25	1,041.25
21-Jun	13.25	0.25	1,393.02
21-Jun	13.5	0.25	1,646.29
21-Jun	13.75	0.25	2,195.06
21-Jun	14	0.25	2,983.03
21-Jun	14.25	0.25	4,502.69
21-Jun	14.5	0.25	6,500.75
21-Jun	14.75	0.25	9,188.30
21-Jun	15	0.25	12,720.09
21-Jun	15.25	0.25	16,688.08
21-Jun	15.5	0.25	21,753.61
21-Jun	15.75	0.25	27,635.24
21-Jun	16	0.25	33,812.36
21-Jun	16.25	0.25	40,580.47
21-Jun	16.5	0.25	47,939.54
21-Jun	16.75	0.25	57,001.20
21-Jun	17	0.25	65,879.94
21-Jun	17.25	0.25	73,829.99
21-Jun	17.5	0.25	82,722.80
21-Jun	17.75	0.25	91,123.13
21-Jun	18	0.25	103,716.58
21-Jun	18.25	0.25	120,756.44
21-Jun	18.5	0.25	139,724.00
21-Jun	18.75	0.25	161,956.02
21-Jun	19	0.25	191,786.32
21-Jun	19.25	0.3	262,985.06
21-Jun	19.6	0.18	194,465.42
TOTAL			1,999,696.16

State Parks Alternative

Date	Time	Duration	NewSFHr
21-Jun	6.78	0.11	34,008.23
21-Jun	7	0.23	46,460.41
21-Jun	7.25	0.25	37,231.59
21-Jun	7.5	0.25	27,156.83
21-Jun	7.75	0.25	19,811.82
21-Jun	8	0.25	13,775.41
21-Jun	8.25	0.25	8,189.26
21-Jun	8.5	0.25	3,939.85
21-Jun	8.75	0.25	1,167.88
21-Jun	9	0.25	0.00
21-Jun	9.25	0.25	0.00
21-Jun	9.5	0.25	0.00
21-Jun	9.75	0.25	0.00
21-Jun	10	0.25	0.00
21-Jun	10.25	0.25	0.00
21-Jun	10.5	0.25	0.00
21-Jun	10.75	0.25	0.00
21-Jun	11	0.25	0.00
21-Jun	11.25	0.25	0.00
21-Jun	11.5	0.25	0.00
21-Jun	11.75	0.25	0.00
21-Jun	12	0.25	0.00
21-Jun	12.25	0.25	0.00
21-Jun	12.5	0.25	0.00
21-Jun	12.75	0.25	0.00
21-Jun	13	0.25	0.00
21-Jun	13.25	0.25	28.14
21-Jun	13.5	0.25	168.85
21-Jun	13.75	0.25	323.63
21-Jun	14	0.25	492.48
21-Jun	14.25	0.25	816.11
21-Jun	14.5	0.25	1,350.81
21-Jun	14.75	0.25	2,195.06
21-Jun	15	0.25	3,503.65
21-Jun	15.25	0.25	5,558.00
21-Jun	15.5	0.25	8,273.69
21-Jun	15.75	0.25	11,186.36
21-Jun	16	0.25	14,901.08
21-Jun	16.25	0.25	18,798.72
21-Jun	16.5	0.25	22,935.56
21-Jun	16.75	0.25	27,536.74
21-Jun	17	0.25	32,503.77
21-Jun	17.25	0.25	37,949.21
21-Jun	17.5	0.25	45,406.78
21-Jun	17.75	0.25	53,202.06
21-Jun	18	0.25	61,799.38
21-Jun	18.25	0.25	72,239.98
21-Jun	18.5	0.25	89,856.75
21-Jun	18.75	0.25	117,083.93
21-Jun	19	0.25	155,145.71
21-Jun	19.25	0.3	236,137.79
21-Jun	19.6	0.18	169,472.13
TOTAL			1,380,607.65

State Park Alternative - Shadow impacts on California State Park at Candlestick Point

Square produced under process existing proposed target projection park
 Foot by exclusive begun building building mesh angle outline
 * Solar license to May 18, 2010
 Hour ToolBox(tm) copyright 1985-2010
 Computations copyright 1985-2010
 CADP LLC Mill Valley CA
 set: C:\Cadp_2009\PBSJ_HuntersPoint\Env_Calcs\EX_40FT.XST
 set: C:\Cadp_2009\PBSJ_HuntersPoint\April_State_Park_Calcs\STATE_PR.PRF
 or elevation: 2 (HORIZONTAL ELEVATION)
 data used: C:\Cadp_2009\PBSJ_HuntersPoint\April_State_Park_Calcs\SFHR.DAT
 set: C:\Cadp_2009\PBSJ_HuntersPoint\April_State_Park_Calcs\State_PK.dxl
 area: 4220875.01

DayNum	Date	Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
172	21-Jun	6.78	0.11	0.00	0.00	309,165.74	34,008.23	3,911,709.27	430,288.02
172	21-Jun	7	0.23	0.00	0.00	202,001.79	46,460.41	4,018,873.22	924,340.84
172	21-Jun	7.25	0.25	0.00	0.00	148,926.37	37,231.59	4,071,948.64	1,017,987.16
172	21-Jun	7.5	0.25	0.00	0.00	108,627.32	27,156.83	4,112,247.69	1,028,061.92
172	21-Jun	7.75	0.25	0.00	0.00	79,247.29	19,811.82	4,141,627.72	1,035,406.93
172	21-Jun	8	0.25	0.00	0.00	55,101.63	13,775.41	4,165,773.38	1,041,443.34
172	21-Jun	8.25	0.25	0.00	0.00	32,757.05	8,189.26	4,188,117.96	1,047,029.49
172	21-Jun	8.5	0.25	0.00	0.00	15,759.40	3,939.85	4,205,115.60	1,051,278.90
172	21-Jun	8.75	0.25	0.00	0.00	4,671.54	1,167.88	4,216,203.47	1,054,050.87
172	21-Jun	9	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
172	21-Jun	9.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
172	21-Jun	9.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
172	21-Jun	9.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
172	21-Jun	10	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
172	21-Jun	10.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
172	21-Jun	10.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
172	21-Jun	10.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
172	21-Jun	11	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
172	21-Jun	11.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
172	21-Jun	11.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
172	21-Jun	11.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
172	21-Jun	12	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
172	21-Jun	12.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
172	21-Jun	12.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
172	21-Jun	12.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
172	21-Jun	13	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
172	21-Jun	13.25	0.25	0.00	0.00	112.57	28.14	4,220,762.44	1,055,190.61
172	21-Jun	13.5	0.25	0.00	0.00	675.40	168.85	4,220,199.61	1,055,049.90
172	21-Jun	13.75	0.25	0.00	0.00	1,294.52	323.63	4,219,580.49	1,054,895.12
172	21-Jun	14	0.25	0.00	0.00	1,969.93	492.48	4,218,905.08	1,054,726.27
172	21-Jun	14.25	0.25	0.00	0.00	3,264.45	816.11	4,217,610.56	1,054,402.64
172	21-Jun	14.5	0.25	0.00	0.00	5,403.22	1,350.81	4,215,471.78	1,053,867.95
172	21-Jun	14.75	0.25	0.00	0.00	8,780.24	2,195.06	4,212,094.77	1,053,023.69
172	21-Jun	15	0.25	0.00	0.00	14,014.61	3,503.65	4,206,860.40	1,051,715.10
172	21-Jun	15.25	0.25	0.00	0.00	22,232.02	5,558.00	4,198,642.99	1,049,660.75
172	21-Jun	15.5	0.25	0.00	0.00	33,094.75	8,273.69	4,187,780.26	1,046,945.06
172	21-Jun	15.75	0.25	0.00	0.00	44,745.45	11,186.36	4,176,129.56	1,044,032.39
172	21-Jun	16	0.25	0.00	0.00	59,604.32	14,901.08	4,161,270.69	1,040,317.67
172	21-Jun	16.25	0.25	0.00	0.00	75,194.87	18,798.72	4,145,680.14	1,036,420.03
172	21-Jun	16.5	0.25	0.00	0.00	91,742.25	22,935.56	4,129,132.76	1,032,283.19
172	21-Jun	16.75	0.25	0.00	0.00	110,146.98	27,536.74	4,110,728.03	1,027,682.01
172	21-Jun	17	0.25	0.00	0.00	130,015.09	32,503.77	4,090,859.92	1,022,714.98
172	21-Jun	17.25	0.25	0.00	0.00	151,796.83	37,949.21	4,069,078.18	1,017,269.54
172	21-Jun	17.5	0.25	0.00	0.00	181,627.13	45,406.78	4,039,247.87	1,009,811.97
172	21-Jun	17.75	0.25	0.00	0.00	212,808.24	53,202.06	4,008,066.77	1,002,016.69
172	21-Jun	18	0.25	0.00	0.00	247,197.51	61,799.38	3,973,677.50	993,419.37
172	21-Jun	18.25	0.25	0.00	0.00	288,959.93	72,239.98	3,931,915.07	982,978.77
172	21-Jun	18.5	0.25	0.00	0.00	359,426.98	89,856.75	3,861,448.02	965,362.01
172	21-Jun	18.75	0.25	0.00	0.00	468,335.72	117,083.93	3,752,539.28	938,134.82
172	21-Jun	19	0.25	0.00	0.00	620,582.83	155,145.71	3,600,292.18	900,073.05
172	21-Jun	19.25	0.3	0.00	0.00	787,125.96	236,137.79	3,433,749.05	1,030,124.72
172	21-Jun	19.6	0.18	0.00	0.00	941,511.84	169,472.13	3,279,363.17	590,285.37
179	28-Jun	6.81	0.1	0.00	0.00	303,649.95	30,364.99	3,917,225.06	391,722.51
179	28-Jun	7	0.22	0.00	0.00	214,496.75	47,189.28	4,006,378.26	881,403.22
179	28-Jun	7.25	0.25	0.00	0.00	151,121.43	37,780.36	4,069,753.58	1,017,438.39
179	28-Jun	7.5	0.25	0.00	0.00	112,229.47	28,057.37	4,108,645.54	1,027,161.38
179	28-Jun	7.75	0.25	0.00	0.00	81,780.05	20,445.01	4,139,094.96	1,034,773.74
179	28-Jun	8	0.25	0.00	0.00	57,184.12	14,296.03	4,163,690.88	1,040,922.72
179	28-Jun	8.25	0.25	0.00	0.00	34,558.12	8,639.53	4,186,316.89	1,046,579.22
179	28-Jun	8.5	0.25	0.00	0.00	16,716.23	4,179.06	4,204,158.78	1,051,039.70
179	28-Jun	8.75	0.25	0.00	0.00	5,121.81	1,280.45	4,215,753.20	1,053,938.30
179	28-Jun	9	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
179	28-Jun	9.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
179	28-Jun	9.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
179	28-Jun	9.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
179	28-Jun	10	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
179	28-Jun	10.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
179	28-Jun	10.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
179	28-Jun	10.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
179	28-Jun	11	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
179	28-Jun	11.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75

DayNum	Date	Time	Duration	ExSF	ExSFHr	NewsSF	NewsSFHr	SunnySF	SunnySFHr
179	28-Jun	11.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
179	28-Jun	11.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
179	28-Jun	12	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
179	28-Jun	12.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
179	28-Jun	12.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
179	28-Jun	12.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
179	28-Jun	13	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
179	28-Jun	13.25	0.25	0.00	0.00	112.57	28.14	4,220,762.44	1,055,190.61
179	28-Jun	13.5	0.25	0.00	0.00	562.84	140.71	4,220,312.17	1,055,078.04
179	28-Jun	13.75	0.25	0.00	0.00	1,294.52	323.63	4,219,580.49	1,054,895.12
179	28-Jun	14	0.25	0.00	0.00	1,857.36	464.34	4,219,017.65	1,054,754.41
179	28-Jun	14.25	0.25	0.00	0.00	3,039.31	759.83	4,217,835.69	1,054,458.92
179	28-Jun	14.5	0.25	0.00	0.00	5,290.66	1,322.66	4,215,584.35	1,053,896.09
179	28-Jun	14.75	0.25	0.00	0.00	8,667.67	2,166.92	4,212,207.34	1,053,051.83
179	28-Jun	15	0.25	0.00	0.00	14,014.61	3,503.65	4,206,860.40	1,051,715.10
179	28-Jun	15.25	0.25	0.00	0.00	21,387.76	5,346.94	4,199,487.25	1,049,871.81
179	28-Jun	15.5	0.25	0.00	0.00	31,237.39	7,809.35	4,189,637.62	1,047,409.40
179	28-Jun	15.75	0.25	0.00	0.00	44,689.17	11,172.29	4,176,185.84	1,044,046.46
179	28-Jun	16	0.25	0.00	0.00	58,478.65	14,619.66	4,162,396.36	1,040,599.09
179	28-Jun	16.25	0.25	0.00	0.00	74,238.05	18,559.51	4,146,636.96	1,036,659.24
179	28-Jun	16.5	0.25	0.00	0.00	90,841.71	22,710.43	4,130,033.30	1,032,508.32
179	28-Jun	16.75	0.25	0.00	0.00	108,289.62	27,072.41	4,112,585.39	1,028,146.35
179	28-Jun	17	0.25	0.00	0.00	127,707.46	31,926.86	4,093,167.55	1,023,291.89
179	28-Jun	17.25	0.25	0.00	0.00	151,459.13	37,864.78	4,069,415.88	1,017,353.97
179	28-Jun	17.5	0.25	0.00	0.00	178,531.54	44,632.88	4,042,343.47	1,010,585.87
179	28-Jun	17.75	0.25	0.00	0.00	209,656.36	52,414.09	4,011,218.65	1,002,804.66
179	28-Jun	18	0.25	0.00	0.00	249,617.71	62,404.43	3,971,257.30	992,814.33
179	28-Jun	18.25	0.25	0.00	0.00	287,777.98	71,944.49	3,933,097.03	983,274.26
179	28-Jun	18.5	0.25	0.00	0.00	349,127.09	87,281.77	3,871,747.92	967,936.98
179	28-Jun	18.75	0.25	0.00	0.00	454,095.98	113,523.99	3,766,779.03	941,694.76
179	28-Jun	19	0.25	0.00	0.00	607,919.02	151,979.75	3,612,955.99	903,239.00
179	28-Jun	19.25	0.3	0.00	0.00	774,405.87	232,321.76	3,446,469.14	1,033,940.74
179	28-Jun	19.61	0.18	0.00	0.00	943,819.46	169,887.50	3,277,055.55	589,870.00
186	5-Jul	6.87	0.06	0.00	0.00	296,501.93	17,790.12	3,924,373.07	235,462.38
186	5-Jul	7	0.19	0.00	0.00	227,329.41	43,192.59	3,993,545.60	758,773.66
186	5-Jul	7.25	0.25	0.00	0.00	159,226.27	39,806.57	4,061,648.74	1,015,412.19
186	5-Jul	7.5	0.25	0.00	0.00	119,208.64	29,802.16	4,101,666.37	1,025,416.59
186	5-Jul	7.75	0.25	0.00	0.00	86,564.16	21,641.04	4,134,310.85	1,033,577.71
186	5-Jul	8	0.25	0.00	0.00	60,110.87	15,027.72	4,160,764.14	1,040,191.03
186	5-Jul	8.25	0.25	0.00	0.00	35,852.64	8,963.16	4,185,022.36	1,046,255.59
186	5-Jul	8.5	0.25	0.00	0.00	18,010.75	4,502.69	4,202,864.26	1,050,716.07
186	5-Jul	8.75	0.25	0.00	0.00	5,403.22	1,350.81	4,215,471.78	1,053,867.95
186	5-Jul	9	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
186	5-Jul	9.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
186	5-Jul	9.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
186	5-Jul	9.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
186	5-Jul	10	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
186	5-Jul	10.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
186	5-Jul	10.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
186	5-Jul	10.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
186	5-Jul	11	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
186	5-Jul	11.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
186	5-Jul	11.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
186	5-Jul	11.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
186	5-Jul	12	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
186	5-Jul	12.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
186	5-Jul	12.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
186	5-Jul	12.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
186	5-Jul	13	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
186	5-Jul	13.25	0.25	0.00	0.00	112.57	28.14	4,220,762.44	1,055,190.61
186	5-Jul	13.5	0.25	0.00	0.00	731.69	182.92	4,220,143.32	1,055,035.83
186	5-Jul	13.75	0.25	0.00	0.00	1,350.81	337.70	4,219,524.20	1,054,881.05
186	5-Jul	14	0.25	0.00	0.00	2,082.49	520.62	4,218,792.52	1,054,698.13
186	5-Jul	14.25	0.25	0.00	0.00	3,320.73	830.18	4,217,554.28	1,054,388.57
186	5-Jul	14.5	0.25	0.00	0.00	5,346.94	1,336.74	4,215,528.07	1,053,882.02
186	5-Jul	14.75	0.25	0.00	0.00	8,611.39	2,152.85	4,212,263.62	1,053,065.90
186	5-Jul	15	0.25	0.00	0.00	13,282.93	3,320.73	4,207,592.08	1,051,898.02
186	5-Jul	15.25	0.25	0.00	0.00	20,824.93	5,206.23	4,200,050.08	1,050,012.52
186	5-Jul	15.5	0.25	0.00	0.00	31,349.96	7,837.49	4,189,525.05	1,047,381.26
186	5-Jul	15.75	0.25	0.00	0.00	43,732.35	10,933.09	4,177,142.66	1,044,285.67
186	5-Jul	16	0.25	0.00	0.00	56,677.57	14,169.39	4,164,197.44	1,041,049.36
186	5-Jul	16.25	0.25	0.00	0.00	73,112.38	18,278.09	4,147,762.63	1,036,940.66
186	5-Jul	16.5	0.25	0.00	0.00	90,672.86	22,668.21	4,130,202.15	1,032,550.54
186	5-Jul	16.75	0.25	0.00	0.00	109,696.71	27,424.18	4,111,178.30	1,027,794.57
186	5-Jul	17	0.25	0.00	0.00	127,988.88	31,997.22	4,092,886.13	1,023,221.53
186	5-Jul	17.25	0.25	0.00	0.00	151,402.85	37,850.71	4,069,472.16	1,017,368.04
186	5-Jul	17.5	0.25	0.00	0.00	181,852.27	45,463.07	4,039,022.74	1,009,755.69
186	5-Jul	17.75	0.25	0.00	0.00	212,583.11	53,145.78	4,008,291.90	1,002,072.98
186	5-Jul	18	0.25	0.00	0.00	248,886.02	62,221.50	3,971,988.99	992,997.25
186	5-Jul	18.25	0.25	0.00	0.00	291,548.98	72,887.24	3,929,326.03	982,331.51
186	5-Jul	18.5	0.25	0.00	0.00	353,348.36	88,337.09	3,867,526.65	966,881.66
186	5-Jul	18.75	0.25	0.00	0.00	457,754.41	114,438.60	3,763,120.60	940,780.15

DayNum	Date	Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
186	5-Jul	19	0.25	0.00	0.00	608,650.71	152,162.68	3,612,224.30	903,056.08
186	5-Jul	19.25	0.3	0.00	0.00	788,082.78	236,424.83	3,432,792.23	1,029,837.67
186	5-Jul	19.6	0.18	0.00	0.00	947,871.88	170,616.94	3,273,003.13	589,140.56
193	12-Jul	6.94	0.03	0.00	0.00	291,042.43	8,731.27	3,929,832.58	117,894.98
193	12-Jul	7	0.15	0.00	0.00	254,683.23	38,202.48	3,966,191.78	594,928.77
193	12-Jul	7.25	0.25	0.00	0.00	177,011.88	44,252.97	4,043,863.13	1,010,965.78
193	12-Jul	7.5	0.25	0.00	0.00	127,088.34	31,772.08	4,093,786.67	1,023,446.67
193	12-Jul	7.75	0.25	0.00	0.00	91,235.69	22,808.92	4,129,639.31	1,032,409.83
193	12-Jul	8	0.25	0.00	0.00	64,107.01	16,026.75	4,156,768.00	1,039,192.00
193	12-Jul	8.25	0.25	0.00	0.00	37,541.15	9,385.29	4,183,333.86	1,045,833.46
193	12-Jul	8.5	0.25	0.00	0.00	17,616.76	4,404.19	4,203,258.25	1,050,814.56
193	12-Jul	8.75	0.25	0.00	0.00	5,909.78	1,477.44	4,214,965.23	1,053,741.31
193	12-Jul	9	0.25	0.00	0.00	112.57	28.14	4,220,762.44	1,055,190.61
193	12-Jul	9.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
193	12-Jul	9.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
193	12-Jul	9.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
193	12-Jul	10	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
193	12-Jul	10.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
193	12-Jul	10.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
193	12-Jul	10.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
193	12-Jul	11	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
193	12-Jul	11.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
193	12-Jul	11.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
193	12-Jul	11.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
193	12-Jul	12	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
193	12-Jul	12.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
193	12-Jul	12.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
193	12-Jul	12.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
193	12-Jul	13	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
193	12-Jul	13.25	0.25	0.00	0.00	393.99	98.50	4,220,481.02	1,055,120.26
193	12-Jul	13.5	0.25	0.00	0.00	900.54	225.13	4,219,974.47	1,054,993.62
193	12-Jul	13.75	0.25	0.00	0.00	1,744.79	436.20	4,219,130.22	1,054,782.55
193	12-Jul	14	0.25	0.00	0.00	2,251.34	562.84	4,218,623.66	1,054,655.92
193	12-Jul	14.25	0.25	0.00	0.00	3,545.87	886.47	4,217,329.14	1,054,332.29
193	12-Jul	14.5	0.25	0.00	0.00	5,853.49	1,463.37	4,215,021.52	1,053,755.38
193	12-Jul	14.75	0.25	0.00	0.00	8,892.81	2,223.20	4,211,982.20	1,052,995.55
193	12-Jul	15	0.25	0.00	0.00	13,226.64	3,306.66	4,207,648.37	1,051,912.09
193	12-Jul	15.25	0.25	0.00	0.00	20,430.94	5,107.74	4,200,444.07	1,050,111.02
193	12-Jul	15.5	0.25	0.00	0.00	30,730.84	7,682.71	4,190,144.17	1,047,536.04
193	12-Jul	15.75	0.25	0.00	0.00	43,676.06	10,919.02	4,177,198.95	1,044,299.74
193	12-Jul	16	0.25	0.00	0.00	58,366.08	14,591.52	4,162,508.93	1,040,627.23
193	12-Jul	16.25	0.25	0.00	0.00	74,012.92	18,503.23	4,146,862.09	1,036,715.52
193	12-Jul	16.5	0.25	0.00	0.00	90,560.29	22,640.07	4,130,314.72	1,032,578.68
193	12-Jul	16.75	0.25	0.00	0.00	110,653.53	27,663.38	4,110,221.48	1,027,555.37
193	12-Jul	17	0.25	0.00	0.00	130,915.62	32,728.91	4,089,959.39	1,022,489.85
193	12-Jul	17.25	0.25	0.00	0.00	157,594.04	39,398.51	4,063,280.97	1,015,820.24
193	12-Jul	17.5	0.25	0.00	0.00	185,679.55	46,419.89	4,035,195.46	1,008,798.86
193	12-Jul	17.75	0.25	0.00	0.00	214,834.45	53,708.61	4,006,040.56	1,001,510.14
193	12-Jul	18	0.25	0.00	0.00	256,259.17	64,064.79	3,964,615.84	991,153.96
193	12-Jul	18.25	0.25	0.00	0.00	300,498.07	75,124.52	3,920,376.94	980,094.23
193	12-Jul	18.5	0.25	0.00	0.00	362,184.88	90,546.22	3,858,690.13	964,672.53
193	12-Jul	18.75	0.25	0.00	0.00	470,249.37	117,562.34	3,750,625.64	937,656.41
193	12-Jul	19	0.25	0.00	0.00	624,072.41	156,018.10	3,596,802.60	899,200.65
193	12-Jul	19.25	0.28	0.00	0.00	801,759.69	224,492.71	3,419,115.32	957,352.29
193	12-Jul	19.56	0.15	0.00	0.00	958,002.93	143,700.44	3,262,872.08	489,430.81
200	19-Jul	7.02	0.13	0.00	0.00	269,710.95	35,062.42	3,951,164.06	513,651.33
200	19-Jul	7.27	0.24	0.00	0.00	189,563.12	45,495.15	4,031,311.89	967,514.85
200	19-Jul	7.5	0.24	0.00	0.00	136,487.70	32,757.05	4,084,387.31	980,252.95
200	19-Jul	7.75	0.25	0.00	0.00	97,314.32	24,328.58	4,123,560.69	1,030,890.17
200	19-Jul	8	0.25	0.00	0.00	63,093.90	15,773.48	4,157,781.11	1,039,445.28
200	19-Jul	8.25	0.25	0.00	0.00	35,740.08	8,935.02	4,185,134.93	1,046,283.73
200	19-Jul	8.5	0.25	0.00	0.00	16,716.23	4,179.06	4,204,158.78	1,051,039.70
200	19-Jul	8.75	0.25	0.00	0.00	4,671.54	1,167.88	4,216,203.47	1,054,050.87
200	19-Jul	9	0.25	0.00	0.00	112.57	28.14	4,220,762.44	1,055,190.61
200	19-Jul	9.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
200	19-Jul	9.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
200	19-Jul	9.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
200	19-Jul	10	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
200	19-Jul	10.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
200	19-Jul	10.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
200	19-Jul	10.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
200	19-Jul	11	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
200	19-Jul	11.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
200	19-Jul	11.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
200	19-Jul	11.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
200	19-Jul	12	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
200	19-Jul	12.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
200	19-Jul	12.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
200	19-Jul	12.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
200	19-Jul	13	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
200	19-Jul	13.25	0.25	0.00	0.00	393.99	98.50	4,220,481.02	1,055,120.26
200	19-Jul	13.5	0.25	0.00	0.00	1,013.10	253.28	4,219,861.90	1,054,965.48

DayNum	Date	Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
200	19-Jul	13.75	0.25	0.00	0.00	1,857.36	464.34	4,219,017.65	1,054,754.41
200	19-Jul	14	0.25	0.00	0.00	2,645.33	661.33	4,218,229.68	1,054,557.42
200	19-Jul	14.25	0.25	0.00	0.00	4,277.55	1,069.39	4,216,597.46	1,054,149.36
200	19-Jul	14.5	0.25	0.00	0.00	6,360.05	1,590.01	4,214,514.96	1,053,628.74
200	19-Jul	14.75	0.25	0.00	0.00	9,343.08	2,335.77	4,211,531.93	1,052,882.98
200	19-Jul	15	0.25	0.00	0.00	13,676.91	3,419.23	4,207,198.10	1,051,799.52
200	19-Jul	15.25	0.25	0.00	0.00	20,993.78	5,248.44	4,199,881.23	1,049,970.31
200	19-Jul	15.5	0.25	0.00	0.00	31,406.24	7,851.56	4,189,468.77	1,047,367.19
200	19-Jul	15.75	0.25	0.00	0.00	43,338.36	10,834.59	4,177,536.65	1,044,384.16
200	19-Jul	16	0.25	0.00	0.00	58,985.20	14,746.30	4,161,889.81	1,040,472.45
200	19-Jul	16.25	0.25	0.00	0.00	75,926.56	18,981.64	4,144,948.45	1,036,237.11
200	19-Jul	16.5	0.25	0.00	0.00	93,993.59	23,498.40	4,126,881.42	1,031,720.35
200	19-Jul	16.75	0.25	0.00	0.00	113,073.73	28,268.43	4,107,801.28	1,026,950.32
200	19-Jul	17	0.25	0.00	0.00	134,348.92	33,587.23	4,086,526.09	1,021,631.52
200	19-Jul	17.25	0.25	0.00	0.00	158,494.58	39,623.64	4,062,380.43	1,015,595.11
200	19-Jul	17.5	0.25	0.00	0.00	193,446.69	48,361.67	4,027,428.32	1,006,857.08
200	19-Jul	17.75	0.25	0.00	0.00	223,558.41	55,889.60	3,997,316.60	999,329.15
200	19-Jul	18	0.25	0.00	0.00	265,602.25	66,400.56	3,955,272.76	988,818.19
200	19-Jul	18.25	0.25	0.00	0.00	314,512.68	78,628.17	3,906,362.33	976,590.58
200	19-Jul	18.5	0.25	0.00	0.00	385,655.14	96,413.78	3,835,219.87	958,804.97
200	19-Jul	18.75	0.25	0.00	0.00	492,593.95	123,148.49	3,728,281.06	932,070.26
200	19-Jul	19	0.25	0.00	0.00	657,054.59	164,263.65	3,563,820.42	890,955.10
200	19-Jul	19.25	0.25	0.00	0.00	829,057.23	207,264.31	3,391,817.78	847,954.44
200	19-Jul	19.5	0.13	0.00	0.00	970,216.47	126,128.14	3,250,658.54	422,585.61
207	26-Jul	7.12	0.06	0.00	0.00	260,649.29	15,638.96	3,960,225.72	237,613.54
207	26-Jul	7.25	0.19	0.00	0.00	217,817.48	41,385.32	4,003,057.53	760,580.93
207	26-Jul	7.5	0.25	0.00	0.00	146,281.04	36,570.26	4,074,593.97	1,018,648.49
207	26-Jul	7.75	0.25	0.00	0.00	96,132.37	24,033.09	4,124,742.64	1,031,185.66
207	26-Jul	8	0.25	0.00	0.00	56,565.00	14,141.25	4,164,310.00	1,041,077.50
207	26-Jul	8.25	0.25	0.00	0.00	32,250.50	8,062.62	4,188,624.51	1,047,156.13
207	26-Jul	8.5	0.25	0.00	0.00	15,140.28	3,785.07	4,205,734.72	1,051,433.68
207	26-Jul	8.75	0.25	0.00	0.00	4,221.27	1,055.32	4,216,653.74	1,054,163.43
207	26-Jul	9	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
207	26-Jul	9.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
207	26-Jul	9.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
207	26-Jul	9.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
207	26-Jul	10	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
207	26-Jul	10.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
207	26-Jul	10.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
207	26-Jul	10.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
207	26-Jul	11	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
207	26-Jul	11.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
207	26-Jul	11.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
207	26-Jul	11.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
207	26-Jul	12	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
207	26-Jul	12.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
207	26-Jul	12.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
207	26-Jul	12.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
207	26-Jul	13	0.25	0.00	0.00	225.13	56.28	4,220,649.87	1,055,162.47
207	26-Jul	13.25	0.25	0.00	0.00	675.40	168.85	4,220,199.61	1,055,049.90
207	26-Jul	13.5	0.25	0.00	0.00	1,463.37	365.84	4,219,411.64	1,054,852.91
207	26-Jul	13.75	0.25	0.00	0.00	2,476.48	619.12	4,218,398.53	1,054,599.63
207	26-Jul	14	0.25	0.00	0.00	3,320.73	830.18	4,217,554.28	1,054,388.57
207	26-Jul	14.25	0.25	0.00	0.00	4,896.67	1,224.17	4,215,978.34	1,053,994.58
207	26-Jul	14.5	0.25	0.00	0.00	6,754.03	1,688.51	4,214,120.98	1,053,530.24
207	26-Jul	14.75	0.25	0.00	0.00	10,187.33	2,546.83	4,210,687.68	1,052,671.92
207	26-Jul	15	0.25	0.00	0.00	14,577.45	3,644.36	4,206,297.56	1,051,574.39
207	26-Jul	15.25	0.25	0.00	0.00	21,500.33	5,375.08	4,199,374.68	1,049,843.67
207	26-Jul	15.5	0.25	0.00	0.00	32,081.64	8,020.41	4,188,793.36	1,047,198.34
207	26-Jul	15.75	0.25	0.00	0.00	45,589.71	11,397.43	4,175,285.30	1,043,821.33
207	26-Jul	16	0.25	0.00	0.00	60,955.12	15,238.78	4,159,919.88	1,039,979.97
207	26-Jul	16.25	0.25	0.00	0.00	77,446.22	19,361.55	4,143,428.79	1,035,857.20
207	26-Jul	16.5	0.25	0.00	0.00	97,539.46	24,384.86	4,123,335.55	1,030,833.89
207	26-Jul	16.75	0.25	0.00	0.00	117,520.13	29,380.03	4,103,354.88	1,025,838.72
207	26-Jul	17	0.25	0.00	0.00	139,189.31	34,797.33	4,081,685.70	1,020,421.42
207	26-Jul	17.25	0.25	0.00	0.00	169,075.89	42,268.97	4,051,799.11	1,012,949.78
207	26-Jul	17.5	0.25	0.00	0.00	199,131.33	49,782.83	4,021,743.68	1,005,435.92
207	26-Jul	17.75	0.25	0.00	0.00	239,261.53	59,815.38	3,981,613.48	995,403.37
207	26-Jul	18	0.25	0.00	0.00	284,063.26	71,015.82	3,936,811.75	984,202.94
207	26-Jul	18.25	0.25	0.00	0.00	338,883.47	84,720.87	3,881,991.53	970,497.88
207	26-Jul	18.5	0.25	0.00	0.00	421,001.23	105,250.31	3,799,873.78	949,968.45
207	26-Jul	18.75	0.25	0.00	0.00	546,795.04	136,698.76	3,674,079.96	918,519.99
207	26-Jul	19	0.25	0.00	0.00	700,561.80	175,140.45	3,520,313.21	880,078.30
207	26-Jul	19.25	0.21	0.00	0.00	871,832.76	183,084.88	3,349,042.25	703,298.87
207	26-Jul	19.42	0.09	0.00	0.00	966,164.05	86,954.76	3,254,710.96	292,923.99
214	2-Aug	7.21	0.02	0.00	0.00	259,692.47	5,193.85	3,961,182.54	79,223.65
214	2-Aug	7.25	0.15	0.00	0.00	245,115.02	36,767.25	3,975,759.99	596,364.00
214	2-Aug	7.5	0.25	0.00	0.00	140,089.85	35,022.46	4,080,785.16	1,020,196.29
214	2-Aug	7.75	0.25	0.00	0.00	83,299.71	20,824.93	4,137,575.30	1,034,393.83
214	2-Aug	8	0.25	0.00	0.00	47,841.05	11,960.26	4,173,033.96	1,043,258.49
214	2-Aug	8.25	0.25	0.00	0.00	26,228.15	6,557.04	4,194,646.86	1,048,661.71
214	2-Aug	8.5	0.25	0.00	0.00	10,525.03	2,631.26	4,210,349.98	1,052,587.49

DayNum	Date	Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
214	2-Aug	8.75	0.25	0.00	0.00	1,688.51	422.13	4,219,186.50	1,054,796.63
214	2-Aug	9	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
214	2-Aug	9.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
214	2-Aug	9.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
214	2-Aug	9.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
214	2-Aug	10	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
214	2-Aug	10.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
214	2-Aug	10.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
214	2-Aug	10.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
214	2-Aug	11	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
214	2-Aug	11.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
214	2-Aug	11.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
214	2-Aug	11.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
214	2-Aug	12	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
214	2-Aug	12.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
214	2-Aug	12.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
214	2-Aug	12.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
214	2-Aug	13	0.25	0.00	0.00	619.12	154.78	4,220,255.89	1,055,063.97
214	2-Aug	13.25	0.25	0.00	0.00	1,238.24	309.56	4,219,636.77	1,054,909.19
214	2-Aug	13.5	0.25	0.00	0.00	2,138.78	534.69	4,218,736.23	1,054,684.06
214	2-Aug	13.75	0.25	0.00	0.00	3,095.60	773.90	4,217,779.41	1,054,444.85
214	2-Aug	14	0.25	0.00	0.00	3,939.85	984.96	4,216,935.16	1,054,233.79
214	2-Aug	14.25	0.25	0.00	0.00	5,684.64	1,421.16	4,215,190.37	1,053,797.59
214	2-Aug	14.5	0.25	0.00	0.00	8,329.97	2,082.49	4,212,545.04	1,053,136.26
214	2-Aug	14.75	0.25	0.00	0.00	11,313.00	2,828.25	4,209,562.01	1,052,390.50
214	2-Aug	15	0.25	0.00	0.00	15,815.69	3,953.92	4,205,059.32	1,051,264.83
214	2-Aug	15.25	0.25	0.00	0.00	22,682.29	5,670.57	4,198,192.72	1,049,548.18
214	2-Aug	15.5	0.25	0.00	0.00	33,319.88	8,329.97	4,187,555.13	1,046,888.78
214	2-Aug	15.75	0.25	0.00	0.00	47,109.36	11,777.34	4,173,765.65	1,043,441.41
214	2-Aug	16	0.25	0.00	0.00	62,474.78	15,618.70	4,158,400.23	1,039,600.06
214	2-Aug	16.25	0.25	0.00	0.00	81,442.35	20,360.59	4,139,432.66	1,034,858.16
214	2-Aug	16.5	0.25	0.00	0.00	101,141.61	25,285.40	4,119,733.40	1,029,933.35
214	2-Aug	16.75	0.25	0.00	0.00	122,247.95	30,561.99	4,098,627.06	1,024,656.76
214	2-Aug	17	0.25	0.00	0.00	148,701.24	37,175.31	4,072,173.77	1,018,043.44
214	2-Aug	17.25	0.25	0.00	0.00	178,925.52	44,731.38	4,041,949.49	1,010,487.37
214	2-Aug	17.5	0.25	0.00	0.00	215,622.42	53,905.61	4,005,252.59	1,001,313.15
214	2-Aug	17.75	0.25	0.00	0.00	258,848.21	64,712.05	3,962,026.79	990,506.70
214	2-Aug	18	0.25	0.00	0.00	309,841.14	77,460.29	3,911,033.86	977,758.47
214	2-Aug	18.25	0.25	0.00	0.00	377,775.43	94,443.86	3,843,099.58	960,774.89
214	2-Aug	18.5	0.25	0.00	0.00	465,071.28	116,267.82	3,755,803.73	938,950.93
214	2-Aug	18.75	0.25	0.00	0.00	597,281.42	149,320.36	3,623,593.59	905,898.40
214	2-Aug	19	0.25	0.00	0.00	757,126.81	189,281.70	3,463,748.20	865,937.05
214	2-Aug	19.25	0.15	0.00	0.00	922,150.28	138,322.54	3,298,724.73	494,808.71
214	2-Aug	19.31	0.03	0.00	0.00	954,231.93	28,626.96	3,266,643.08	97,999.29
221	9-Aug	7.32	0.09	0.00	0.00	213,596.21	19,223.66	4,007,278.80	360,655.09
221	9-Aug	7.5	0.21	0.00	0.00	121,797.68	25,577.51	4,099,077.33	860,806.24
221	9-Aug	7.75	0.25	0.00	0.00	63,713.02	15,928.26	4,157,161.99	1,039,290.50
221	9-Aug	8	0.25	0.00	0.00	34,839.54	8,709.89	4,186,035.47	1,046,508.87
221	9-Aug	8.25	0.25	0.00	0.00	16,885.08	4,221.27	4,203,989.93	1,050,997.48
221	9-Aug	8.5	0.25	0.00	0.00	5,909.78	1,477.44	4,214,965.23	1,053,741.31
221	9-Aug	8.75	0.25	0.00	0.00	168.85	42.21	4,220,706.16	1,055,176.54
221	9-Aug	9	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
221	9-Aug	9.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
221	9-Aug	9.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
221	9-Aug	9.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
221	9-Aug	10	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
221	9-Aug	10.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
221	9-Aug	10.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
221	9-Aug	10.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
221	9-Aug	11	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
221	9-Aug	11.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
221	9-Aug	11.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
221	9-Aug	11.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
221	9-Aug	12	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
221	9-Aug	12.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
221	9-Aug	12.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
221	9-Aug	12.75	0.25	0.00	0.00	506.55	126.64	4,220,368.46	1,055,092.11
221	9-Aug	13	0.25	0.00	0.00	1,294.52	323.63	4,219,580.49	1,054,895.12
221	9-Aug	13.25	0.25	0.00	0.00	2,251.34	562.84	4,218,623.66	1,054,655.92
221	9-Aug	13.5	0.25	0.00	0.00	2,926.75	731.69	4,217,948.26	1,054,487.07
221	9-Aug	13.75	0.25	0.00	0.00	4,108.70	1,027.18	4,216,766.31	1,054,191.58
221	9-Aug	14	0.25	0.00	0.00	4,615.25	1,153.81	4,216,259.75	1,054,064.94
221	9-Aug	14.25	0.25	0.00	0.00	6,979.16	1,744.79	4,213,895.84	1,053,473.96
221	9-Aug	14.5	0.25	0.00	0.00	10,074.76	2,518.69	4,210,800.25	1,052,700.06
221	9-Aug	14.75	0.25	0.00	0.00	12,720.09	3,180.02	4,208,154.92	1,052,038.73
221	9-Aug	15	0.25	0.00	0.00	17,785.61	4,446.40	4,203,089.40	1,050,772.35
221	9-Aug	15.25	0.25	0.00	0.00	24,033.09	6,008.27	4,196,841.92	1,049,210.48
221	9-Aug	15.5	0.25	0.00	0.00	35,120.96	8,780.24	4,185,754.05	1,046,438.51
221	9-Aug	15.75	0.25	0.00	0.00	50,317.53	12,579.38	4,170,557.48	1,042,639.37
221	9-Aug	16	0.25	0.00	0.00	66,639.77	16,659.94	4,154,235.24	1,038,558.81
221	9-Aug	16.25	0.25	0.00	0.00	86,845.57	21,711.39	4,134,029.43	1,033,507.36
221	9-Aug	16.5	0.25	0.00	0.00	108,233.34	27,058.33	4,112,641.67	1,028,160.42

DayNum	Date	Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
221	9-Aug	16.75	0.25	0.00	0.00	130,352.79	32,588.20	4,090,522.22	1,022,630.56
221	9-Aug	17	0.25	0.00	0.00	158,663.43	39,665.86	4,062,211.58	1,015,552.89
221	9-Aug	17.25	0.25	0.00	0.00	191,870.75	47,967.69	4,029,004.26	1,007,251.07
221	9-Aug	17.5	0.25	0.00	0.00	236,278.50	59,069.62	3,984,596.51	996,149.13
221	9-Aug	17.75	0.25	0.00	0.00	280,742.53	70,185.63	3,940,132.48	985,033.12
221	9-Aug	18	0.25	0.00	0.00	347,832.57	86,958.14	3,873,042.44	968,260.61
221	9-Aug	18.25	0.25	0.00	0.00	432,539.36	108,134.84	3,788,335.65	947,083.91
221	9-Aug	18.5	0.25	0.00	0.00	533,399.55	133,349.89	3,687,475.46	921,868.86
221	9-Aug	18.75	0.34	0.00	0.00	671,406.90	228,278.35	3,549,468.10	1,206,819.16
221	9-Aug	19.18	0.21	0.00	0.00	928,791.75	195,046.27	3,292,083.26	691,337.49
228	16-Aug	7.42	0.04	0.00	0.00	111,891.77	4,475.67	4,108,983.24	164,359.33
228	16-Aug	7.5	0.17	0.00	0.00	81,104.65	13,787.79	4,139,770.36	703,760.96
228	16-Aug	7.75	0.25	0.00	0.00	40,861.88	10,215.47	4,180,013.12	1,045,003.28
228	16-Aug	8	0.25	0.00	0.00	20,430.94	5,107.74	4,200,444.07	1,050,111.02
228	16-Aug	8.25	0.25	0.00	0.00	7,879.70	1,969.93	4,212,995.31	1,053,248.83
228	16-Aug	8.5	0.25	0.00	0.00	1,463.37	365.84	4,219,411.64	1,054,852.91
228	16-Aug	8.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
228	16-Aug	9	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
228	16-Aug	9.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
228	16-Aug	9.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
228	16-Aug	9.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
228	16-Aug	10	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
228	16-Aug	10.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
228	16-Aug	10.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
228	16-Aug	10.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
228	16-Aug	11	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
228	16-Aug	11.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
228	16-Aug	11.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
228	16-Aug	11.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
228	16-Aug	12	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
228	16-Aug	12.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
228	16-Aug	12.5	0.25	0.00	0.00	281.42	70.35	4,220,593.59	1,055,148.40
228	16-Aug	12.75	0.25	0.00	0.00	1,181.96	295.49	4,219,693.05	1,054,923.26
228	16-Aug	13	0.25	0.00	0.00	2,026.21	506.55	4,218,848.80	1,054,712.20
228	16-Aug	13.25	0.25	0.00	0.00	3,039.31	759.83	4,217,835.69	1,054,458.92
228	16-Aug	13.5	0.25	0.00	0.00	4,052.42	1,013.10	4,216,822.59	1,054,205.65
228	16-Aug	13.75	0.25	0.00	0.00	4,952.96	1,238.24	4,215,922.05	1,053,980.51
228	16-Aug	14	0.25	0.00	0.00	6,247.48	1,561.87	4,214,627.53	1,053,656.88
228	16-Aug	14.25	0.25	0.00	0.00	8,667.67	2,166.92	4,212,207.34	1,053,051.83
228	16-Aug	14.5	0.25	0.00	0.00	11,144.15	2,786.04	4,209,730.86	1,052,432.71
228	16-Aug	14.75	0.25	0.00	0.00	14,464.88	3,616.22	4,206,410.13	1,051,602.53
228	16-Aug	15	0.25	0.00	0.00	19,248.99	4,812.25	4,201,626.02	1,050,406.51
228	16-Aug	15.25	0.25	0.00	0.00	25,890.45	6,472.61	4,194,984.56	1,048,746.14
228	16-Aug	15.5	0.25	0.00	0.00	37,822.57	9,455.64	4,183,052.44	1,045,763.11
228	16-Aug	15.75	0.25	0.00	0.00	54,088.53	13,522.13	4,166,786.48	1,041,696.62
228	16-Aug	16	0.25	0.00	0.00	73,168.66	18,292.17	4,147,706.35	1,036,926.59
228	16-Aug	16.25	0.25	0.00	0.00	92,361.37	23,090.34	4,128,513.64	1,032,128.41
228	16-Aug	16.5	0.25	0.00	0.00	116,394.46	29,098.61	4,104,480.55	1,026,120.14
228	16-Aug	16.75	0.25	0.00	0.00	140,483.83	35,120.96	4,080,391.18	1,020,097.79
228	16-Aug	17	0.25	0.00	0.00	171,946.36	42,986.59	4,048,928.65	1,012,232.16
228	16-Aug	17.25	0.25	0.00	0.00	212,245.40	53,061.35	4,008,629.60	1,002,157.40
228	16-Aug	17.5	0.25	0.00	0.00	261,718.68	65,429.67	3,959,156.33	989,789.08
228	16-Aug	17.75	0.25	0.00	0.00	318,846.52	79,711.63	3,902,028.49	975,507.12
228	16-Aug	18	0.25	0.00	0.00	394,660.51	98,665.13	3,826,214.50	956,553.62
228	16-Aug	18.25	0.25	0.00	0.00	499,404.26	124,851.07	3,721,470.74	930,367.69
228	16-Aug	18.5	0.25	0.00	0.00	620,639.11	155,159.78	3,600,235.90	900,058.97
228	16-Aug	18.75	0.27	0.00	0.00	762,586.31	205,898.30	3,458,288.69	933,737.95
228	16-Aug	19.04	0.14	0.00	0.00	931,943.63	130,472.11	3,288,931.38	460,450.39
235	23-Aug	7.53	0.11	0.00	0.00	37,203.45	4,092.38	4,183,671.56	460,203.87
235	23-Aug	7.75	0.23	0.00	0.00	20,543.51	4,725.01	4,200,331.50	966,076.24
235	23-Aug	8	0.25	0.00	0.00	8,611.39	2,152.85	4,212,263.62	1,053,065.90
235	23-Aug	8.25	0.25	0.00	0.00	1,969.93	492.48	4,218,905.08	1,054,726.27
235	23-Aug	8.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
235	23-Aug	8.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
235	23-Aug	9	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
235	23-Aug	9.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
235	23-Aug	9.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
235	23-Aug	9.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
235	23-Aug	10	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
235	23-Aug	10.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
235	23-Aug	10.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
235	23-Aug	10.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
235	23-Aug	11	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
235	23-Aug	11.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
235	23-Aug	11.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
235	23-Aug	11.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
235	23-Aug	12	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
235	23-Aug	12.25	0.25	0.00	0.00	450.27	112.57	4,220,424.74	1,055,106.18
235	23-Aug	12.5	0.25	0.00	0.00	1,350.81	337.70	4,219,524.20	1,054,881.05
235	23-Aug	12.75	0.25	0.00	0.00	2,251.34	562.84	4,218,623.66	1,054,655.92
235	23-Aug	13	0.25	0.00	0.00	3,433.30	858.32	4,217,441.71	1,054,360.43
235	23-Aug	13.25	0.25	0.00	0.00	4,390.12	1,097.53	4,216,484.89	1,054,121.22

DayNum	Date	Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
235	23-Aug	13.5	0.25	0.00	0.00	5,515.79	1,378.95	4,215,359.22	1,053,839.80
235	23-Aug	13.75	0.25	0.00	0.00	6,697.75	1,674.44	4,214,177.26	1,053,544.32
235	23-Aug	14	0.25	0.00	0.00	7,767.13	1,941.78	4,213,107.87	1,053,276.97
235	23-Aug	14.25	0.25	0.00	0.00	9,905.91	2,476.48	4,210,969.10	1,052,742.27
235	23-Aug	14.5	0.25	0.00	0.00	13,282.93	3,320.73	4,207,592.08	1,051,898.02
235	23-Aug	14.75	0.25	0.00	0.00	17,335.34	4,333.84	4,203,539.66	1,050,884.92
235	23-Aug	15	0.25	0.00	0.00	21,500.33	5,375.08	4,199,374.68	1,049,843.67
235	23-Aug	15.25	0.25	0.00	0.00	27,747.81	6,936.95	4,193,127.20	1,048,281.80
235	23-Aug	15.5	0.25	0.00	0.00	41,706.14	10,426.53	4,179,168.87	1,044,792.22
235	23-Aug	15.75	0.25	0.00	0.00	58,872.63	14,718.16	4,162,002.38	1,040,500.59
235	23-Aug	16	0.25	0.00	0.00	77,389.93	19,347.48	4,143,485.08	1,035,871.27
235	23-Aug	16.25	0.25	0.00	0.00	101,479.31	25,369.83	4,119,395.70	1,029,848.93
235	23-Aug	16.5	0.25	0.00	0.00	127,144.62	31,786.16	4,093,730.39	1,023,432.60
235	23-Aug	16.75	0.25	0.00	0.00	155,624.12	38,906.03	4,065,250.89	1,016,312.72
235	23-Aug	17	0.25	0.00	0.00	188,662.58	47,165.65	4,032,212.43	1,008,053.11
235	23-Aug	17.25	0.25	0.00	0.00	238,698.69	59,674.67	3,982,176.32	995,544.08
235	23-Aug	17.5	0.25	0.00	0.00	297,121.05	74,280.26	3,923,753.95	980,938.49
235	23-Aug	17.75	0.25	0.00	0.00	372,315.93	93,078.98	3,848,559.08	962,139.77
235	23-Aug	18	0.25	0.00	0.00	471,712.74	117,928.18	3,749,162.27	937,290.57
235	23-Aug	18.25	0.25	0.00	0.00	586,700.11	146,675.03	3,634,174.90	908,543.73
235	23-Aug	18.5	0.25	0.00	0.00	720,261.06	180,065.26	3,500,613.95	875,153.49
235	23-Aug	18.75	0.19	0.00	0.00	895,246.73	170,096.88	3,325,628.28	631,869.37
235	23-Aug	18.88	0.06	0.00	0.00	946,014.52	56,760.87	3,274,860.49	196,491.63
242	30-Aug	7.63	0.06	0.00	0.00	13,114.08	786.84	4,207,760.93	252,465.66
242	30-Aug	7.75	0.19	0.00	0.00	7,879.70	1,497.14	4,212,995.31	800,469.11
242	30-Aug	8	0.25	0.00	0.00	844.25	211.06	4,220,030.75	1,055,007.69
242	30-Aug	8.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
242	30-Aug	8.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
242	30-Aug	8.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
242	30-Aug	9	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
242	30-Aug	9.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
242	30-Aug	9.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
242	30-Aug	9.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
242	30-Aug	10	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
242	30-Aug	10.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
242	30-Aug	10.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
242	30-Aug	10.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
242	30-Aug	11	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
242	30-Aug	11.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
242	30-Aug	11.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
242	30-Aug	11.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
242	30-Aug	12	0.25	0.00	0.00	281.42	70.35	4,220,593.59	1,055,148.40
242	30-Aug	12.25	0.25	0.00	0.00	1,407.09	351.77	4,219,467.92	1,054,866.98
242	30-Aug	12.5	0.25	0.00	0.00	2,251.34	562.84	4,218,623.66	1,054,655.92
242	30-Aug	12.75	0.25	0.00	0.00	3,714.72	928.68	4,217,160.29	1,054,290.07
242	30-Aug	13	0.25	0.00	0.00	4,840.39	1,210.10	4,216,034.62	1,054,008.65
242	30-Aug	13.25	0.25	0.00	0.00	5,909.78	1,477.44	4,214,965.23	1,053,741.31
242	30-Aug	13.5	0.25	0.00	0.00	7,204.30	1,801.07	4,213,670.71	1,053,417.68
242	30-Aug	13.75	0.25	0.00	0.00	8,161.12	2,040.28	4,212,713.89	1,053,178.47
242	30-Aug	14	0.25	0.00	0.00	9,793.34	2,448.34	4,211,081.66	1,052,770.42
242	30-Aug	14.25	0.25	0.00	0.00	11,988.40	2,997.10	4,208,886.60	1,052,221.65
242	30-Aug	14.5	0.25	0.00	0.00	15,534.27	3,883.57	4,205,340.74	1,051,335.18
242	30-Aug	14.75	0.25	0.00	0.00	19,642.97	4,910.74	4,201,232.04	1,050,308.01
242	30-Aug	15	0.25	0.00	0.00	24,427.08	6,106.77	4,196,447.93	1,049,111.98
242	30-Aug	15.25	0.25	0.00	0.00	31,462.52	7,865.63	4,189,412.48	1,047,353.12
242	30-Aug	15.5	0.25	0.00	0.00	46,208.82	11,552.21	4,174,666.18	1,043,666.55
242	30-Aug	15.75	0.25	0.00	0.00	64,332.14	16,083.03	4,156,542.87	1,039,135.72
242	30-Aug	16	0.25	0.00	0.00	84,931.93	21,232.98	4,135,943.08	1,033,985.77
242	30-Aug	16.25	0.25	0.00	0.00	111,722.92	27,930.73	4,109,152.09	1,027,288.02
242	30-Aug	16.5	0.25	0.00	0.00	137,106.82	34,276.70	4,083,768.19	1,020,942.05
242	30-Aug	16.75	0.25	0.00	0.00	169,638.73	42,409.68	4,051,236.28	1,012,809.07
242	30-Aug	17	0.25	0.00	0.00	209,206.09	52,301.52	4,011,668.92	1,002,917.23
242	30-Aug	17.25	0.25	0.00	0.00	266,108.80	66,527.20	3,954,766.21	988,691.55
242	30-Aug	17.5	0.25	0.00	0.00	341,810.22	85,452.56	3,879,064.79	969,766.20
242	30-Aug	17.75	0.25	0.00	0.00	442,726.69	110,681.67	3,778,148.32	944,537.08
242	30-Aug	18	0.25	0.00	0.00	565,368.63	141,342.16	3,655,506.38	913,876.60
242	30-Aug	18.25	0.25	0.00	0.00	701,968.89	175,492.22	3,518,906.12	879,726.53
242	30-Aug	18.5	0.23	0.00	0.00	876,110.31	201,505.37	3,344,764.70	769,295.88
242	30-Aug	18.71	0.11	0.00	0.00	987,439.24	108,618.32	3,233,435.77	355,677.93
249	6-Sep	7.74	0.13	0.00	0.00	844.25	109.75	4,220,030.75	548,604.00
249	6-Sep	8	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
249	6-Sep	8.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
249	6-Sep	8.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
249	6-Sep	8.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
249	6-Sep	9	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
249	6-Sep	9.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
249	6-Sep	9.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
249	6-Sep	9.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
249	6-Sep	10	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
249	6-Sep	10.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
249	6-Sep	10.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
249	6-Sep	10.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75

DayNum	Date	Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
249	6-Sep	11	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
249	6-Sep	11.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
249	6-Sep	11.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
249	6-Sep	11.75	0.25	0.00	0.00	168.85	42.21	4,220,706.16	1,055,176.54
249	6-Sep	12	0.25	0.00	0.00	1,407.09	351.77	4,219,467.92	1,054,866.98
249	6-Sep	12.25	0.25	0.00	0.00	2,983.03	745.76	4,217,891.98	1,054,472.99
249	6-Sep	12.5	0.25	0.00	0.00	4,277.55	1,069.39	4,216,597.46	1,054,149.36
249	6-Sep	12.75	0.25	0.00	0.00	5,797.21	1,449.30	4,215,077.80	1,053,769.45
249	6-Sep	13	0.25	0.00	0.00	7,035.45	1,758.86	4,213,839.56	1,053,459.89
249	6-Sep	13.25	0.25	0.00	0.00	8,217.40	2,054.35	4,212,657.60	1,053,164.40
249	6-Sep	13.5	0.25	0.00	0.00	9,230.51	2,307.63	4,211,644.50	1,052,911.13
249	6-Sep	13.75	0.25	0.00	0.00	10,187.33	2,546.83	4,210,687.68	1,052,671.92
249	6-Sep	14	0.25	0.00	0.00	11,875.84	2,968.96	4,208,999.17	1,052,249.79
249	6-Sep	14.25	0.25	0.00	0.00	14,915.15	3,728.79	4,205,959.86	1,051,489.96
249	6-Sep	14.5	0.25	0.00	0.00	18,404.73	4,601.18	4,202,470.28	1,050,617.57
249	6-Sep	14.75	0.25	0.00	0.00	22,232.02	5,558.00	4,198,642.99	1,049,660.75
249	6-Sep	15	0.25	0.00	0.00	26,790.99	6,697.75	4,194,084.02	1,048,521.01
249	6-Sep	15.25	0.25	0.00	0.00	35,064.67	8,766.17	4,185,810.33	1,046,452.58
249	6-Sep	15.5	0.25	0.00	0.00	51,218.06	12,804.52	4,169,656.94	1,042,414.24
249	6-Sep	15.75	0.25	0.00	0.00	70,748.47	17,687.12	4,150,126.54	1,037,531.64
249	6-Sep	16	0.25	0.00	0.00	95,738.38	23,934.60	4,125,136.63	1,031,284.16
249	6-Sep	16.25	0.25	0.00	0.00	123,486.19	30,871.55	4,097,388.82	1,024,347.20
249	6-Sep	16.5	0.25	0.00	0.00	151,796.83	37,949.21	4,069,078.18	1,017,269.54
249	6-Sep	16.75	0.25	0.00	0.00	185,848.40	46,462.10	4,035,026.61	1,008,756.65
249	6-Sep	17	0.25	0.00	0.00	235,377.96	58,844.49	3,985,497.05	996,374.26
249	6-Sep	17.25	0.25	0.00	0.00	307,195.82	76,798.95	3,913,679.19	978,419.80
249	6-Sep	17.5	0.25	0.00	0.00	404,285.00	101,071.25	3,816,590.01	954,147.50
249	6-Sep	17.75	0.25	0.00	0.00	533,793.54	133,448.38	3,687,081.47	921,770.37
249	6-Sep	18	0.25	0.00	0.00	673,376.83	168,344.21	3,547,498.18	886,874.54
249	6-Sep	18.25	0.27	0.00	0.00	845,154.34	228,191.67	3,375,720.67	911,444.58
249	6-Sep	18.53	0.14	0.00	0.00	1,043,328.84	146,066.04	3,177,546.16	444,856.46
256	13-Sep	7.84	0.08	0.00	0.00	0.00	0.00	4,220,875.01	337,670.00
256	13-Sep	8	0.21	0.00	0.00	0.00	0.00	4,220,875.01	886,383.75
256	13-Sep	8.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
256	13-Sep	8.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
256	13-Sep	8.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
256	13-Sep	9	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
256	13-Sep	9.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
256	13-Sep	9.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
256	13-Sep	9.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
256	13-Sep	10	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
256	13-Sep	10.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
256	13-Sep	10.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
256	13-Sep	10.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
256	13-Sep	11	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
256	13-Sep	11.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
256	13-Sep	11.5	0.25	0.00	0.00	337.70	84.43	4,220,537.31	1,055,134.33
256	13-Sep	11.75	0.25	0.00	0.00	1,463.37	365.84	4,219,411.64	1,054,852.91
256	13-Sep	12	0.25	0.00	0.00	2,983.03	745.76	4,217,891.98	1,054,472.99
256	13-Sep	12.25	0.25	0.00	0.00	5,009.24	1,252.31	4,215,865.77	1,053,966.44
256	13-Sep	12.5	0.25	0.00	0.00	6,247.48	1,561.87	4,214,627.53	1,053,656.88
256	13-Sep	12.75	0.25	0.00	0.00	7,823.42	1,955.85	4,213,051.59	1,053,262.90
256	13-Sep	13	0.25	0.00	0.00	9,399.36	2,349.84	4,211,475.65	1,052,868.91
256	13-Sep	13.25	0.25	0.00	0.00	10,074.76	2,518.69	4,210,800.25	1,052,700.06
256	13-Sep	13.5	0.25	0.00	0.00	11,650.70	2,912.68	4,209,224.31	1,052,306.08
256	13-Sep	13.75	0.25	0.00	0.00	12,663.81	3,165.95	4,208,211.20	1,052,052.80
256	13-Sep	14	0.25	0.00	0.00	14,239.75	3,559.94	4,206,635.26	1,051,658.82
256	13-Sep	14.25	0.25	0.00	0.00	16,941.36	4,235.34	4,203,933.65	1,050,983.41
256	13-Sep	14.5	0.25	0.00	0.00	21,218.91	5,304.73	4,199,656.10	1,049,914.02
256	13-Sep	14.75	0.25	0.00	0.00	25,665.32	6,416.33	4,195,209.69	1,048,802.42
256	13-Sep	15	0.25	0.00	0.00	31,687.66	7,921.91	4,189,187.35	1,047,296.84
256	13-Sep	15.25	0.25	0.00	0.00	39,961.35	9,990.34	4,180,913.66	1,045,228.42
256	13-Sep	15.5	0.25	0.00	0.00	57,409.26	14,352.31	4,163,465.75	1,040,866.44
256	13-Sep	15.75	0.25	0.00	0.00	78,121.62	19,530.40	4,142,753.39	1,035,688.35
256	13-Sep	16	0.25	0.00	0.00	104,631.19	26,157.80	4,116,243.82	1,029,060.96
256	13-Sep	16.25	0.25	0.00	0.00	135,362.03	33,840.51	4,085,512.98	1,021,378.25
256	13-Sep	16.5	0.25	0.00	0.00	169,244.74	42,311.19	4,051,630.26	1,012,907.57
256	13-Sep	16.75	0.25	0.00	0.00	212,414.26	53,103.56	4,008,460.75	1,002,115.19
256	13-Sep	17	0.25	0.00	0.00	272,131.14	68,032.79	3,948,743.87	987,185.97
256	13-Sep	17.25	0.25	0.00	0.00	366,856.42	91,714.10	3,854,018.59	963,504.65
256	13-Sep	17.5	0.25	0.00	0.00	489,160.65	122,290.16	3,731,714.36	932,928.59
256	13-Sep	17.75	0.25	0.00	0.00	650,919.68	162,729.92	3,569,955.33	892,488.83
256	13-Sep	18	0.25	0.00	0.00	804,967.86	201,241.96	3,415,907.15	853,976.79
256	13-Sep	18.25	0.18	0.00	0.00	989,521.74	178,113.91	3,231,353.27	581,643.59
256	13-Sep	18.35	0.05	0.00	0.00	1,066,855.38	53,342.77	3,154,019.62	157,700.98
263	20-Sep	7.95	0.02	0.00	0.00	0.00	0.00	4,220,875.01	84,417.50
263	20-Sep	8	0.15	0.00	0.00	0.00	0.00	4,220,875.01	633,131.25
263	20-Sep	8.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
263	20-Sep	8.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
263	20-Sep	8.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
263	20-Sep	9	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
263	20-Sep	9.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75

DayNum	Date	Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
263	20-Sep	9.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
263	20-Sep	9.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
263	20-Sep	10	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
263	20-Sep	10.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
263	20-Sep	10.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
263	20-Sep	10.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
263	20-Sep	11	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
263	20-Sep	11.25	0.25	0.00	0.00	225.13	56.28	4,220,649.87	1,055,162.47
263	20-Sep	11.5	0.25	0.00	0.00	1,801.07	450.27	4,219,073.93	1,054,768.48
263	20-Sep	11.75	0.25	0.00	0.00	3,489.58	872.40	4,217,385.43	1,054,346.36
263	20-Sep	12	0.25	0.00	0.00	4,896.67	1,224.17	4,215,978.34	1,053,994.58
263	20-Sep	12.25	0.25	0.00	0.00	7,204.30	1,801.07	4,213,670.71	1,053,417.68
263	20-Sep	12.5	0.25	0.00	0.00	8,780.24	2,195.06	4,212,094.77	1,053,023.69
263	20-Sep	12.75	0.25	0.00	0.00	10,412.46	2,603.12	4,210,462.54	1,052,615.64
263	20-Sep	13	0.25	0.00	0.00	11,819.55	2,954.89	4,209,055.46	1,052,263.86
263	20-Sep	13.25	0.25	0.00	0.00	13,001.51	3,250.38	4,207,873.50	1,051,968.37
263	20-Sep	13.5	0.25	0.00	0.00	14,070.90	3,517.72	4,206,804.11	1,051,701.03
263	20-Sep	13.75	0.25	0.00	0.00	15,590.55	3,897.64	4,205,284.45	1,051,321.11
263	20-Sep	14	0.25	0.00	0.00	17,222.78	4,305.69	4,203,652.23	1,050,913.06
263	20-Sep	14.25	0.25	0.00	0.00	19,474.12	4,868.53	4,201,400.89	1,050,350.22
263	20-Sep	14.5	0.25	0.00	0.00	23,864.24	5,966.06	4,197,010.77	1,049,252.69
263	20-Sep	14.75	0.25	0.00	0.00	28,592.06	7,148.02	4,192,282.95	1,048,070.74
263	20-Sep	15	0.25	0.00	0.00	36,359.20	9,089.80	4,184,515.81	1,046,128.95
263	20-Sep	15.25	0.25	0.00	0.00	46,039.97	11,509.99	4,174,835.03	1,043,708.76
263	20-Sep	15.5	0.25	0.00	0.00	64,669.84	16,167.46	4,156,205.17	1,039,051.29
263	20-Sep	15.75	0.25	0.00	0.00	88,083.81	22,020.95	4,132,791.20	1,033,197.80
263	20-Sep	16	0.25	0.00	0.00	116,281.89	29,070.47	4,104,593.12	1,026,148.28
263	20-Sep	16.25	0.25	0.00	0.00	153,991.89	38,497.97	4,066,883.12	1,016,720.78
263	20-Sep	16.5	0.25	0.00	0.00	193,559.25	48,389.81	4,027,315.75	1,006,828.94
263	20-Sep	16.75	0.25	0.00	0.00	243,088.81	60,772.20	3,977,786.20	994,446.55
263	20-Sep	17	0.25	0.00	0.00	324,080.89	81,020.22	3,896,794.12	974,198.53
263	20-Sep	17.25	0.25	0.00	0.00	446,947.96	111,736.99	3,773,927.05	943,481.76
263	20-Sep	17.5	0.25	0.00	0.00	598,069.39	149,517.35	3,622,805.62	905,701.40
263	20-Sep	17.75	0.25	0.00	0.00	768,496.09	192,124.02	3,452,378.92	863,094.73
263	20-Sep	18	0.21	0.00	0.00	942,693.79	197,965.70	3,278,181.22	688,418.06
263	20-Sep	18.16	0.08	0.00	0.00	1,062,802.97	85,024.24	3,158,072.04	252,645.76
270	27-Sep	8.05	0.1	0.00	0.00	0.00	0.00	4,220,875.01	422,087.50
270	27-Sep	8.25	0.22	0.00	0.00	0.00	0.00	4,220,875.01	928,592.50
270	27-Sep	8.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
270	27-Sep	8.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
270	27-Sep	9	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
270	27-Sep	9.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
270	27-Sep	9.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
270	27-Sep	9.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
270	27-Sep	10	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
270	27-Sep	10.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
270	27-Sep	10.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
270	27-Sep	10.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
270	27-Sep	11	0.25	0.00	0.00	506.55	126.64	4,220,368.46	1,055,092.11
270	27-Sep	11.25	0.25	0.00	0.00	2,420.19	605.05	4,218,454.81	1,054,613.70
270	27-Sep	11.5	0.25	0.00	0.00	4,333.84	1,083.46	4,216,541.17	1,054,135.29
270	27-Sep	11.75	0.25	0.00	0.00	6,191.19	1,547.80	4,214,683.81	1,053,670.95
270	27-Sep	12	0.25	0.00	0.00	8,104.84	2,026.21	4,212,770.17	1,053,192.54
270	27-Sep	12.25	0.25	0.00	0.00	10,243.61	2,560.90	4,210,631.40	1,052,657.85
270	27-Sep	12.5	0.25	0.00	0.00	11,706.99	2,926.75	4,209,168.02	1,052,292.01
270	27-Sep	12.75	0.25	0.00	0.00	13,676.91	3,419.23	4,207,198.10	1,051,799.52
270	27-Sep	13	0.25	0.00	0.00	14,858.87	3,714.72	4,206,016.14	1,051,504.04
270	27-Sep	13.25	0.25	0.00	0.00	16,434.81	4,108.70	4,204,440.20	1,051,110.05
270	27-Sep	13.5	0.25	0.00	0.00	17,335.34	4,333.84	4,203,539.66	1,050,884.92
270	27-Sep	13.75	0.25	0.00	0.00	18,292.17	4,573.04	4,202,582.84	1,050,645.71
270	27-Sep	14	0.25	0.00	0.00	20,374.66	5,093.66	4,200,500.35	1,050,125.09
270	27-Sep	14.25	0.25	0.00	0.00	22,569.72	5,642.43	4,198,305.29	1,049,576.32
270	27-Sep	14.5	0.25	0.00	0.00	26,565.85	6,641.46	4,194,309.16	1,048,577.29
270	27-Sep	14.75	0.25	0.00	0.00	32,700.76	8,175.19	4,188,174.24	1,047,043.56
270	27-Sep	15	0.25	0.00	0.00	41,874.99	10,468.75	4,179,000.02	1,044,750.00
270	27-Sep	15.25	0.25	0.00	0.00	52,400.02	13,100.00	4,168,474.99	1,042,118.75
270	27-Sep	15.5	0.25	0.00	0.00	73,506.36	18,376.59	4,147,368.64	1,036,842.16
270	27-Sep	15.75	0.25	0.00	0.00	99,621.95	24,905.49	4,121,253.06	1,030,313.27
270	27-Sep	16	0.25	0.00	0.00	133,110.68	33,277.67	4,087,764.33	1,021,941.08
270	27-Sep	16.25	0.25	0.00	0.00	174,929.39	43,732.35	4,045,945.62	1,011,486.41
270	27-Sep	16.5	0.25	0.00	0.00	222,320.17	55,580.04	3,998,554.84	999,638.71
270	27-Sep	16.75	0.25	0.00	0.00	289,522.77	72,380.69	3,931,352.24	982,838.06
270	27-Sep	17	0.25	0.00	0.00	403,722.17	100,930.54	3,817,152.84	954,288.21
270	27-Sep	17.25	0.25	0.00	0.00	549,384.09	137,346.02	3,671,490.92	917,872.73
270	27-Sep	17.5	0.25	0.00	0.00	724,988.88	181,247.22	3,495,886.13	873,971.53
270	27-Sep	17.75	0.23	0.00	0.00	885,003.12	203,550.72	3,335,871.89	767,250.54
270	27-Sep	17.97	0.11	0.00	0.00	1,036,462.25	114,010.85	3,184,412.76	350,285.40
277	4-Oct	8.16	0.04	0.00	0.00	0.00	0.00	4,220,875.01	168,835.00
277	4-Oct	8.25	0.17	0.00	0.00	0.00	0.00	4,220,875.01	717,548.75
277	4-Oct	8.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
277	4-Oct	8.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
277	4-Oct	9	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75

DayNum	Date	Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
277	4-Oct	9.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
277	4-Oct	9.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
277	4-Oct	9.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
277	4-Oct	10	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
277	4-Oct	10.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
277	4-Oct	10.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
277	4-Oct	10.75	0.25	0.00	0.00	393.99	98.50	4,220,481.02	1,055,120.26
277	4-Oct	11	0.25	0.00	0.00	2,589.04	647.26	4,218,285.96	1,054,571.49
277	4-Oct	11.25	0.25	0.00	0.00	4,952.96	1,238.24	4,215,922.05	1,053,980.51
277	4-Oct	11.5	0.25	0.00	0.00	6,922.88	1,730.72	4,213,952.13	1,053,488.03
277	4-Oct	11.75	0.25	0.00	0.00	9,286.79	2,321.70	4,211,588.22	1,052,897.05
277	4-Oct	12	0.25	0.00	0.00	11,200.43	2,800.11	4,209,674.57	1,052,418.64
277	4-Oct	12.25	0.25	0.00	0.00	13,564.34	3,391.09	4,207,310.66	1,051,827.67
277	4-Oct	12.5	0.25	0.00	0.00	15,027.72	3,756.93	4,205,847.29	1,051,461.82
277	4-Oct	12.75	0.25	0.00	0.00	16,941.36	4,235.34	4,203,933.65	1,050,983.41
277	4-Oct	13	0.25	0.00	0.00	18,179.60	4,544.90	4,202,695.41	1,050,673.85
277	4-Oct	13.25	0.25	0.00	0.00	19,699.26	4,924.81	4,201,175.75	1,050,293.94
277	4-Oct	13.5	0.25	0.00	0.00	20,374.66	5,093.66	4,200,500.35	1,050,125.09
277	4-Oct	13.75	0.25	0.00	0.00	22,063.17	5,515.79	4,198,811.84	1,049,702.96
277	4-Oct	14	0.25	0.00	0.00	23,076.27	5,769.07	4,197,798.74	1,049,449.68
277	4-Oct	14.25	0.25	0.00	0.00	25,721.60	6,430.40	4,195,153.41	1,048,788.35
277	4-Oct	14.5	0.25	0.00	0.00	30,618.27	7,654.57	4,190,256.74	1,047,564.18
277	4-Oct	14.75	0.25	0.00	0.00	37,991.42	9,497.86	4,182,883.59	1,045,720.90
277	4-Oct	15	0.25	0.00	0.00	47,109.36	11,777.34	4,173,765.65	1,043,441.41
277	4-Oct	15.25	0.25	0.00	0.00	61,968.23	15,492.06	4,158,906.78	1,039,726.69
277	4-Oct	15.5	0.25	0.00	0.00	83,524.84	20,881.21	4,137,350.17	1,034,337.54
277	4-Oct	15.75	0.25	0.00	0.00	112,961.16	28,240.29	4,107,913.85	1,026,978.46
277	4-Oct	16	0.25	0.00	0.00	153,260.21	38,315.05	4,067,614.80	1,016,903.70
277	4-Oct	16.25	0.25	0.00	0.00	202,508.34	50,627.09	4,018,366.66	1,004,591.67
277	4-Oct	16.5	0.25	0.00	0.00	263,576.04	65,894.01	3,957,298.97	989,324.74
277	4-Oct	16.75	0.25	0.00	0.00	355,768.55	88,942.14	3,865,106.46	966,276.61
277	4-Oct	17	0.25	0.00	0.00	502,443.58	125,610.89	3,718,431.43	929,607.86
277	4-Oct	17.25	0.25	0.00	0.00	667,579.62	166,894.91	3,553,295.39	888,323.85
277	4-Oct	17.5	0.27	0.00	0.00	865,641.56	233,723.22	3,355,233.45	905,913.03
277	4-Oct	17.79	0.14	0.00	0.00	1,023,348.17	143,268.74	3,197,526.84	447,653.76
284	11-Oct	8.27	0.12	0.00	0.00	0.00	0.00	4,220,875.01	506,505.00
284	11-Oct	8.5	0.24	0.00	0.00	0.00	0.00	4,220,875.01	1,013,010.00
284	11-Oct	8.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
284	11-Oct	9	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
284	11-Oct	9.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
284	11-Oct	9.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
284	11-Oct	9.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
284	11-Oct	10	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
284	11-Oct	10.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
284	11-Oct	10.5	0.25	0.00	0.00	168.85	42.21	4,220,706.16	1,055,176.54
284	11-Oct	10.75	0.25	0.00	0.00	2,870.46	717.62	4,218,004.55	1,054,501.14
284	11-Oct	11	0.25	0.00	0.00	5,572.08	1,393.02	4,215,302.93	1,053,825.73
284	11-Oct	11.25	0.25	0.00	0.00	8,217.40	2,054.35	4,212,657.60	1,053,164.40
284	11-Oct	11.5	0.25	0.00	0.00	10,750.17	2,687.54	4,210,124.84	1,052,531.21
284	11-Oct	11.75	0.25	0.00	0.00	13,564.34	3,391.09	4,207,310.66	1,051,827.67
284	11-Oct	12	0.25	0.00	0.00	14,971.43	3,742.86	4,205,903.57	1,051,475.89
284	11-Oct	12.25	0.25	0.00	0.00	17,447.91	4,361.98	4,203,427.10	1,050,856.77
284	11-Oct	12.5	0.25	0.00	0.00	19,023.85	4,755.96	4,201,851.16	1,050,462.79
284	11-Oct	12.75	0.25	0.00	0.00	21,050.06	5,262.52	4,199,824.95	1,049,956.24
284	11-Oct	13	0.25	0.00	0.00	21,612.90	5,403.22	4,199,262.11	1,049,815.53
284	11-Oct	13.25	0.25	0.00	0.00	23,639.11	5,909.78	4,197,235.90	1,049,308.98
284	11-Oct	13.5	0.25	0.00	0.00	24,427.08	6,106.77	4,196,447.93	1,049,111.98
284	11-Oct	13.75	0.25	0.00	0.00	25,327.61	6,331.90	4,195,547.39	1,048,886.85
284	11-Oct	14	0.25	0.00	0.00	26,565.85	6,641.46	4,194,309.16	1,048,577.29
284	11-Oct	14.25	0.25	0.00	0.00	29,661.45	7,415.36	4,191,213.56	1,047,803.39
284	11-Oct	14.5	0.25	0.00	0.00	34,445.55	8,611.39	4,186,429.45	1,046,607.36
284	11-Oct	14.75	0.25	0.00	0.00	43,000.66	10,750.17	4,177,874.35	1,044,468.59
284	11-Oct	15	0.25	0.00	0.00	55,439.33	13,859.83	4,165,435.68	1,041,358.92
284	11-Oct	15.25	0.25	0.00	0.00	72,380.69	18,095.17	4,148,494.32	1,037,123.58
284	11-Oct	15.5	0.25	0.00	0.00	95,963.52	23,990.88	4,124,911.49	1,031,227.87
284	11-Oct	15.75	0.25	0.00	0.00	131,703.59	32,925.90	4,089,171.42	1,022,292.85
284	11-Oct	16	0.25	0.00	0.00	175,379.66	43,844.91	4,045,495.35	1,011,373.84
284	11-Oct	16.25	0.25	0.00	0.00	237,235.32	59,308.83	3,983,639.69	995,909.92
284	11-Oct	16.5	0.25	0.00	0.00	318,677.67	79,669.42	3,902,197.34	975,549.34
284	11-Oct	16.75	0.25	0.00	0.00	445,372.02	111,343.01	3,775,502.99	943,875.75
284	11-Oct	17	0.25	0.00	0.00	611,802.59	152,950.65	3,609,072.42	902,268.11
284	11-Oct	17.25	0.25	0.00	0.00	816,843.69	204,210.92	3,404,031.32	851,007.83
284	11-Oct	17.5	0.19	0.00	0.00	987,551.81	187,634.84	3,233,323.20	614,331.41
284	11-Oct	17.62	0.06	0.00	0.00	1,058,131.43	63,487.89	3,162,743.58	189,764.61
291	18-Oct	8.38	0.06	0.00	0.00	0.00	0.00	4,220,875.01	253,252.50
291	18-Oct	8.5	0.18	0.00	0.00	0.00	0.00	4,220,875.01	759,757.50
291	18-Oct	8.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
291	18-Oct	9	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
291	18-Oct	9.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
291	18-Oct	9.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
291	18-Oct	9.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
291	18-Oct	10	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75

DayNum	Date	Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
291	18-Oct	10.25	0.25	0.00	0.00	281.42	70.35	4,220,593.59	1,055,148.40
291	18-Oct	10.5	0.25	0.00	0.00	1,350.81	337.70	4,219,524.20	1,054,881.05
291	18-Oct	10.75	0.25	0.00	0.00	4,896.67	1,224.17	4,215,978.34	1,053,994.58
291	18-Oct	11	0.25	0.00	0.00	7,654.57	1,913.64	4,213,220.44	1,053,305.11
291	18-Oct	11.25	0.25	0.00	0.00	12,494.96	3,123.74	4,208,380.05	1,052,095.01
291	18-Oct	11.5	0.25	0.00	0.00	15,421.70	3,855.43	4,205,453.31	1,051,363.33
291	18-Oct	11.75	0.25	0.00	0.00	17,504.20	4,376.05	4,203,370.81	1,050,842.70
291	18-Oct	12	0.25	0.00	0.00	19,755.54	4,938.88	4,201,119.47	1,050,279.87
291	18-Oct	12.25	0.25	0.00	0.00	22,119.45	5,529.86	4,198,755.56	1,049,688.89
291	18-Oct	12.5	0.25	0.00	0.00	23,301.40	5,825.35	4,197,573.60	1,049,393.40
291	18-Oct	12.75	0.25	0.00	0.00	25,440.18	6,360.05	4,195,434.83	1,048,858.71
291	18-Oct	13	0.25	0.00	0.00	25,046.20	6,261.55	4,195,828.81	1,048,957.20
291	18-Oct	13.25	0.25	0.00	0.00	27,072.41	6,768.10	4,193,802.60	1,048,450.65
291	18-Oct	13.5	0.25	0.00	0.00	27,522.67	6,880.67	4,193,352.33	1,048,338.08
291	18-Oct	13.75	0.25	0.00	0.00	28,986.05	7,246.51	4,191,888.96	1,047,972.24
291	18-Oct	14	0.25	0.00	0.00	30,561.99	7,640.50	4,190,313.02	1,047,578.26
291	18-Oct	14.25	0.25	0.00	0.00	33,601.30	8,400.33	4,187,273.71	1,046,818.43
291	18-Oct	14.5	0.25	0.00	0.00	39,736.21	9,934.05	4,181,138.80	1,045,284.70
291	18-Oct	14.75	0.25	0.00	0.00	49,642.12	12,410.53	4,171,232.89	1,042,808.22
291	18-Oct	15	0.25	0.00	0.00	63,825.59	15,956.40	4,157,049.42	1,039,262.36
291	18-Oct	15.25	0.25	0.00	0.00	83,581.13	20,895.28	4,137,293.88	1,034,323.47
291	18-Oct	15.5	0.25	0.00	0.00	108,233.34	27,058.33	4,112,641.67	1,028,160.42
291	18-Oct	15.75	0.25	0.00	0.00	151,402.85	37,850.71	4,069,472.16	1,017,368.04
291	18-Oct	16	0.25	0.00	0.00	205,885.36	51,471.34	4,014,989.65	1,003,747.41
291	18-Oct	16.25	0.25	0.00	0.00	278,772.60	69,693.15	3,942,102.40	985,525.60
291	18-Oct	16.5	0.25	0.00	0.00	382,109.27	95,527.32	3,838,765.74	959,691.43
291	18-Oct	16.75	0.25	0.00	0.00	549,102.67	137,275.67	3,671,772.34	917,943.08
291	18-Oct	17	0.25	0.00	0.00	737,877.82	184,469.46	3,482,997.19	870,749.30
291	18-Oct	17.25	0.22	0.00	0.00	932,450.18	205,139.04	3,288,424.83	723,453.46
291	18-Oct	17.45	0.1	0.00	0.00	1,077,267.85	107,726.78	3,143,607.16	314,360.72
298	25-Oct	7.5	0.13	0.00	0.00	0.00	0.00	4,220,875.01	548,713.75
298	25-Oct	7.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
298	25-Oct	8	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
298	25-Oct	8.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
298	25-Oct	8.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
298	25-Oct	8.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
298	25-Oct	9	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
298	25-Oct	9.25	0.25	0.00	0.00	731.69	182.92	4,220,143.32	1,055,035.83
298	25-Oct	9.5	0.25	0.00	0.00	3,208.16	802.04	4,217,666.84	1,054,416.71
298	25-Oct	9.75	0.25	0.00	0.00	6,585.18	1,646.29	4,214,289.83	1,053,572.46
298	25-Oct	10	0.25	0.00	0.00	10,131.05	2,532.76	4,210,743.96	1,052,685.99
298	25-Oct	10.25	0.25	0.00	0.00	15,196.57	3,799.14	4,205,678.44	1,051,419.61
298	25-Oct	10.5	0.25	0.00	0.00	18,798.72	4,699.68	4,202,076.29	1,050,519.07
298	25-Oct	10.75	0.25	0.00	0.00	22,626.00	5,656.50	4,198,249.01	1,049,562.25
298	25-Oct	11	0.25	0.00	0.00	24,595.93	6,148.98	4,196,279.08	1,049,069.77
298	25-Oct	11.25	0.25	0.00	0.00	26,847.27	6,711.82	4,194,027.74	1,048,506.93
298	25-Oct	11.5	0.25	0.00	0.00	27,410.11	6,852.53	4,193,464.90	1,048,366.23
298	25-Oct	11.75	0.25	0.00	0.00	28,986.05	7,246.51	4,191,888.96	1,047,972.24
298	25-Oct	12	0.25	0.00	0.00	29,774.02	7,443.50	4,191,100.99	1,047,775.25
298	25-Oct	12.25	0.25	0.00	0.00	30,618.27	7,654.57	4,190,256.74	1,047,564.18
298	25-Oct	12.5	0.25	0.00	0.00	31,518.81	7,879.70	4,189,356.20	1,047,339.05
298	25-Oct	12.75	0.25	0.00	0.00	33,151.03	8,287.76	4,187,723.98	1,046,930.99
298	25-Oct	13	0.25	0.00	0.00	34,445.55	8,611.39	4,186,429.45	1,046,607.36
298	25-Oct	13.25	0.25	0.00	0.00	39,398.51	9,849.63	4,181,476.50	1,045,369.12
298	25-Oct	13.5	0.25	0.00	0.00	46,096.26	11,524.06	4,174,778.75	1,043,694.69
298	25-Oct	13.75	0.25	0.00	0.00	58,366.08	14,591.52	4,162,508.93	1,040,627.23
298	25-Oct	14	0.25	0.00	0.00	74,012.92	18,503.23	4,146,862.09	1,036,715.52
298	25-Oct	14.25	0.25	0.00	0.00	93,993.59	23,498.40	4,126,881.42	1,031,720.35
298	25-Oct	14.5	0.25	0.00	0.00	125,624.97	31,406.24	4,095,250.04	1,023,812.51
298	25-Oct	14.75	0.25	0.00	0.00	171,721.22	42,930.31	4,049,153.79	1,012,288.45
298	25-Oct	15	0.25	0.00	0.00	237,010.18	59,252.55	3,983,864.83	995,966.21
298	25-Oct	15.25	0.25	0.00	0.00	325,375.41	81,343.85	3,895,499.59	973,874.90
298	25-Oct	15.5	0.25	0.00	0.00	463,607.90	115,901.98	3,757,267.11	939,316.78
298	25-Oct	15.75	0.25	0.00	0.00	674,896.49	168,724.12	3,545,978.52	886,494.63
298	25-Oct	16	0.25	0.00	0.00	874,590.65	218,647.66	3,346,284.36	836,571.09
298	25-Oct	16.25	0.15	0.00	0.00	1,053,291.04	157,993.66	3,167,583.97	475,137.60
298	25-Oct	16.3	0.03	0.00	0.00	1,096,685.68	32,900.57	3,124,189.32	93,725.68
305	1-Nov	7.61	0.07	0.00	0.00	0.00	0.00	4,220,875.01	295,461.25
305	1-Nov	7.75	0.19	0.00	0.00	0.00	0.00	4,220,875.01	801,966.25
305	1-Nov	8	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
305	1-Nov	8.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
305	1-Nov	8.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
305	1-Nov	8.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
305	1-Nov	9	0.25	0.00	0.00	56.28	14.07	4,220,818.72	1,055,204.68
305	1-Nov	9.25	0.25	0.00	0.00	1,913.64	478.41	4,218,961.37	1,054,740.34
305	1-Nov	9.5	0.25	0.00	0.00	4,952.96	1,238.24	4,215,922.05	1,053,980.51
305	1-Nov	9.75	0.25	0.00	0.00	9,005.37	2,251.34	4,211,869.63	1,052,967.41
305	1-Nov	10	0.25	0.00	0.00	12,776.37	3,194.09	4,208,098.63	1,052,024.66
305	1-Nov	10.25	0.25	0.00	0.00	16,941.36	4,235.34	4,203,933.65	1,050,983.41
305	1-Nov	10.5	0.25	0.00	0.00	22,626.00	5,656.50	4,198,249.01	1,049,562.25
305	1-Nov	10.75	0.25	0.00	0.00	27,635.24	6,908.81	4,193,239.77	1,048,309.94
305	1-Nov	11	0.25	0.00	0.00	29,323.75	7,330.94	4,191,551.26	1,047,887.81

DayNum	Date	Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
305	1-Nov	11.25	0.25	0.00	0.00	31,012.26	7,753.06	4,189,862.75	1,047,465.69
305	1-Nov	11.5	0.25	0.00	0.00	31,518.81	7,879.70	4,189,356.20	1,047,339.05
305	1-Nov	11.75	0.25	0.00	0.00	32,982.18	8,245.55	4,187,892.83	1,046,973.21
305	1-Nov	12	0.25	0.00	0.00	33,939.00	8,484.75	4,186,936.01	1,046,734.00
305	1-Nov	12.25	0.25	0.00	0.00	35,064.67	8,766.17	4,185,810.33	1,046,452.58
305	1-Nov	12.5	0.25	0.00	0.00	35,571.23	8,892.81	4,185,303.78	1,046,325.95
305	1-Nov	12.75	0.25	0.00	0.00	36,471.76	9,117.94	4,184,403.24	1,046,100.81
305	1-Nov	13	0.25	0.00	0.00	38,891.96	9,722.99	4,181,983.05	1,045,495.76
305	1-Nov	13.25	0.25	0.00	0.00	45,420.85	11,355.21	4,175,454.15	1,043,863.54
305	1-Nov	13.5	0.25	0.00	0.00	54,257.38	13,564.34	4,166,617.63	1,041,654.41
305	1-Nov	13.75	0.25	0.00	0.00	65,851.80	16,462.95	4,155,023.21	1,038,755.80
305	1-Nov	14	0.25	0.00	0.00	85,438.48	21,359.62	4,135,436.52	1,033,859.13
305	1-Nov	14.25	0.25	0.00	0.00	107,895.64	26,973.91	4,112,979.37	1,028,244.84
305	1-Nov	14.5	0.25	0.00	0.00	138,795.32	34,698.83	4,082,079.68	1,020,519.92
305	1-Nov	14.75	0.25	0.00	0.00	195,022.63	48,755.66	4,025,852.38	1,006,463.10
305	1-Nov	15	0.25	0.00	0.00	267,515.89	66,878.97	3,953,359.12	988,339.78
305	1-Nov	15.25	0.25	0.00	0.00	371,921.94	92,980.49	3,848,953.07	962,238.27
305	1-Nov	15.5	0.25	0.00	0.00	545,106.54	136,276.63	3,675,768.47	918,942.12
305	1-Nov	15.75	0.25	0.00	0.00	779,021.12	194,755.28	3,441,853.89	860,463.47
305	1-Nov	16	0.21	0.00	0.00	1,022,954.19	214,820.38	3,197,920.82	671,563.37
305	1-Nov	16.17	0.09	0.00	0.00	1,133,551.43	102,019.63	3,087,323.57	277,859.12
312	8-Nov	7.73	0.01	0.00	0.00	0.00	0.00	4,220,875.01	42,208.75
312	8-Nov	7.75	0.13	0.00	0.00	0.00	0.00	4,220,875.01	548,713.75
312	8-Nov	8	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
312	8-Nov	8.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
312	8-Nov	8.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
312	8-Nov	8.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
312	8-Nov	9	0.25	0.00	0.00	281.42	70.35	4,220,593.59	1,055,148.40
312	8-Nov	9.25	0.25	0.00	0.00	2,532.76	633.19	4,218,342.25	1,054,585.56
312	8-Nov	9.5	0.25	0.00	0.00	5,346.94	1,336.74	4,215,528.07	1,053,882.02
312	8-Nov	9.75	0.25	0.00	0.00	9,399.36	2,349.84	4,211,475.65	1,052,868.91
312	8-Nov	10	0.25	0.00	0.00	14,127.18	3,531.80	4,206,747.83	1,051,686.96
312	8-Nov	10.25	0.25	0.00	0.00	18,292.17	4,573.04	4,202,582.84	1,050,645.71
312	8-Nov	10.5	0.25	0.00	0.00	24,145.66	6,036.41	4,196,729.35	1,049,182.34
312	8-Nov	10.75	0.25	0.00	0.00	29,661.45	7,415.36	4,191,213.56	1,047,803.39
312	8-Nov	11	0.25	0.00	0.00	33,038.47	8,259.62	4,187,836.54	1,046,959.14
312	8-Nov	11.25	0.25	0.00	0.00	35,008.39	8,752.10	4,185,866.62	1,046,466.65
312	8-Nov	11.5	0.25	0.00	0.00	35,514.94	8,878.74	4,185,360.07	1,046,340.02
312	8-Nov	11.75	0.25	0.00	0.00	36,809.47	9,202.37	4,184,065.54	1,046,016.39
312	8-Nov	12	0.25	0.00	0.00	37,597.44	9,399.36	4,183,277.57	1,045,819.39
312	8-Nov	12.25	0.25	0.00	0.00	38,835.67	9,708.92	4,182,039.33	1,045,509.83
312	8-Nov	12.5	0.25	0.00	0.00	39,792.50	9,948.12	4,181,082.51	1,045,270.63
312	8-Nov	12.75	0.25	0.00	0.00	42,775.53	10,693.88	4,178,099.48	1,044,524.87
312	8-Nov	13	0.25	0.00	0.00	46,433.96	11,608.49	4,174,441.05	1,043,610.26
312	8-Nov	13.25	0.25	0.00	0.00	53,975.96	13,493.99	4,166,899.05	1,041,724.76
312	8-Nov	13.5	0.25	0.00	0.00	61,461.68	15,365.42	4,159,413.33	1,039,853.33
312	8-Nov	13.75	0.25	0.00	0.00	75,701.42	18,925.36	4,145,173.58	1,036,293.40
312	8-Nov	14	0.25	0.00	0.00	92,699.07	23,174.77	4,128,175.94	1,032,043.99
312	8-Nov	14.25	0.25	0.00	0.00	122,135.38	30,533.85	4,098,739.63	1,024,684.91
312	8-Nov	14.5	0.25	0.00	0.00	156,412.09	39,103.02	4,064,462.92	1,016,115.73
312	8-Nov	14.75	0.25	0.00	0.00	217,930.05	54,482.51	4,002,944.96	1,000,736.24
312	8-Nov	15	0.25	0.00	0.00	289,973.04	72,493.26	3,930,901.97	982,725.49
312	8-Nov	15.25	0.25	0.00	0.00	417,849.35	104,462.34	3,803,025.66	950,756.42
312	8-Nov	15.5	0.25	0.00	0.00	613,997.65	153,499.41	3,606,877.36	901,719.34
312	8-Nov	15.75	0.25	0.00	0.00	883,145.76	220,786.44	3,337,729.25	834,432.31
312	8-Nov	16	0.15	0.00	0.00	1,154,151.23	173,122.68	3,066,723.78	460,008.57
312	8-Nov	16.05	0.03	0.00	0.00	1,188,033.95	35,641.02	3,032,841.06	90,985.23
319	15-Nov	7.85	0.08	0.00	0.00	0.00	0.00	4,220,875.01	337,670.00
319	15-Nov	8	0.2	0.00	0.00	0.00	0.00	4,220,875.01	844,175.00
319	15-Nov	8.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
319	15-Nov	8.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
319	15-Nov	8.75	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
319	15-Nov	9	0.25	0.00	0.00	1,294.52	323.63	4,219,580.49	1,054,895.12
319	15-Nov	9.25	0.25	0.00	0.00	3,208.16	802.04	4,217,666.84	1,054,416.71
319	15-Nov	9.5	0.25	0.00	0.00	6,303.76	1,575.94	4,214,571.25	1,053,642.81
319	15-Nov	9.75	0.25	0.00	0.00	11,031.58	2,757.90	4,209,843.43	1,052,460.86
319	15-Nov	10	0.25	0.00	0.00	14,746.30	3,686.57	4,206,128.71	1,051,532.18
319	15-Nov	10.25	0.25	0.00	0.00	19,642.97	4,910.74	4,201,232.04	1,050,308.01
319	15-Nov	10.5	0.25	0.00	0.00	25,327.61	6,331.90	4,195,547.39	1,048,886.85
319	15-Nov	10.75	0.25	0.00	0.00	31,124.82	7,781.21	4,189,750.19	1,047,437.55
319	15-Nov	11	0.25	0.00	0.00	36,246.63	9,061.66	4,184,628.38	1,046,157.09
319	15-Nov	11.25	0.25	0.00	0.00	38,948.24	9,737.06	4,181,926.77	1,045,481.69
319	15-Nov	11.5	0.25	0.00	0.00	39,623.64	9,905.91	4,181,251.36	1,045,312.84
319	15-Nov	11.75	0.25	0.00	0.00	41,255.87	10,313.97	4,179,619.14	1,044,904.78
319	15-Nov	12	0.25	0.00	0.00	41,312.15	10,328.04	4,179,562.86	1,044,890.71
319	15-Nov	12.25	0.25	0.00	0.00	42,437.82	10,609.46	4,178,437.18	1,044,609.30
319	15-Nov	12.5	0.25	0.00	0.00	44,689.17	11,172.29	4,176,185.84	1,044,046.46
319	15-Nov	12.75	0.25	0.00	0.00	48,910.44	12,227.61	4,171,964.57	1,042,991.14
319	15-Nov	13	0.25	0.00	0.00	54,426.23	13,606.56	4,166,448.78	1,041,612.20
319	15-Nov	13.25	0.25	0.00	0.00	62,531.06	15,632.77	4,158,343.94	1,039,585.99
319	15-Nov	13.5	0.25	0.00	0.00	71,423.87	17,855.97	4,149,451.14	1,037,362.78
319	15-Nov	13.75	0.25	0.00	0.00	85,382.20	21,345.55	4,135,492.81	1,033,873.20

DayNum	Date	Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
319	15-Nov	14	0.25	0.00	0.00	105,137.74	26,284.43	4,115,737.27	1,028,934.32
319	15-Nov	14.25	0.25	0.00	0.00	136,543.98	34,136.00	4,084,331.03	1,021,082.76
319	15-Nov	14.5	0.25	0.00	0.00	172,396.63	43,099.16	4,048,478.38	1,012,119.60
319	15-Nov	14.75	0.25	0.00	0.00	227,554.54	56,888.64	3,993,320.47	998,330.12
319	15-Nov	15	0.25	0.00	0.00	316,313.76	79,078.44	3,904,561.25	976,140.31
319	15-Nov	15.25	0.25	0.00	0.00	454,377.39	113,594.35	3,766,497.61	941,624.40
319	15-Nov	15.5	0.25	0.00	0.00	661,332.14	165,333.04	3,559,542.87	889,885.72
319	15-Nov	15.75	0.23	0.00	0.00	974,719.15	224,185.41	3,246,155.86	746,615.85
319	15-Nov	15.96	0.11	0.00	0.00	1,201,148.02	132,126.28	3,019,726.99	332,169.97
326	22-Nov	7.96	0.02	0.00	0.00	0.00	0.00	4,220,875.01	84,417.50
326	22-Nov	8	0.15	0.00	0.00	0.00	0.00	4,220,875.01	633,131.25
326	22-Nov	8.25	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
326	22-Nov	8.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
326	22-Nov	8.75	0.25	0.00	0.00	56.28	14.07	4,220,818.72	1,055,204.68
326	22-Nov	9	0.25	0.00	0.00	1,632.22	408.06	4,219,242.78	1,054,810.70
326	22-Nov	9.25	0.25	0.00	0.00	4,052.42	1,013.10	4,216,822.59	1,054,205.65
326	22-Nov	9.5	0.25	0.00	0.00	7,204.30	1,801.07	4,213,670.71	1,053,417.68
326	22-Nov	9.75	0.25	0.00	0.00	11,031.58	2,757.90	4,209,843.43	1,052,460.86
326	22-Nov	10	0.25	0.00	0.00	15,815.69	3,953.92	4,205,059.32	1,051,264.83
326	22-Nov	10.25	0.25	0.00	0.00	20,768.64	5,192.16	4,200,106.36	1,050,026.59
326	22-Nov	10.5	0.25	0.00	0.00	26,115.58	6,528.90	4,194,759.42	1,048,689.86
326	22-Nov	10.75	0.25	0.00	0.00	32,419.35	8,104.84	4,188,455.66	1,047,113.92
326	22-Nov	11	0.25	0.00	0.00	37,090.88	9,272.72	4,183,784.12	1,045,946.03
326	22-Nov	11.25	0.25	0.00	0.00	40,861.88	10,215.47	4,180,013.12	1,045,003.28
326	22-Nov	11.5	0.25	0.00	0.00	42,831.81	10,707.95	4,178,043.20	1,044,510.80
326	22-Nov	11.75	0.25	0.00	0.00	43,901.20	10,975.30	4,176,973.81	1,044,243.45
326	22-Nov	12	0.25	0.00	0.00	43,619.78	10,904.94	4,177,255.23	1,044,313.81
326	22-Nov	12.25	0.25	0.00	0.00	46,377.68	11,594.42	4,174,497.33	1,043,624.33
326	22-Nov	12.5	0.25	0.00	0.00	50,767.80	12,691.95	4,170,107.21	1,042,526.80
326	22-Nov	12.75	0.25	0.00	0.00	56,339.87	14,084.97	4,164,535.14	1,041,133.78
326	22-Nov	13	0.25	0.00	0.00	61,292.83	15,323.21	4,159,582.18	1,039,895.55
326	22-Nov	13.25	0.25	0.00	0.00	70,467.05	17,616.76	4,150,407.96	1,037,601.99
326	22-Nov	13.5	0.25	0.00	0.00	78,740.74	19,685.18	4,142,134.27	1,035,533.57
326	22-Nov	13.75	0.25	0.00	0.00	94,725.28	23,681.32	4,126,149.73	1,031,537.43
326	22-Nov	14	0.25	0.00	0.00	115,043.65	28,760.91	4,105,831.36	1,026,457.84
326	22-Nov	14.25	0.25	0.00	0.00	146,731.31	36,682.83	4,074,143.70	1,018,535.92
326	22-Nov	14.5	0.25	0.00	0.00	184,553.88	46,138.47	4,036,321.13	1,009,080.28
326	22-Nov	14.75	0.25	0.00	0.00	235,940.79	58,985.20	3,984,934.21	996,233.55
326	22-Nov	15	0.25	0.00	0.00	340,459.42	85,114.85	3,880,415.59	970,103.90
326	22-Nov	15.25	0.25	0.00	0.00	478,973.32	119,743.33	3,741,901.69	935,475.42
326	22-Nov	15.5	0.25	0.00	0.00	684,746.11	171,186.53	3,536,128.89	884,032.22
326	22-Nov	15.75	0.2	0.00	0.00	1,031,453.01	206,290.60	3,189,422.00	637,884.40
326	22-Nov	15.9	0.08	0.00	0.00	1,181,786.47	94,542.92	3,039,088.54	243,127.08
333	29-Nov	8.07	0.09	0.00	0.00	0.00	0.00	4,220,875.01	379,878.75
333	29-Nov	8.25	0.21	0.00	0.00	0.00	0.00	4,220,875.01	886,383.75
333	29-Nov	8.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
333	29-Nov	8.75	0.25	0.00	0.00	281.42	70.35	4,220,593.59	1,055,148.40
333	29-Nov	9	0.25	0.00	0.00	1,688.51	422.13	4,219,186.50	1,054,796.63
333	29-Nov	9.25	0.25	0.00	0.00	4,221.27	1,055.32	4,216,653.74	1,054,163.43
333	29-Nov	9.5	0.25	0.00	0.00	7,429.43	1,857.36	4,213,445.57	1,053,361.39
333	29-Nov	9.75	0.25	0.00	0.00	11,031.58	2,757.90	4,209,843.43	1,052,460.86
333	29-Nov	10	0.25	0.00	0.00	15,534.27	3,883.57	4,205,340.74	1,051,335.18
333	29-Nov	10.25	0.25	0.00	0.00	21,050.06	5,262.52	4,199,824.95	1,049,956.24
333	29-Nov	10.5	0.25	0.00	0.00	26,284.43	6,571.11	4,194,590.57	1,048,647.64
333	29-Nov	10.75	0.25	0.00	0.00	32,700.76	8,175.19	4,188,174.24	1,047,043.56
333	29-Nov	11	0.25	0.00	0.00	37,090.88	9,272.72	4,183,784.12	1,045,946.03
333	29-Nov	11.25	0.25	0.00	0.00	42,775.53	10,693.88	4,178,099.48	1,044,524.87
333	29-Nov	11.5	0.25	0.00	0.00	45,871.12	11,467.78	4,175,003.89	1,043,750.97
333	29-Nov	11.75	0.25	0.00	0.00	47,390.78	11,847.69	4,173,484.23	1,043,371.06
333	29-Nov	12	0.25	0.00	0.00	47,390.78	11,847.69	4,173,484.23	1,043,371.06
333	29-Nov	12.25	0.25	0.00	0.00	51,443.20	12,860.80	4,169,431.81	1,042,357.95
333	29-Nov	12.5	0.25	0.00	0.00	55,439.33	13,859.83	4,165,435.68	1,041,358.92
333	29-Nov	12.75	0.25	0.00	0.00	62,137.08	15,534.27	4,158,737.93	1,039,684.48
333	29-Nov	13	0.25	0.00	0.00	67,878.01	16,969.50	4,152,997.00	1,038,249.25
333	29-Nov	13.25	0.25	0.00	0.00	76,545.68	19,136.42	4,144,329.33	1,036,082.33
333	29-Nov	13.5	0.25	0.00	0.00	84,988.22	21,247.05	4,135,886.79	1,033,971.70
333	29-Nov	13.75	0.25	0.00	0.00	102,492.41	25,623.10	4,118,382.60	1,029,595.65
333	29-Nov	14	0.25	0.00	0.00	122,754.50	30,688.63	4,098,120.51	1,024,530.13
333	29-Nov	14.25	0.25	0.00	0.00	153,654.19	38,413.55	4,067,220.82	1,016,805.20
333	29-Nov	14.5	0.25	0.00	0.00	193,277.84	48,319.46	4,027,597.17	1,006,899.29
333	29-Nov	14.75	0.25	0.00	0.00	238,642.41	59,660.60	3,982,232.60	995,558.15
333	29-Nov	15	0.25	0.00	0.00	350,421.61	87,605.40	3,870,453.40	967,613.35
333	29-Nov	15.25	0.25	0.00	0.00	494,001.04	123,500.26	3,726,873.97	931,718.49
333	29-Nov	15.5	0.25	0.00	0.00	706,077.59	176,519.40	3,514,797.41	878,699.35
333	29-Nov	15.75	0.18	0.00	0.00	1,043,779.11	187,880.24	3,177,095.90	571,877.26
333	29-Nov	15.86	0.05	0.00	0.00	1,155,389.47	57,769.47	3,065,485.54	153,274.28
340	6-Dec	8.17	0.04	0.00	0.00	0.00	0.00	4,220,875.01	168,835.00
340	6-Dec	8.25	0.17	0.00	0.00	0.00	0.00	4,220,875.01	717,548.75
340	6-Dec	8.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
340	6-Dec	8.75	0.25	0.00	0.00	281.42	70.35	4,220,593.59	1,055,148.40
340	6-Dec	9	0.25	0.00	0.00	1,744.79	436.20	4,219,130.22	1,054,782.55
340	6-Dec	9.25	0.25	0.00	0.00	3,996.13	999.03	4,216,878.87	1,054,219.72

DayNum	Date	Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
340	6-Dec	9.5	0.25	0.00	0.00	7,091.73	1,772.93	4,213,783.28	1,053,445.82
340	6-Dec	9.75	0.25	0.00	0.00	11,031.58	2,757.90	4,209,843.43	1,052,460.86
340	6-Dec	10	0.25	0.00	0.00	15,365.42	3,841.35	4,205,509.59	1,051,377.40
340	6-Dec	10.25	0.25	0.00	0.00	20,318.37	5,079.59	4,200,556.63	1,050,139.16
340	6-Dec	10.5	0.25	0.00	0.00	26,115.58	6,528.90	4,194,759.42	1,048,689.86
340	6-Dec	10.75	0.25	0.00	0.00	32,531.91	8,132.98	4,188,343.10	1,047,085.77
340	6-Dec	11	0.25	0.00	0.00	37,090.88	9,272.72	4,183,784.12	1,045,946.03
340	6-Dec	11.25	0.25	0.00	0.00	42,437.82	10,609.46	4,178,437.18	1,044,609.30
340	6-Dec	11.5	0.25	0.00	0.00	46,377.68	11,594.42	4,174,497.33	1,043,624.33
340	6-Dec	11.75	0.25	0.00	0.00	49,135.57	12,283.89	4,171,739.44	1,042,934.86
340	6-Dec	12	0.25	0.00	0.00	50,655.23	12,663.81	4,170,219.78	1,042,554.95
340	6-Dec	12.25	0.25	0.00	0.00	55,833.32	13,958.33	4,165,041.69	1,041,260.42
340	6-Dec	12.5	0.25	0.00	0.00	59,942.02	14,985.50	4,160,932.99	1,040,233.25
340	6-Dec	12.75	0.25	0.00	0.00	65,851.80	16,462.95	4,155,023.21	1,038,755.80
340	6-Dec	13	0.25	0.00	0.00	71,986.71	17,996.68	4,148,888.30	1,037,222.08
340	6-Dec	13.25	0.25	0.00	0.00	80,147.83	20,036.96	4,140,727.18	1,035,181.80
340	6-Dec	13.5	0.25	0.00	0.00	91,460.83	22,865.21	4,129,414.18	1,032,353.55
340	6-Dec	13.75	0.25	0.00	0.00	106,882.53	26,720.63	4,113,992.48	1,028,498.12
340	6-Dec	14	0.25	0.00	0.00	128,495.43	32,123.86	4,092,379.58	1,023,094.90
340	6-Dec	14.25	0.25	0.00	0.00	156,637.22	39,159.31	4,064,237.79	1,016,059.45
340	6-Dec	14.5	0.25	0.00	0.00	197,105.12	49,276.28	4,023,769.89	1,005,942.47
340	6-Dec	14.75	0.25	0.00	0.00	244,158.20	61,039.55	3,976,716.81	994,179.20
340	6-Dec	15	0.25	0.00	0.00	342,316.77	85,579.19	3,878,558.23	969,639.56
340	6-Dec	15.25	0.25	0.00	0.00	497,209.20	124,302.30	3,723,665.80	930,916.45
340	6-Dec	15.5	0.25	0.00	0.00	700,055.25	175,013.81	3,520,819.76	880,204.94
340	6-Dec	15.75	0.17	0.00	0.00	1,024,136.14	174,103.14	3,196,738.87	543,445.61
340	6-Dec	15.85	0.05	0.00	0.00	1,134,845.96	56,742.30	3,086,029.05	154,301.45
347	13-Dec	8.26	0.12	0.00	0.00	0.00	0.00	4,220,875.01	506,505.00
347	13-Dec	8.5	0.25	0.00	0.00	0.00	0.00	4,220,875.01	1,055,218.75
347	13-Dec	8.75	0.25	0.00	0.00	56.28	14.07	4,220,818.72	1,055,204.68
347	13-Dec	9	0.25	0.00	0.00	1,350.81	337.70	4,219,524.20	1,054,881.05
347	13-Dec	9.25	0.25	0.00	0.00	3,714.72	928.68	4,217,160.29	1,054,290.07
347	13-Dec	9.5	0.25	0.00	0.00	7,148.02	1,787.00	4,213,726.99	1,053,431.75
347	13-Dec	9.75	0.25	0.00	0.00	10,693.88	2,673.47	4,210,181.13	1,052,545.28
347	13-Dec	10	0.25	0.00	0.00	14,915.15	3,728.79	4,205,959.86	1,051,489.96
347	13-Dec	10.25	0.25	0.00	0.00	20,430.94	5,107.74	4,200,444.07	1,050,111.02
347	13-Dec	10.5	0.25	0.00	0.00	24,989.91	6,247.48	4,195,885.10	1,048,971.27
347	13-Dec	10.75	0.25	0.00	0.00	31,631.38	7,907.84	4,189,243.63	1,047,310.91
347	13-Dec	11	0.25	0.00	0.00	36,190.35	9,047.59	4,184,684.66	1,046,171.17
347	13-Dec	11.25	0.25	0.00	0.00	41,649.85	10,412.46	4,179,225.15	1,044,806.29
347	13-Dec	11.5	0.25	0.00	0.00	46,433.96	11,608.49	4,174,441.05	1,043,610.26
347	13-Dec	11.75	0.25	0.00	0.00	51,049.21	12,762.30	4,169,825.80	1,042,456.45
347	13-Dec	12	0.25	0.00	0.00	52,962.85	13,240.71	4,167,912.15	1,041,978.04
347	13-Dec	12.25	0.25	0.00	0.00	57,015.27	14,253.82	4,163,859.74	1,040,964.93
347	13-Dec	12.5	0.25	0.00	0.00	62,305.93	15,576.48	4,158,569.08	1,039,642.27
347	13-Dec	12.75	0.25	0.00	0.00	68,440.84	17,110.21	4,152,434.17	1,038,108.54
347	13-Dec	13	0.25	0.00	0.00	73,900.35	18,475.09	4,146,974.66	1,036,743.66
347	13-Dec	13.25	0.25	0.00	0.00	83,187.14	20,796.79	4,137,687.87	1,034,421.97
347	13-Dec	13.5	0.25	0.00	0.00	93,768.46	23,442.11	4,127,106.55	1,031,776.64
347	13-Dec	13.75	0.25	0.00	0.00	111,160.08	27,790.02	4,109,714.92	1,027,428.73
347	13-Dec	14	0.25	0.00	0.00	130,127.65	32,531.91	4,090,747.36	1,022,686.84
347	13-Dec	14.25	0.25	0.00	0.00	155,511.55	38,877.89	4,065,363.46	1,016,340.86
347	13-Dec	14.5	0.25	0.00	0.00	195,923.16	48,980.79	4,024,951.84	1,006,237.96
347	13-Dec	14.75	0.25	0.00	0.00	238,304.71	59,576.18	3,982,570.30	995,642.58
347	13-Dec	15	0.25	0.00	0.00	321,154.15	80,288.54	3,899,720.86	974,930.22
347	13-Dec	15.25	0.25	0.00	0.00	479,254.74	119,813.68	3,741,620.27	935,405.07
347	13-Dec	15.5	0.25	0.00	0.00	674,108.52	168,527.13	3,546,766.49	886,691.62
347	13-Dec	15.75	0.18	0.00	0.00	980,403.79	176,472.68	3,240,471.21	583,284.82
347	13-Dec	15.87	0.06	0.00	0.00	1,104,058.83	66,243.53	3,116,816.17	187,008.97
354	20-Dec	8.33	0.08	0.00	0.00	0.00	0.00	4,220,875.01	337,670.00
354	20-Dec	8.5	0.21	0.00	0.00	0.00	0.00	4,220,875.01	886,383.75
354	20-Dec	8.75	0.25	0.00	0.00	56.28	14.07	4,220,818.72	1,055,204.68
354	20-Dec	9	0.25	0.00	0.00	1,350.81	337.70	4,219,524.20	1,054,881.05
354	20-Dec	9.25	0.25	0.00	0.00	3,151.88	787.97	4,217,723.13	1,054,430.78
354	20-Dec	9.5	0.25	0.00	0.00	6,303.76	1,575.94	4,214,571.25	1,053,642.81
354	20-Dec	9.75	0.25	0.00	0.00	9,680.78	2,420.19	4,211,194.23	1,052,798.56
354	20-Dec	10	0.25	0.00	0.00	13,339.21	3,334.80	4,207,535.80	1,051,883.95
354	20-Dec	10.25	0.25	0.00	0.00	19,755.54	4,938.88	4,201,119.47	1,050,279.87
354	20-Dec	10.5	0.25	0.00	0.00	24,145.66	6,036.41	4,196,729.35	1,049,182.34
354	20-Dec	10.75	0.25	0.00	0.00	30,787.12	7,696.78	4,190,087.89	1,047,521.97
354	20-Dec	11	0.25	0.00	0.00	34,445.55	8,611.39	4,186,429.45	1,046,607.36
354	20-Dec	11.25	0.25	0.00	0.00	40,355.33	10,088.83	4,180,519.68	1,045,129.92
354	20-Dec	11.5	0.25	0.00	0.00	46,152.54	11,538.14	4,174,722.47	1,043,680.62
354	20-Dec	11.75	0.25	0.00	0.00	50,317.53	12,579.38	4,170,557.48	1,042,639.37
354	20-Dec	12	0.25	0.00	0.00	53,694.54	13,423.64	4,167,180.47	1,041,795.12
354	20-Dec	12.25	0.25	0.00	0.00	58,028.38	14,507.09	4,162,846.63	1,040,711.66
354	20-Dec	12.5	0.25	0.00	0.00	63,375.32	15,843.83	4,157,499.69	1,039,374.92
354	20-Dec	12.75	0.25	0.00	0.00	68,553.41	17,138.35	4,152,321.60	1,038,080.40
354	20-Dec	13	0.25	0.00	0.00	74,350.62	18,587.65	4,146,524.39	1,036,631.10
354	20-Dec	13.25	0.25	0.00	0.00	83,130.86	20,782.71	4,137,744.15	1,034,436.04
354	20-Dec	13.5	0.25	0.00	0.00	93,543.32	23,385.83	4,127,331.69	1,031,832.92
354	20-Dec	13.75	0.25	0.00	0.00	108,514.75	27,128.69	4,112,360.25	1,028,090.06

DayNum	Date	Time	Duration	ExSF	ExSFHr	NewSF	NewSFHr	SunnySF	SunnySFHr
354	20-Dec	14	0.25	0.00	0.00	128,101.44	32,025.36	4,092,773.57	1,023,193.39
354	20-Dec	14.25	0.25	0.00	0.00	150,896.30	37,724.07	4,069,978.71	1,017,494.68
354	20-Dec	14.5	0.25	0.00	0.00	188,212.31	47,053.08	4,032,662.69	1,008,165.67
354	20-Dec	14.75	0.25	0.00	0.00	230,368.72	57,592.18	3,990,506.29	997,626.57
354	20-Dec	15	0.25	0.00	0.00	299,259.83	74,814.96	3,921,615.18	980,403.79
354	20-Dec	15.25	0.25	0.00	0.00	445,259.45	111,314.86	3,775,615.55	943,903.89
354	20-Dec	15.5	0.25	0.00	0.00	636,117.10	159,029.27	3,584,757.91	896,189.48
354	20-Dec	15.75	0.21	0.00	0.00	922,319.13	193,687.02	3,298,555.88	692,696.73
354	20-Dec	15.91	0.08	0.00	0.00	1,099,499.86	87,959.99	3,121,375.14	249,710.01
				0.00	0.00	145,789,460.83	30,906,721.57	4,691,333,299.35	1,132,493,056.23