

'Significant Weather' Code Explainer For
'Unedited Local Climatological Data'

BC patches	ML shallow
BL blowing	PE or PL ice pellets (sleet)
BR mist (or light fog)	PO well developed dust/sand whirls
DR low drifting	PR partial
DS dust storm	PY spray
DU widespread dust	RA rain
DZ drizzle	SA sand
FC funnel cloud	SG snow grains
FG fog	SH shower
FU smoke	SN snow
FZ freezing	SQ squalls
GR hail	SS sandstorm
GS small hail/snow pellets	TS thunderstorm
HZ haze	UP unknown (possible sleet)
IC ice crystals	VA volcanic ash

Weather conditions are described by combining three terms:

Intensity + Descriptor + Phenomena

- Light

+ Heavy

(none) Moderate

Examples: +SHRA heavy rain shower

-FZDZ light freezing drizzle

SN moderate snow

Code Explainer For Hourly Data

DATE = Date

TIME = Local Standard Time using 24-hour clock

STATION TYPE = A02 means Unattended, A02A means Attended

MAINTENANCE INDICATOR = Indicates if maintenance is taking place

SKY CONDITIONS =

CLR clear below 12, 000 feet
FEW few - up to 25% of sky covered
SCT scattered - 25% to 50% of sky covered
BKN broken - 50% to 90% of sky covered
OVC overcast - 90% to 100% of sky covered
VV vertical visibility - sky is obscured, eg, by fog
Number after observation indicates cloud base height
Cloud base height of 20 means 2,000 feet

VISIBILITY = Airport tower visibility in statute miles (SM)

WEATHER TYPE =

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DRY BULB TEMP = Outdoor Air temperature (degrees Fahrenheit & Celsius)

WET BULB TEMP = Used to calculate dew point or relative humidity (degrees Fahrenheit & Celsius)

DEW POINT TEMP = Temperature at which a vapor begins to condense or temperature at which dew, frost, and/or fog could develop (degrees Fahrenheit & Celsius)

RELATIVE HUMIDITY = Observed in percentage
when RH = 100% the air is saturated.
when RH = 0% the air contains no water vapor

WIND SPEED = Shown in knots. 1 knot = 1.15 miles per hour

WIND DIRECTION = See next Page. Direction in degrees wind was blowing FROM.

000 or 360 = North

090 = East

180 = South

270 = West

VRB means direction variable

WIND CHARACTERISTICS GUSTS = G means gusting

VALUE FOR WIND = Gust speed in knots (1.15mph)

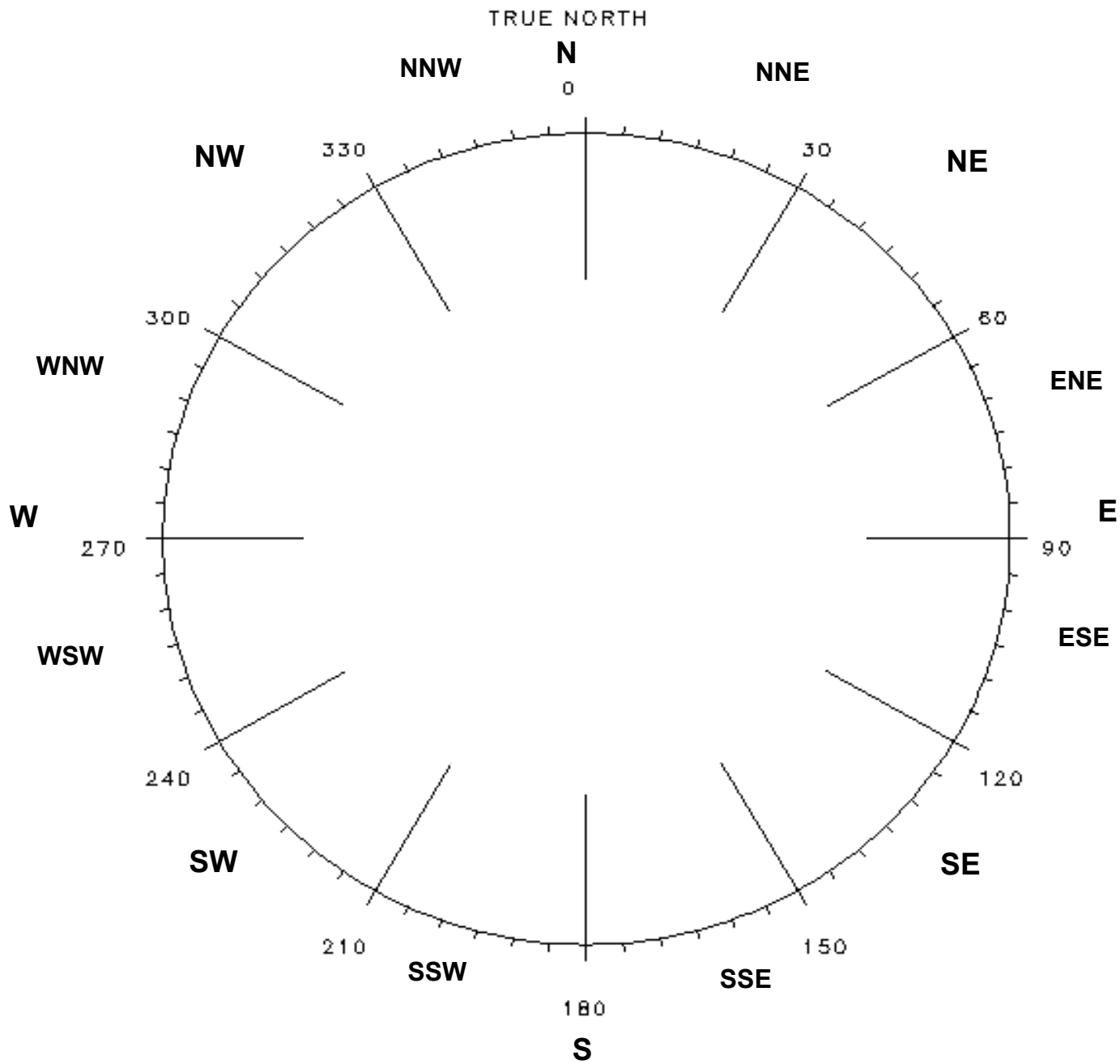
STATION PRESSURE = Inches in hundredths

PRESSURE TENDANCY = Rising (positive number) or falling (negative number)

SEA LEVEL PRESSURE = Millibar pressure

REPORT TYPE = AA means routine report. SP means special report

PRECIP TOTAL = Precipitation observed since last reading in inches



UNEDITED LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

Month: 11/2003

Station Location: MC GHEE TYSON AIRPORT (TYS)

KNOXVILLE, TN

Lat. 35°49'N Lon. 83°59'W

Elevation(Ground): 979 ft. above sea level

Date	Temperature (Fahrenheit)						Degree Days Base 65 Degrees		Significant Weather	Snow/Ice on Ground(In)				Precipitation (In)		Pressure(inches of Hg)		Wind: Speed=mph Dir=tens of degrees						Date
	Max.	Min.	Avg.	Dep From Normal	Avg. Dew pt.	Avg Wet Bulb	Heating	Cooling		0600 LST	1200 LST	2400 LST	2400 LST	Avg. Station	Avg. Sea level	Resultant Speed	Res Dir	Avg. Speed	max 5-sec		max 2-min			
																			Speed	Dir	Speed	Dir		
																							Depth	
1	77	48	63	10	53	56	2	0	FG HZ	-	-	-	0.00	29.22	30.28	1.6	2	2.7	13	2	10	1	1	
2	80	47	64	11	52	56	1	0	FG HZ	-	-	-	0.00	29.15	30.21	0.3	33	1.6	7	5	6	31	2	
3	80	48	64	11	50	55	1	0	FG HZ	M	-	M	0.00	29.06	30.14	0.3	3	1.2	8	24	8	24	3	
4	80*	49	65	13	56	60	0	0	-	-	-	-	0.00	28.98	30.06	2.7	26	3.8	22	26	18	26	4	
5	74	63	69*	17	66	67	0	4	RA FG HZ	M	-	M	0.64	28.98	30.05	0.5	30	3.1	15	28	13	28	5	
6	72	62	67	15	65	66	0	2	RA FG+ FG	M	-	M	0.62	29.00	30.06	2.4	34	4.7	21	36	17	36	6	
7	62	52	57	6	51	53	8	0	-	-	-	-	0.00	29.13	30.21	8.9	1	9.2	20	2	16	2	7	
8	61	43	52	1	37	45	13	0	-	-	-	-	0.00	29.24	30.34	11.8	3	12.0	21	3	17	4	8	
9	61	40	51	0	36	43	14	0	-	-	-	-	0.00	29.33	30.43	5.2	4	6.2	15	3	12	1	9	
10	63	40	52	1	42	46	13	0	FG	-	-	-	0.00	29.26	30.36	0.3	17	.7	7	23	7	22	10	
11	69	50	60	10	48	53	5	0	-	-	-	T	0.00	29.11	30.18	8.8	25	9.2	28	22	21	22	11	
12	74	59	67	17	58	61	0	2	RA FG	-	-	-	0.32	28.93	29.99	17.6	24	18.3	39	22	31	23	12	
13	59	35	47	-3	22	37	18	0	-	-	-	-	0.00	29.18	30.28	7.6	30	9.2	24	27	20	28	13	
14	50	28	39	-10	24	34	26	0	-	-	-	-	0.00	29.19	30.32	2.8	3	4.2	16	7	13	4	14	
15	47	42	45	-4	31	39	20	0	-	-	-	T	0.00	29.06	30.17	4.6	3	5.3	15	10	14	9	15	
16	55	46	51	2	49	50	14	0	RA	-	-	-	0.38	29.05	30.15	1.9	2	3.5	15	31	13	31	16	
17	64	54	59	10	57	57	6	0	RA FG HZ	-	-	-	0.02	29.06	30.14	2.8	3	3.7	9	1	8	2	17	
18	76	53	65	17	57	60	0	0	RA FG+ FG	-	-	-	1.05	28.80	29.87	9.6	18	11.9	39	19	29	19	18	
19	62	44	53	5	51	53	12	0	TS TSRA RA FG HZ	M	-	M	0.72	28.66	29.73	5.0	26	7.5	22	34	20	28	19	
20	64	39	52	4	38	44	13	0	-	-	-	-	0.00	28.98	30.07	1.0	23	2.8	10	24	9	23	20	
21	68	37	53	5	41	46	12	0	HZ	-	-	-	0.00	29.03	30.11	1.2	24	1.7	12	21	9	24	21	
22	68	37	53	5	45	49	12	0	FG	-	-	-	0.00	29.02	30.10	1.4	23	2.8	14	21	13	22	22	
23	70	38	54	7	47	51	11	0	FG HZ	-	-	-	0.00	28.94	30.02	4.6	22	6.5	22	23	17	17	23	
24	67	29	48	2	38	43	17	0	RA FG	-	-	-	0.43	28.91	29.99	7.7	26	13.1	31	26	28	25	24	
25	47	26	37	-9	26	32	28	0	-	-	-	-	0.00	29.02	30.12	2.9	4	4.3	14	7	12	7	25	
26	50	31	41	-5	33	38	24	0	-	-	-	-	0.00	29.02	30.12	1.4	4	3.0	9	8	8	9	26	
27	50	41	46	0	43	45	19	0	RA FG	-	-	-	0.16	28.94	30.03	1.6	6	3.4	16	34	14	33	27	
28	62	31	47	2	37	41	18	0	RA FG HZ	-	-	-	0.41	28.85	29.93	11.5	28	13.3	37	28	30	29	28	
29	41	30	36*	-9	23	30	29	0	-	-	-	-	T	29.14	30.25	9.9	25	10.6	25	29	21	27	29	
30	56	29	43	-2	24	35	22	0	-	-	-	-	0.00	29.13	30.24	9.7	23	10.9	23	23	18	21	30	
									<Monthly Averages				Totals>	4.71	29.05	30.13	2.0	27.5	6.4	<Monthly Average				
									<-----Departure From Normal----->				2.10											
Degree Days Monthly Season to Date Total Departure Total Departure Heating: 358 -112 590 -112 Cooling: 8 5 491 -959									Greatest 24-hr Precipitation: 1.77 Date: 18-19 Greatest 24-hr Snowfall: Date: Greatest Snow Depth: 0 Date:						Sea Level Pressure Date Time Maximum 30.50 9 1033 Minimum 29.57 19 0351									
									Number of Days with ----->			Max Temp >=90: 0		Min Temp <=32: 7		Precipitation >=.01 inch: 11								
											Max Temp <=32: 0		Min Temp <=0 : 0		Precipitation >=.10 inch: 9									
											Thunderstorms : 1		Heavy Fog : 2		Snowfall >=1.0 inch : 0									
* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.																								

**UNEDITED LOCAL
CLIMATOLOGICAL DATA
HOURLY OBSERVATIONS TABLE
MC GHEE TYSON AIRPORT (TYS)
KNOXVILLE , TN
(11/2003)**

Elevation: 979 ft. above sea level
Latitude: 35°49'N
Longitude: 83°59'W

Date	Time	Station Type	Maint Indic	Sky Conditions	Visibility	Weather Type	Dry Bulb Temp		Wet Bulb Temp		Dew Point Temp		Rel Humd %	Wind Speed (KT)	Wind Dir	Wind Char. Gusts (KT)	Val. for Wind Char.	Station Pressure	Press Tend	Sea Level Pressure	Report Type	Precip. Total
							(F)	(C)	(F)	(C)	(F)	(C)										
01	0053	AO2	-	SCT015	7SM	-	54	12.2	53	11.6	52	11.1	93	0	000	-	0	29.25	0	253	AA	-
01	0153	AO2	-	SCT020 SCT200	5SM	BR	51	10.6	50	10.3	50	10.0	96	0	000	-	0	29.24	-	252	AA	-
01	0253	AO2	-	SCT200	3SM	BR	49	9.4	49	9.4	49	9.4	100	0	000	-	0	29.24	-	252	AA	-
01	0353	AO2	-	SCT010 SCT200	4SM	BR	51	10.6	50	10.3	50	10.0	96	3	020	-	0	29.25	3	254	AA	-
01	0413	AO2	-	SCT010 SCT020	2SM	BR	-	-	-	-	-	-	0	0	000	-	0	-	-	-	SP	-
01	0433	AO2	-	SCT010 SCT020	3SM	BR	-	-	-	-	-	-	0	0	000	-	0	-	-	-	SP	-
01	0453	AO2	-	SCT010 SCT020	3SM	BR	48	8.9	47	8.6	47	8.3	96	0	000	-	0	29.25	-	260	AA	-
01	0520	AO2	-	SCT010 SCT020	2SM	BR	-	-	-	-	-	-	0	0	000	-	0	-	-	-	SP	-
01	0530	AO2	-	SCT010 SCT020	1 1/2SM	BR	-	-	-	-	-	-	0	0	000	-	0	-	-	-	SP	-
01	0542	AO2	-	SCT010 SCT020	3SM	BR	-	-	-	-	-	-	0	0	000	-	0	-	-	-	SP	-
01	0553	AO2	-	SCT010 SCT020	2 1/2SM	BR	49	9.4	48	9.1	48	8.9	97	0	000	-	0	29.27	-	266	AA	-
01	0619	AO2	-	SCT010 SCT200	3SM	BR	-	-	-	-	-	-	0	0	000	-	0	-	-	-	SP	-
01	0653	AO2	-	SCT200	4SM	BR	48	8.9	48	8.9	48	8.9	100	0	000	-	0	29.28	1	271	AA	-
01	0753	AO2	-	FEW250	4SM	BR	51	10.6	50	10.0	49	9.4	92	0	000	-	0	29.30	-	277	AA	-
01	0853	AO2	-	FEW250	4SM	BR	54	12.2	53	11.6	52	11.1	93	5	030	-	0	29.31	-	282	AA	-
01	0953	AO2	-	CLR	7SM	-	60	15.6	57	13.7	54	12.2	80	3	VRB	-	0	29.31	0	280	AA	-
01	1053	AO2	-	CLR	10SM	-	67	19.4	60	15.6	55	12.8	66	3	020	-	0	29.30	-	276	AA	-
01	1153	AO2	-	CLR	10SM	-	72	22.2	61	16.3	54	12.2	53	0	000	-	0	29.28	-	268	AA	-
01	1253	AO2	-	CLR	10SM	-	74	23.3	63	17.3	56	13.3	54	4	VRB	-	0	29.25	8	256	AA	-
01	1353	AO2	-	CLR	10SM	-	76	24.4	64	18.0	57	13.9	52	7	360	-	0	29.23	-	248	AA	-
01	1453	AO2	-	CLR	10SM	-	76	24.4	64	18.0	57	13.9	52	7	360	-	0	29.22	-	243	AA	-
01	1553	AO2	-	FEW250	10SM	-	76	24.4	63	17.4	55	12.8	48	4	050	-	0	29.21	6	239	AA	-
01	1653	AO2	-	FEW250	10SM	-	75	23.9	64	17.5	56	13.3	52	4	020	-	0	29.20	-	238	AA	-
01	1753	AO2	-	FEW250	10SM	-	69	20.6	61	16.0	55	12.8	61	4	010	-	0	29.21	-	241	AA	-
01	1853	AO2	-	FEW200	10SM	-	69	20.6	60	15.7	54	12.2	59	4	030	-	0	29.21	3	242	AA	-
01	1953	AO2	-	FEW200	8SM	-	63	17.2	58	14.7	55	12.8	76	3	050	-	0	29.21	-	243	AA	-
01	2053	AO2	-	FEW200	9SM	-	62	16.7	58	14.5	55	12.8	78	3	040	-	0	29.21	-	244	AA	-
01	2153	AO2	-	FEW200	10SM	-	60	15.6	56	13.4	53	11.7	78	3	040	-	0	29.22	3	244	AA	-
01	2253	AO2	-	CLR	9SM	-	57	13.9	54	12.4	52	11.1	83	0	000	-	0	29.21	-	242	AA	-
01	2353	AO2	-	CLR	5SM	BR	56	13.3	54	12.4	53	11.7	90	0	000	-	0	29.20	-	238	AA	-
02	0053	AO2	-	CLR	6SM	BR	55	12.8	53	11.9	52	11.1	90	0	000	-	0	29.20	8	236	AA	-
02	0139	AO2	-	SCT002	6SM	BR	-	-	-	-	-	-	0	0	000	-	0	-	-	-	SP	-
02	0153	AO2	-	SCT002	5SM	BR	53	11.7	52	11.4	52	11.1	96	0	000	-	0	29.20	-	238	AA	-
02	0253	AO2	-	CLR	5SM	BR	52	11.1	51	10.5	50	10.0	93	0	000	-	0	29.20	-	237	AA	-
02	0353	AO2	-	CLR	4SM	BR	48	8.9	47	8.6	47	8.3	96	3	040	-	0	29.20	8	237	AA	-
02	0453	AO2	-	CLR	3SM	BR	50	10.0	49	9.4	48	8.9	93	0	000	-	0	29.20	-	237	AA	-
02	0553	AO2	-	CLR	2SM	BR	49	9.4	48	9.1	48	8.9	97	3	040	-	0	29.20	-	239	AA	-
02	0621	AO2	-	CLR	3SM	BR	-	-	-	-	-	-	0	0	000	-	0	-	-	-	SP	-
02	0653	AO2	-	SCT200	5SM	BR	49	9.4	48	9.1	48	8.9	97	0	000	-	0	29.21	3	241	AA	-

02	0726	AO2	CLR	1SM	BR	-	-	-	-	-	0	000	-	0	-	-	-	SP	
02	0753	AO2	CLR	3SM	BR	52	11.1	51	10.8	51	10.6	97	3	360	0	29.22	-	248	AA
02	0853	AO2	FEW200	4SM	BR	56	13.3	54	12.1	52	11.1	87	0	000	0	29.24	-	252	AA
02	0953	AO2	FEW020	7SM	-	61	16.1	57	13.9	54	12.2	78	0	000	0	29.24	1	253	AA
02	1053	AO2	FEW200	9SM	-	65	18.3	60	15.4	56	13.3	73	3	VRB	0	29.24	-	252	AA
02	1153	AO2	CLR	10SM	-	70	21.1	62	16.5	56	13.3	61	0	000	0	29.22	-	245	AA
02	1253	AO2	FEW020	10SM	-	74	23.3	64	17.6	57	13.9	56	4	200	0	29.19	8	232	AA
02	1353	AO2	CLR	10SM	-	78	25.6	65	18.4	57	13.9	48	0	000	0	29.16	-	221	AA
02	1453	AO2	CLR	10SM	-	79	26.1	65	18.3	56	13.3	45	3	340	0	29.14	-	214	AA
02	1553	AO2	FEW250	10SM	-	80	26.7	65	18.2	55	12.8	42	4	320	0	29.13	6	213	AA
02	1653	AO2	FEW250	10SM	-	77	25.0	63	17.1	53	11.7	44	4	310	0	29.13	-	213	AA
02	1753	AO2	BKN250	10SM	-	71	21.7	60	15.6	52	11.1	51	0	000	0	29.13	-	217	AA
02	1853	AO2	FEW250	10SM	-	68	20.0	59	15.2	53	11.7	59	3	060	0	29.14	3	219	AA
02	1953	AO2	FEW250	10SM	-	67	19.4	59	15.0	53	11.7	61	0	000	0	29.15	-	221	AA
02	2053	AO2	CLR	10SM	-	63	17.2	57	13.8	52	11.1	68	0	000	0	29.15	-	223	AA
02	2153	AO2	CLR	10SM	-	60	15.6	56	13.4	53	11.7	78	3	060	0	29.16	1	223	AA
02	2253	AO2	CLR	10SM	-	57	13.9	55	12.7	53	11.7	87	0	000	0	29.15	-	222	AA
02	2353	AO2	CLR	9SM	-	54	12.2	52	11.3	51	10.6	90	0	000	0	29.14	-	219	AA
03	0053	AO2	CLR	8SM	-	53	11.7	51	10.8	50	10.0	89	0	000	0	29.14	8	216	AA
03	0153	AO2	CLR	8SM	-	52	11.1	51	10.5	50	10.0	93	0	000	0	29.13	-	214	AA
03	0253	AO2	CLR	6SM	BR	51	10.6	50	10.3	50	10.0	96	0	000	0	29.13	-	213	AA
03	0353	AO2	CLR	5SM	BR	48	8.9	47	8.6	47	8.3	96	3	050	0	29.12	6	211	AA
03	0453	AO2	CLR	5SM	BR	49	9.4	48	8.8	47	8.3	93	3	030	0	29.14	-	217	AA
03	0553	AO2	CLR	6SM	BR	49	9.4	48	9.1	48	8.9	97	0	000	0	29.15	-	223	AA
03	0653	AO2	FEW250	6SM	BR	49	9.4	48	8.8	47	8.3	93	0	000	0	29.16	1	226	AA
03	0753	AO2	CLR	5SM	BR	49	9.4	48	8.8	47	8.3	93	0	000	0	29.18	-	233	AA
03	0853	AO2	CLR	7SM	-	54	12.2	52	11.3	51	10.6	90	0	000	0	29.19	-	235	AA
03	0953	AO2	CLR	10SM	-	61	16.1	57	13.6	53	11.7	75	4	VRB	0	29.18	0	233	AA
03	1053	AO2	CLR	10SM	-	66	18.9	59	14.8	53	11.7	63	4	010	0	29.17	-	228	AA
03	1153	AO2	CLR	10SM	-	72	22.2	61	16.1	53	11.7	52	4	050	0	29.15	-	220	AA
03	1253	AO2	CLR	10SM	-	75	23.9	62	16.4	52	11.1	45	0	000	0	29.11	8	207	AA
03	1353	AO2	CLR	10SM	-	77	25.0	62	16.8	52	11.1	42	0	000	0	29.08	-	197	AA
03	1453	AO2	CLR	10SM	-	79	26.1	63	17.0	51	10.6	38	0	000	0	29.06	-	190	AA
03	1553	AO2	CLR	10SM	-	80	26.7	63	17.2	51	10.6	37	0	000	0	29.05	6	187	AA
03	1653	AO2	CLR	10SM	-	78	25.6	62	16.5	50	10.0	37	0	000	0	29.04	-	184	AA
03	1753	AO2	CLR	10SM	-	73	22.8	59	15.2	49	9.4	43	0	000	0	29.04	-	184	AA
03	1853	AO2	CLR	10SM	-	71	21.7	59	14.8	49	9.4	46	0	000	0	29.04	5	186	AA
03	1953	AO2	CLR	10SM	-	66	18.9	57	13.9	50	10.0	56	0	000	0	29.04	-	186	AA
03	2053	AO2	CLR	10SM	-	60	15.6	55	12.9	51	10.6	72	4	060	0	29.04	-	186	AA
03	2153	AO2	CLR	10SM	-	58	14.4	54	12.0	50	10.0	75	0	000	0	29.05	3	189	AA
03	2253	AO2	CLR	10SM	-	55	12.8	53	11.9	52	11.1	90	4	070	0	29.05	-	187	AA
03	2353	AO2	CLR	10SM	-	54	12.2	52	11.3	51	10.6	90	0	000	0	29.05	-	186	AA
04	0053	AO2	CLR	9SM	-	54	12.2	52	11.0	50	10.0	87	0	000	0	29.04	7	184	AA
04	0153	AO2	CLR	10SM	-	55	12.8	52	11.3	50	10.0	83	0	000	0	29.05	-	184	AA
04	0253	AO2	CLR	8SM	-	49	9.4	48	8.8	47	8.3	93	5	050	0	29.04	-	182	AA
04	0353	AO2	FEW180	7SM	-	50	10.0	49	9.7	49	9.4	96	0	000	0	29.04	5	183	AA
04	0453	AO2	BKN075 BKN090	10SM	-	54	12.2	52	11.0	50	10.0	87	0	000	0	29.05	-	184	AA
04	0553	AO2	FEW070 SCT085	10SM	-	51	10.6	49	9.7	48	8.9	89	0	000	0	29.06	-	189	AA
04	0653	AO2	FEW075	9SM	-	51	10.6	49	9.7	48	8.9	89	3	320	0	29.07	3	194	AA
04	0753	AO2	FEW070	7SM	-	54	12.2	52	11.0	50	10.0	87	0	000	0	29.08	-	199	AA
04	0853	AO2	FEW080	8SM	-	58	14.4	54	12.3	51	10.6	78	0	000	0	29.09	-	201	AA
04	0953	AO2	FEW080	10SM	-	65	18.3	58	14.5	53	11.7	66	0	000	0	29.08	0	198	AA
04	1053	AO2	FEW080	10SM	-	71	21.7	61	15.9	53	11.7	53	0	000	0	29.07	-	195	AA
04	1153	AO2	FEW080	10SM	-	76	24.4	65	18.6	59	15.0	56	6	270	0	29.05	-	187	AA
04	1253	AO2	SCT050	10SM	-	78	25.6	67	19.6	61	16.1	56	12	250	0	29.02	8	176	AA
04	1353	AO2	SCT050	10SM	-	78	25.6	68	19.9	62	16.7	58	8	240	0	29.00	-	169	AA
04	1453	AO2	FEW055	10SM	-	79	26.1	69	20.4	63	17.2	58	8	270	0	29.00	-	168	AA
04	1553	AO2	BKN065	10SM	-	78	25.6	68	19.9	62	16.7	58	11	240	0	29.00	6	168	AA
04	1653	AO2	BKN075	10SM	-	77	25.0	68	20.0	63	17.2	62	6	240	0	28.99	-	164	AA

04	1753	AO2	SCT070 BKN090	10SM	-	74	23.3	66	19.1	62	16.7	67	4	290	-	0	28.99	-	168	AA	-
04	1853	AO2	FEW060 BKN080	10SM	-	72	22.2	66	18.8	62	16.7	71	3	290	-	0	28.99	6	167	AA	-
04	1953	AO2	BKN080	10SM	-	70	21.1	64	18.0	61	16.1	73	3	290	-	0	28.99	-	168	AA	-
04	2053	AO2	OVC080	10SM	-	68	20.0	64	18.0	62	16.7	81	4	090	-	0	29.00	-	169	AA	-
04	2153	AO2	BKN085	10SM	-	68	20.0	64	18.0	62	16.7	81	0	000	-	0	29.00	0	167	AA	-
04	2253	AO2	BKN090	10SM	-	67	19.4	64	17.7	62	16.7	84	3	140	-	0	28.99	-	164	AA	-
04	2353	AO2	FEW070 OVC095	10SM	-	67	19.4	64	17.7	62	16.7	84	3	340	-	0	29.00	-	165	AA	-
05	0053	AO2	FEW070 OVC090	10SM	-	66	18.9	64	17.6	62	16.7	87	0	000	-	0	28.99	8	162	AA	-
05	0153	AO2	BKN100	10SM	-	65	18.3	63	17.0	61	16.1	87	0	000	-	0	28.98	-	160	AA	-
05	0253	AO2	SCT075 OVC100	9SM	-	66	18.9	64	17.6	62	16.7	87	0	000	-	0	28.98	-	160	AA	-
05	0353	AO2	FEW050 SCT075	10SM	-	65	18.3	63	17.0	61	16.1	87	0	000	-	0	28.99	5	161	AA	-
05	0453	AO2	BKN060 BKN090 OVC120	8SM	-	64	17.8	62	16.8	61	16.1	90	0	000	-	0	29.00	-	167	AA	-
05	0553	AO2	SCT070 BKN100 OVC180	8SM	-	64	17.8	62	16.8	61	16.1	90	0	000	-	0	29.02	-	173	AA	-
05	0653	AO2	FEW047 BKN080 OVC120	9SM	-	64	17.8	62	16.8	61	16.1	90	0	000	-	0	29.03	1	177	AA	-
05	0753	AO2	FEW047 BKN075	8SM	-	65	18.3	63	17.3	62	16.7	90	0	000	-	0	29.04	-	181	AA	-
05	0853	AO2	SCT042 BKN060 OVC090	7SM	-	66	18.9	64	17.9	63	17.2	90	0	000	-	0	29.05	-	186	AA	-
05	0953	AO2	SCT045 BKN075 BKN100	8SM	-	69	20.6	66	18.8	64	17.8	84	3	110	-	0	29.06	1	186	AA	-
05	1053	AO2	SCT042 BKN065 BKN100	6SM	HZ	73	22.8	68	20.3	66	18.9	79	3	280	-	0	29.05	-	184	AA	-
05	1143	AO2	SCT020 BKN029 OVC075	2 1/2SM	-RA BR	-	-	-	-	-	-	-	11	290	-	0	-	-	-	SP	-
05	1153	AO2	SCT020 BKN029 OVC039	3SM	-RA BR	70	21.1	69	20.4	68	20.0	93	7	310	-	0	29.05	-	183	AA	.03
05	1204	AO2	FEW009 BKN025 OVC035	2SM	RA BR	-	-	-	-	-	-	-	4	300	-	0	-	-	-	SP	-
05	1210	AO2	FEW012 BKN020 BKN037	3SM	-RA BR	-	-	-	-	-	-	-	6	280	-	0	-	-	-	SP	-
05	1245	AO2	SCT022 BKN037 BKN050	9SM	-RA	-	-	-	-	-	-	-	3	240	-	0	-	-	-	SP	-
05	1253	AO2	FEW008 BKN030 OVC037	9SM	-RA	71	21.7	70	21.0	69	20.6	94	4	220	-	0	29.04	8	180	AA	.07
05	1259	AO2	BKN008 BKN030 OVC037	6SM	-RA BR	-	-	-	-	-	-	-	3	210	-	0	-	-	-	SP	-
05	1338	AO2	SCT007 BKN014 OVC033	2 1/2SM	-RA BR	-	-	-	-	-	-	-	7	190	-	0	-	-	-	SP	-
05	1342	AO2	FEW007 BKN021 OVC032	3SM	-RA BR	-	-	-	-	-	-	-	6	200	-	0	-	-	-	SP	-
05	1353	AO2	SCT009 BKN026 OVC034	2 1/2SM	-RA BR	72	22.2	71	21.5	70	21.1	94	6	220	-	0	29.02	-	173	AA	.01
05	1404	AO2	SCT009 BKN016 OVC022	1 1/2SM	RA BR	-	-	-	-	-	-	-	5	250	-	0	-	-	-	SP	-
05	1406	AO2	SCT009 BKN016 OVC022	1SM	RA BR	-	-	-	-	-	-	-	4	270	-	0	-	-	-	SP	-
05	1420	AO2	SCT004 BKN019 OVC039	1 1/2SM	RA BR	-	-	-	-	-	-	-	5	220	-	0	-	-	-	SP	-
05	1427	AO2	SCT006 BKN021 OVC030	3SM	-RA BR	-	-	-	-	-	-	-	7	190	-	0	-	-	-	SP	-
05	1434	AO2	SCT009 BKN015 OVC033	1SM	-RA BR	-	-	-	-	-	-	-	7	200	-	0	-	-	-	SP	-
05	1453	AO2	SCT007 SCT010 OVC017	1 1/2SM	+RA BR	71	21.7	70	21.0	69	20.6	94	8	220	-	0	29.01	-	172	AA	.43
05	1507	AO2	SCT005 BKN017 OVC043	3SM	-RA BR	-	-	-	-	-	-	-	6	230	-	0	-	-	-	SP	-
05	1528	AO2	SCT008 SCT031 OVC041	5SM	BR	-	-	-	-	-	-	-	5	220	-	0	-	-	-	SP	-
05	1553	AO2	SCT016 BKN049 BKN080	7SM	-	72	22.2	71	21.5	70	21.1	94	3	240	-	0	29.02	5	174	AA	-
05	1653	AO2	FEW050 SCT065 OVC085	7SM	-	72	22.2	71	21.5	70	21.1	94	4	230	-	0	29.02	-	175	AA	.02
05	1753	AO2	FEW045 SCT075	4SM	BR	70	21.1	69	20.8	69	20.6	97	3	120	-	0	29.03	-	177	AA	-
05	1853	AO2	FEW045 BKN090	4SM	BR	70	21.1	69	20.8	69	20.6	97	3	020	-	0	29.04	3	180	AA	-
05	1953	AO2	OVC055	2 1/2SM	BR	69	20.6	68	20.2	68	20.0	96	4	030	-	0	29.04	-	182	AA	-
05	2012	AO2	FEW045 BKN060 OVC080	2 1/2SM	BR	-	-	-	-	-	-	-	6	020	-	0	-	-	-	SP	-
05	2029	AO2	FEW001 SCT028 BKN065	3SM	BR	-	-	-	-	-	-	-	5	040	-	0	-	-	-	SP	-
05	2034	AO2	SCT001 BKN028 BKN080	2 1/2SM	BR	-	-	-	-	-	-	-	4	060	-	0	-	-	-	SP	-
05	2053	AO2	FEW001 BKN028 BKN085	1 3/4SM	BR	69	20.6	68	20.2	68	20.0	96	4	050	-	0	29.04	-	182	AA	-
05	2058	AO2	BKN001 BKN018 OVC046	1 3/4SM	BR	-	-	-	-	-	-	-	4	050	-	0	-	-	-	SP	-
05	2103	AO2	SCT001 BKN012 OVC029	1 1/4SM	BR	-	-	-	-	-	-	-	5	050	-	0	-	-	-	SP	-
05	2122	AO2	SCT003 BKN014 OVC029	2SM	BR	-	-	-	-	-	-	-	4	360	-	0	-	-	-	SP	-
05	2131	AO2	FEW001 BKN017 OVC026	2SM	BR	-	-	-	-	-	-	-	0	000	-	0	-	-	-	SP	-
05	2153	AO2	SCT001 BKN017 OVC026	1 3/4SM	BR	69	20.6	68	20.2	68	20.0	96	5	010	-	0	29.05	2	183	AA	-
05	2208	AO2	SCT001 BKN015 OVC026	2SM	BR	-	-	-	-	-	-	-	5	020	-	0	-	-	-	SP	-
05	2229	AO2	SCT001 BKN005 OVC015	2SM	-RA BR	-	-	-	-	-	-	-	0	000	-	0	-	-	-	SP	-
05	2253	AO2	SCT001 BKN005 BKN015	2SM	BR	68	20.0	68	20.0	68	20.0	100	5	040	-	0	29.03	-	177	AA	T
05	2353	AO2	SCT001 OVC005	1 1/2SM	RA BR	68	20.0	68	20.0	68	20.0	100	3	030	-	0	29.03	-	177	AA	.04
06	0029	AO2	SCT001 BKN015 OVC036	1 1/2SM	BR	-	-	-	-	-	-	-	4	320	-	0	-	-	-	SP	-
06	0053	AO2	BKN001 BKN005 OVC035	1 1/2SM	BR	68	20.0	67	19.6	67	19.4	96	0	000	-	0	29.03	6	176	AA	T
06	0121	AO2	BKN001 BKN005 OVC032	1 1/4SM	BR	-	-	-	-	-	-	-	3	020	-	0	-	-	-	SP	-
06	0153	AO2	BKN001 BKN005 OVC015	1 1/4SM	BR	68	20.0	67	19.6	67	19.4	96	3	040	-	0	29.02	-	175	AA	-
06	0232	AO2	OVC001	1/2SM	FG	-	-	-	-	-	-	-	3	040	-	0	-	-	-	SP	-

06	0253	AO2	-	BKN001 BKN011 OVC036	1/4SM	FG	67	19.4	67	19.4	67	19.4	100	3	030	-	0	29.02	-	173	AA	-
06	0353	AO2	-	BKN001 BKN011 OVC033	1/4SM	-RA FG	67	19.4	67	19.4	67	19.4	100	3	010	-	0	29.00	8	166	AA	.02
06	0405	AO2	-	BKN001 BKN018 OVC044	1/2SM	FG	-	-	-	-	-	-	-	0	000	-	0	-	-	-	SP	-
06	0429	AO2	-	SCT001 BKN010 OVC031	3/4SM	RA BR	-	-	-	-	-	-	-	0	000	-	0	-	-	-	SP	-
06	0453	AO2	-	BKN001 OVC003	1SM	-RA BR	67	19.4	67	19.4	67	19.4	100	3	040	-	0	28.99	-	164	AA	.08
06	0508	AO2	-	SCT001 BKN003 OVC033	2SM	-RA BR	-	-	-	-	-	-	-	5	020	-	0	-	-	-	SP	-
06	0553	AO2	-	BKN001 BKN005 OVC031	1 1/4SM	+RA BR	67	19.4	67	19.4	67	19.4	100	4	320	-	0	28.99	-	163	AA	.08
06	0633	AO2	-	SCT001 BKN017 OVC031	1 1/2SM	+RA BR	-	-	-	-	-	-	-	3	360	-	0	-	-	-	SP	-
06	0653	AO2	-	FEW004 BKN021 OVC040	3SM	-RA BR	67	19.4	67	19.4	67	19.4	100	0	000	-	0	29.00	3	167	AA	.37
06	0704	AO2	-	SCT003 BKN009 BKN014	3SM	-RA BR	-	-	-	-	-	-	-	0	000	-	0	-	-	-	SP	-
06	0725	AO2	-	SCT002 OVC009	2SM	-RA BR	-	-	-	-	-	-	-	0	000	-	0	-	-	-	SP	-
06	0736	AO2	-	SCT002 BKN012 OVC026	2 1/2SM	-RA BR	-	-	-	-	-	-	-	0	000	-	0	-	-	-	SP	-
06	0753	AO2	-	SCT002 BKN009 OVC026	2 1/2SM	-RA BR	67	19.4	67	19.4	67	19.4	100	0	000	-	0	29.02	-	173	AA	.05
06	0841	AO2	-	BKN003 OVC013	3SM	BR	-	-	-	-	-	-	-	3	160	-	0	-	-	-	SP	-
06	0853	AO2	-	BKN003 OVC011	3SM	BR	68	20.0	67	19.6	67	19.4	96	0	000	-	0	29.02	-	175	AA	T
06	0907	AO2	-	SCT003 OVC009	4SM	-RA BR	-	-	-	-	-	-	-	3	140	-	0	-	-	-	SP	-
06	0921	AO2	-	BKN003 OVC009	3SM	BR	-	-	-	-	-	-	-	6	290	-	0	-	-	-	SP	-
06	0953	AO2	-	FEW003 BKN012 BKN055	3SM	BR	69	20.6	68	20.2	68	20.0	96	6	270	-	0	29.04	3	180	AA	.01
06	1029	AO2	-	SCT006 BKN027 OVC080	7SM	-	-	-	-	-	-	-	-	6	230	-	0	-	-	-	SP	-
06	1053	AO2	-	SCT006 BKN020 OVC070	4SM	-RA BR	70	21.1	69	20.4	68	20.0	93	6	250	-	0	29.03	-	178	AA	T
06	1124	AO2	-	SCT006 BKN014 OVC019	4SM	-RA BR	-	-	-	-	-	-	-	7	250	-	0	-	-	-	SP	-
06	1153	AO2	-	SCT011 BKN048 OVC055	7SM	-	71	21.7	70	21.0	69	20.6	94	7	260	-	0	29.03	-	176	AA	T
06	1253	AO2	-	SCT008 BKN015 OVC050	9SM	-	72	22.2	70	21.1	69	20.6	91	5	280	-	0	29.00	8	168	AA	-
06	1335	AO2	-	SCT012 BKN030 OVC050	6SM	BR	-	-	-	-	-	-	-	6	300	-	0	-	-	-	SP	-
06	1353	AO2	-	SCT012 BKN030 OVC085	6SM	BR	71	21.7	70	21.0	69	20.6	94	8	280	-	0	28.99	-	165	AA	T
06	1356	AO2	-	SCT006 BKN012 OVC030	5SM	BR	-	-	-	-	-	-	-	7	290	-	0	-	-	-	SP	-
06	1434	AO2	-	SCT009 BKN017 OVC055	7SM	-	-	-	-	-	-	-	-	11	360	-	0	-	-	-	SP	-
06	1453	AO2	-	SCT009 OVC023	7SM	-	67	19.4	65	18.0	63	17.2	87	7	360	-	0	29.01	-	170	AA	-
06	1526	AO2	-	SCT009 BKN030 OVC080	10SM	-	-	-	-	-	-	-	-	6	360	-	0	-	-	-	SP	-
06	1553	AO2	-	SCT009 BKN030 OVC080	10SM	-	68	20.0	64	18.0	62	16.7	81	5	060	-	0	29.01	3	173	AA	-
06	1653	AO2	-	FEW016 SCT055 BKN150	10SM	-	67	19.4	64	17.7	62	16.7	84	6	150	-	0	29.00	-	168	AA	-
06	1753	AO2	-	FEW015 BKN044 BKN070	10SM	-	66	18.9	64	17.9	63	17.2	90	3	320	-	0	29.03	-	178	AA	-
06	1828	AO2	-	BKN019 OVC046	10SM	-	-	-	-	-	-	-	-	6	320	-	0	-	-	-	SP	-
06	1853	AO2	-	SCT021 BKN055 OVC070	10SM	-	66	18.9	63	17.2	61	16.1	84	3	350	-	0	29.05	3	185	AA	-
06	1953	AO2	-	SCT020 OVC060	10SM	-	66	18.9	63	17.2	61	16.1	84	5	360	-	0	29.06	-	189	AA	-
06	2053	AO2	-	FEW020 BKN070 OVC200	9SM	-	65	18.3	62	16.7	60	15.6	84	6	010	-	0	29.08	-	196	AA	-
06	2140	AO2	-	BKN025 OVC060	9SM	-	-	-	-	-	-	-	-	3	010	-	0	-	-	-	SP	-
06	2153	AO2	-	BKN025 OVC060	10SM	-	64	17.8	61	16.1	59	15.0	84	5	020	-	0	29.10	3	203	AA	-
06	2221	AO2	-	SCT029 OVC060	10SM	-	-	-	-	-	-	-	-	4	010	-	0	-	-	-	SP	-
06	2242	AO2	-	BKN029 OVC060	10SM	-	-	-	-	-	-	-	-	4	350	-	0	-	-	-	SP	-
06	2253	AO2	-	OVC029	10SM	-	65	18.3	62	16.7	60	15.6	84	5	350	-	0	29.11	-	207	AA	-
06	2316	AO2	-	SCT029 BKN042	10SM	-	-	-	-	-	-	-	-	4	360	-	0	-	-	-	SP	-
06	2353	AO2	-	FEW015 OVC044	10SM	-	62	16.7	60	15.4	58	14.4	86	6	350	-	0	29.12	-	209	AA	-
07	0053	AO2	-	SCT046 OVC130	10SM	-	60	15.6	58	14.6	57	13.9	90	5	020	-	0	29.11	0	207	AA	-
07	0112	AO2	-	SCT012 BKN025 OVC130	10SM	-	-	-	-	-	-	-	-	5	010	-	0	-	-	-	SP	-
07	0153	AO2	-	BKN013 BKN027 OVC050	10SM	-	60	15.6	58	14.3	56	13.3	86	8	360	-	0	29.12	-	209	AA	-
07	0204	AO2	-	SCT013 OVC050	10SM	-	-	-	-	-	-	-	-	6	360	-	0	-	-	-	SP	-
07	0217	AO2	-	SCT013 BKN024 OVC050	10SM	-	-	-	-	-	-	-	-	7	010	-	0	-	-	-	SP	-
07	0228	AO2	-	BKN011 BKN024 OVC050	10SM	-	-	-	-	-	-	-	-	6	020	-	0	-	-	-	SP	-
07	0253	AO2	-	OVC011	10SM	-	59	15.0	57	14.0	56	13.3	90	7	020	-	0	29.12	-	212	AA	-
07	0329	AO2	-	SCT011 BKN023 OVC050	10SM	-	-	-	-	-	-	-	-	9	030	-	0	-	-	-	SP	-
07	0344	AO2	-	FEW015 SCT023 OVC050	10SM	-	-	-	-	-	-	-	-	8	010	-	0	-	-	-	SP	-
07	0353	AO2	-	FEW015 OVC050	10SM	-	57	13.9	55	12.7	53	11.7	87	7	360	-	0	29.12	0	210	AA	-
07	0453	AO2	-	SCT012 BKN021 OVC050	10SM	-	56	13.3	54	12.4	53	11.7	90	4	360	-	0	29.13	-	213	AA	-
07	0503	AO2	-	BKN010 OVC050	10SM	-	-	-	-	-	-	-	-	6	350	-	0	-	-	-	SP	-
07	0553	AO2	-	OVC012	10SM	-	55	12.8	53	11.9	52	11.1	90	6	350	-	0	29.14	-	217	AA	-
07	0653	AO2	-	OVC012	10SM	-	55	12.8	53	11.6	51	10.6	87	6	350	-	0	29.15	3	222	AA	-
07	0753	AO2	-	OVC014	10SM	-	55	12.8	53	11.6	51	10.6	87	7	350	-	0	29.16	-	225	AA	-
07	0853	AO2	-	OVC012	10SM	-	55	12.8	53	11.6	51	10.6	87	7	010	-	0	29.17	-	230	AA	-

07	0953	AO2	OVC012	10SM	56	13.3	53	11.8	51	10.6	84	9	020	0	29.18	3	234	AA
07	1053	AO2	OVC014	10SM	57	13.9	54	12.4	52	11.1	83	8	010	0	29.19	-	235	AA
07	1153	AO2	OVC014	10SM	58	14.4	55	12.6	52	11.1	81	6	030	0	29.19	-	234	AA
07	1253	AO2	OVC016	10SM	59	15.0	56	13.2	53	11.7	81	5	030	0	29.16	8	226	AA
07	1353	AO2	OVC018	10SM	60	15.6	56	13.1	52	11.1	75	6	350	0	29.15	-	222	AA
07	1453	AO2	OVC020	10SM	59	15.0	55	12.6	51	10.6	75	7	360	0	29.15	-	222	AA
07	1553	AO2	OVC027	10SM	58	14.4	54	12.3	51	10.6	78	10	020	0	29.15	6	223	AA
07	1653	AO2	BKN026 OVC033	10SM	56	13.3	53	11.5	50	10.0	81	10	010	0	29.16	-	227	AA
07	1753	AO2	BKN031 OVC070	10SM	55	12.8	52	11.0	49	9.4	80	11	010	0	29.17	-	232	AA
07	1853	AO2	BKN037 OVC100	10SM	54	12.2	51	10.7	49	9.4	83	11	010	0	29.20	3	239	AA
07	1939	AO2	BKN024 OVC036	10SM	-	-	-	-	-	-	-	10	360	0	-	-	-	SP
07	1953	AO2	SCT024 OVC036	10SM	52	11.1	50	10.0	48	8.9	86	9	360	0	29.21	-	245	AA
07	2053	AO2	BKN028 OVC044	10SM	53	11.7	50	10.3	48	8.9	83	10	010	0	29.21	-	246	AA
07	2153	AO2	BKN028 OVC044	10SM	52	11.1	49	9.7	47	8.3	83	9	030	0	29.23	1	250	AA
07	2253	AO2	BKN024 BKN037 OVC100	10SM	53	11.7	50	10.0	47	8.3	80	11	020	0	29.23	-	253	AA
07	2353	AO2	OVC024	10SM	52	11.1	48	9.1	45	7.2	77	12	030	0	29.24	-	254	AA
08	0053	AO2	OVC030	10SM	52	11.1	48	9.1	45	7.2	77	9	030	0	29.23	0	251	AA
08	0153	AO2	OVC032	10SM	51	10.6	47	8.2	42	5.6	71	11	030	0	29.23	-	250	AA
08	0253	AO2	SCT032	10SM	48	8.9	45	7.1	41	5.0	77	11	030	0	29.24	-	255	AA
08	0320	AO2	BKN022	10SM	-	-	-	-	-	-	-	9	030	0	-	-	-	SP
08	0353	AO2	OVC022	10SM	48	8.9	45	7.1	41	5.0	77	12	020	0	29.24	3	256	AA
08	0442	AO2	SCT022	10SM	-	-	-	-	-	-	-	11	030	0	-	-	-	SP
08	0453	AO2	SCT023	10SM	46	7.8	43	6.2	40	4.4	79	9	030	0	29.25	-	262	AA
08	0553	AO2	SCT023	10SM	45	7.2	43	5.9	40	4.4	83	10	040	0	29.27	-	270	AA
08	0653	AO2	SCT023 SCT250	10SM	43	6.1	41	5.1	39	3.9	86	9	050	0	29.28	1	273	AA
08	0753	AO2	FEW034 SCT250	10SM	45	7.2	43	5.9	40	4.4	83	12	030	0	29.29	-	277	AA
08	0853	AO2	FEW038 SCT250	10SM	49	9.4	45	7.0	40	4.4	71	14	030	0	29.31	-	282	AA
08	0953	AO2	FEW041 SCT250	10SM	52	11.1	47	8.2	41	5.0	66	13	030	0	29.31	1	284	AA
08	1053	AO2	FEW043 SCT250	10SM	54	12.2	48	8.7	41	5.0	62	10	030	0	29.32	-	286	AA
08	1153	AO2	FEW043 SCT250	10SM	58	14.4	50	9.7	41	5.0	54	13	030	0	29.31	-	282	AA
08	1253	AO2	FEW043 SCT250	10SM	59	15.0	48	9.1	37	2.8	44	14	030	0	29.29	8	273	AA
08	1353	AO2	FEW050 SCT250	10SM	60	15.6	48	9.2	36	2.2	41	10	030	0	29.27	-	267	AA
08	1453	AO2	FEW050 SCT250	10SM	61	16.1	49	9.4	36	2.2	39	9	060	0	29.26	-	264	AA
08	1553	AO2	FEW050 SCT250	10SM	61	16.1	48	9.0	34	1.1	36	11	030	0	29.26	6	263	AA
08	1653	AO2	FEW050 SCT100 SCT250	10SM	59	15.0	47	8.5	34	1.1	39	9	010	0	29.27	-	270	AA
08	1753	AO2	FEW100 SCT250	10SM	55	12.8	45	7.4	34	1.1	45	11	010	G 17	29.28	-	275	AA
08	1853	AO2	FEW200	10SM	52	11.1	43	6.0	31	-6	45	12	010	0	29.31	3	285	AA
08	1953	AO2	FEW250	10SM	50	10.0	42	5.4	31	-6	48	9	020	0	29.33	-	292	AA
08	2053	AO2	FEW250	10SM	48	8.9	41	4.8	31	-6	52	9	030	0	29.34	-	294	AA
08	2153	AO2	FEW250	10SM	47	8.3	39	4.1	29	-1.7	50	7	040	0	29.35	1	298	AA
08	2253	AO2	SCT250	10SM	45	7.2	39	3.7	30	-1.1	56	9	040	0	29.35	-	298	AA
08	2353	AO2	SCT025 SCT250	10SM	45	7.2	39	3.7	30	-1.1	56	8	030	0	29.36	-	300	AA
09	0053	AO2	SCT050 SCT250	10SM	43	6.1	38	3.1	30	-1.1	60	7	030	0	29.37	3	304	AA
09	0153	AO2	BKN046	10SM	43	6.1	38	3.3	31	-6	63	7	040	0	29.38	-	308	AA
09	0253	AO2	OVC043	10SM	43	6.1	38	3.3	31	-6	63	7	060	0	29.38	-	307	AA
09	0353	AO2	SCT039	10SM	42	5.6	37	3.0	31	-6	65	8	040	0	29.36	8	301	AA
09	0453	AO2	FEW040	10SM	40	4.4	36	2.4	31	-6	70	8	050	0	29.36	-	303	AA
09	0553	AO2	BKN042	10SM	42	5.6	37	2.8	30	-1.1	62	9	010	0	29.39	-	310	AA
09	0653	AO2	BKN044 BKN250	10SM	42	5.6	37	2.8	30	-1.1	62	7	040	0	29.42	3	321	AA
09	0753	AO2	SCT044	10SM	41	5.0	37	2.7	31	-6	67	7	050	0	29.42	-	323	AA
09	0853	AO2	FEW045 SCT200	10SM	44	6.7	39	3.9	32	.0	63	8	050	0	29.43	-	327	AA
09	0953	AO2	CLR	10SM	47	8.3	41	4.7	32	.0	56	6	060	0	29.43	1	327	AA
09	1053	AO2	CLR	10SM	51	10.6	43	6.3	34	1.1	52	5	020	0	29.43	-	325	AA
09	1153	AO2	CLR	10SM	53	11.7	45	7.3	36	2.2	52	4	VRB	0	29.42	-	320	AA
09	1253	AO2	CLR	10SM	56	13.3	47	8.3	37	2.8	49	5	080	0	29.39	8	310	AA
09	1353	AO2	CLR	10SM	59	15.0	50	9.8	40	4.4	49	5	030	0	29.36	-	301	AA
09	1453	AO2	FEW040 SCT200	10SM	60	15.6	50	10.0	40	4.4	48	6	040	0	29.34	-	295	AA
09	1553	AO2	FEW070 SCT250	10SM	60	15.6	50	10.0	40	4.4	48	5	040	0	29.34	6	292	AA
09	1653	AO2	FEW070 SCT250	10SM	59	15.0	50	9.8	40	4.4	49	6	030	0	29.34	-	293	AA

09	1753	AO2	-	FEW250	10SM	-	56	13.3	48	9.0	40	4.4	55	6	040	-	0	29.34	-	293	AA	-
09	1853	AO2	-	FEW250	10SM	-	54	12.2	47	8.4	40	4.4	59	5	040	-	0	29.33	8	293	AA	-
09	1953	AO2	-	CLR	10SM	-	52	11.1	46	7.7	39	3.9	61	3	030	-	0	29.33	-	291	AA	-
09	2053	AO2	-	FEW250	10SM	-	50	10.0	45	7.3	40	4.4	68	0	000	-	0	29.33	-	292	AA	-
09	2153	AO2	-	CLR	10SM	-	49	9.4	45	7.3	41	5.0	74	0	000	-	0	29.34	3	293	AA	-
09	2253	AO2	-	CLR	9SM	-	46	7.8	43	6.2	40	4.4	79	5	240	-	0	29.34	-	293	AA	-
09	2353	AO2	-	FEW080	10SM	-	43	6.1	42	5.3	40	4.4	89	0	000	-	0	29.34	-	295	AA	-
10	0053	AO2	-	SCT110	10SM	-	45	7.2	43	5.9	40	4.4	83	0	000	-	0	29.33	8	291	AA	-
10	0153	AO2	-	BKN110	9SM	-	42	5.6	41	5.1	40	4.4	92	0	000	-	0	29.34	-	294	AA	-
10	0253	AO2	-	OVC120	8SM	-	43	6.1	42	5.6	41	5.0	93	0	000	-	0	29.35	-	297	AA	-
10	0353	AO2	-	BKN120 OVC180	9SM	-	44	6.7	43	5.9	41	5.0	89	0	000	-	0	29.36	1	299	AA	-
10	0453	AO2	-	SCT110	10SM	-	44	6.7	42	5.6	40	4.4	85	0	000	-	0	29.36	-	300	AA	-
10	0553	AO2	-	FEW110	9SM	-	42	5.6	41	5.1	40	4.4	92	0	000	-	0	29.37	-	304	AA	-
10	0653	AO2	-	FEW110	9SM	-	43	6.1	42	5.3	40	4.4	89	0	000	-	0	29.38	3	308	AA	-
10	0753	AO2	-	FEW110 SCT250	6SM	BR	42	5.6	41	5.1	40	4.4	92	0	000	-	0	29.40	-	314	AA	-
10	0853	AO2	-	SCT110 SCT250	8SM	-	47	8.3	44	6.7	41	5.0	80	0	000	-	0	29.40	-	315	AA	-
10	0953	AO2	-	FEW100 SCT250	10SM	-	51	10.6	45	7.4	39	3.9	64	0	000	-	0	29.39	0	312	AA	-
10	1053	AO2	-	SCT100 BKN250	10SM	-	53	11.7	47	8.2	40	4.4	61	0	000	-	0	29.38	-	308	AA	-
10	1153	AO2	-	BKN100	10SM	-	54	12.2	48	8.7	41	5.0	62	0	000	-	0	29.36	-	302	AA	-
10	1253	AO2	-	BKN100	10SM	-	57	13.9	50	10.0	43	6.1	60	0	000	-	0	29.31	8	283	AA	-
10	1353	AO2	-	FEW100 SCT250	10SM	-	59	15.0	50	10.3	42	5.6	54	3	250	-	0	29.28	-	272	AA	-
10	1453	AO2	-	FEW100 SCT250	10SM	-	61	16.1	52	11.0	43	6.1	52	0	000	-	0	29.26	-	264	AA	-
10	1553	AO2	-	FEW100 SCT250	10SM	-	62	16.7	52	11.2	43	6.1	50	0	000	-	0	29.25	6	258	AA	-
10	1653	AO2	-	FEW075 SCT250	10SM	-	61	16.1	52	11.2	44	6.7	54	0	000	-	0	29.23	-	251	AA	-
10	1753	AO2	-	FEW080	10SM	-	58	14.4	50	10.2	43	6.1	58	0	000	-	0	29.22	-	250	AA	-
10	1853	AO2	-	FEW070	10SM	-	55	12.8	49	9.5	43	6.1	64	0	000	-	0	29.25	5	258	AA	-
10	1953	AO2	-	FEW070	10SM	-	54	12.2	48	8.9	42	5.6	64	0	000	-	0	29.24	-	258	AA	-
10	2053	AO2	-	FEW250	9SM	-	50	10.0	47	8.1	43	6.1	77	4	190	-	0	29.24	-	255	AA	-
10	2153	AO2	-	SCT120 BKN200	10SM	-	51	10.6	47	8.4	43	6.1	74	4	250	-	0	29.25	5	257	AA	-
10	2253	AO2	-	BKN120	10SM	-	50	10.0	48	8.6	45	7.2	83	0	000	-	0	29.23	-	252	AA	-
10	2353	AO2	-	BKN120	10SM	-	50	10.0	47	8.1	43	6.1	77	3	140	-	0	29.22	-	248	AA	-
11	0053	AO2	-	FEW085 BKN110	10SM	-	50	10.0	48	8.6	45	7.2	83	4	220	-	0	29.22	5	248	AA	-
11	0153	AO2	-	OVC070	9SM	-	51	10.6	48	8.7	44	6.7	77	5	280	-	0	29.21	-	246	AA	-
11	0253	AO2	-	OVC060	10SM	-	52	11.1	48	8.6	43	6.1	72	7	250	-	0	29.21	-	244	AA	-
11	0353	AO2	-	OVC060	10SM	-	52	11.1	48	8.6	43	6.1	72	8	270	-	0	29.20	8	240	AA	-
11	0453	AO2	-	OVC060	10SM	-	52	11.1	48	8.6	43	6.1	72	6	260	-	0	29.20	-	240	AA	-
11	0553	AO2	-	OVC055	10SM	-	52	11.1	47	8.4	42	5.6	69	9	270	-	0	29.21	-	244	AA	-
11	0653	AO2	-	OVC055	10SM	-	52	11.1	47	8.4	42	5.6	69	5	250	-	0	29.21	2	244	AA	-
11	0753	AO2	-	OVC055	10SM	-	53	11.7	48	8.7	42	5.6	66	5	270	-	0	29.22	-	248	AA	-
11	0853	AO2	-	BKN060 OVC095	10SM	-	53	11.7	49	9.2	44	6.7	72	7	230	-	0	29.23	-	252	AA	T
11	0953	AO2	-	BKN060 OVC090	10SM	-	54	12.2	49	9.4	44	6.7	69	9	250	-	0	29.23	1	253	AA	-
11	1053	AO2	-	BKN060 BKN100	10SM	-	58	14.4	51	10.7	45	7.2	62	8	230	-	0	29.22	-	248	AA	-
11	1153	AO2	-	SCT060 BKN100	10SM	-	63	17.2	55	13.0	49	9.4	60	11	220	-	0	29.19	-	236	AA	-
11	1253	AO2	-	FEW060 BKN090	10SM	-	66	18.9	58	14.2	51	10.6	59	18	220	G	22	29.16	8	226	AA	-
11	1353	AO2	-	FEW055 BKN090	10SM	-	68	20.0	59	15.2	53	11.7	59	12	250	-	0	29.13	-	215	AA	-
11	1453	AO2	-	SCT065 BKN090	10SM	-	67	19.4	59	15.0	53	11.7	61	9	240	-	0	29.10	-	205	AA	-
11	1553	AO2	-	BKN080	10SM	-	68	20.0	60	15.5	54	12.2	61	11	240	-	0	29.08	6	197	AA	-
11	1653	AO2	-	SCT080	10SM	-	65	18.3	58	14.5	53	11.7	66	9	240	-	0	29.06	-	190	AA	-
11	1753	AO2	-	BKN080	10SM	-	65	18.3	58	14.5	53	11.7	66	9	270	-	0	29.06	-	191	AA	-
11	1853	AO2	-	BKN075	10SM	-	63	17.2	56	13.5	51	10.6	65	6	270	-	0	29.07	5	195	AA	-
11	1953	AO2	-	FEW075	10SM	-	60	15.6	55	12.9	51	10.6	72	4	270	-	0	29.07	-	196	AA	-
11	2053	AO2	-	CLR	10SM	-	59	15.0	54	12.3	50	10.0	72	6	230	-	0	29.06	-	193	AA	-
11	2153	AO2	-	CLR	10SM	-	59	15.0	54	12.3	50	10.0	72	7	250	-	0	29.05	8	189	AA	-
11	2253	AO2	-	CLR	10SM	-	59	15.0	54	12.3	50	10.0	72	8	250	-	0	29.04	-	186	AA	-
11	2353	AO2	-	BKN060	10SM	-	62	16.7	56	13.3	51	10.6	67	9	260	-	0	29.05	-	185	AA	-
12	0053	AO2	-	BKN060	10SM	-	61	16.1	55	13.1	51	10.6	70	8	250	-	0	29.04	6	183	AA	-
12	0153	AO2	-	BKN070	10SM	-	61	16.1	55	13.1	51	10.6	70	11	240	-	0	29.04	-	183	AA	-
12	0253	AO2	-	OVC070	10SM	-	63	17.2	57	13.8	52	11.1	68	10	230	-	0	29.03	-	178	AA	-
12	0353	AO2	-	FEW055 OVC075	10SM	-	64	17.8	57	14.0	52	11.1	65	12	240	-	0	29.02	7	176	AA	-

12	0453	AO2	SCT048 SCT060 OVC080	10SM		65	18.3	59	14.8	54	12.2	68	15	230	-	0	29.02	-	175	AA	-
12	0553	AO2	SCT055 BKN080	10SM		64	17.8	59	14.9	55	12.8	73	15	230	-	0	29.01	-	171	AA	-
12	0653	AO2	FEW048 BKN080	10SM		64	17.8	59	15.2	56	13.3	75	14	240	-	0	29.01	5	172	AA	-
12	0753	AO2	BKN050	10SM		64	17.8	60	15.5	57	13.9	78	11	240	-	0	29.01	-	173	AA	-
12	0853	AO2	SCT050 SCT250	10SM		68	20.0	63	17.0	59	15.0	73	18	230	G	23	29.00	-	170	AA	-
12	0953	AO2	SCT050 SCT250	10SM		70	21.1	64	18.0	61	16.1	73	20	220	G	28	28.99	8	167	AA	-
12	1053	AO2	FEW023 SCT041	10SM		71	21.7	65	18.6	62	16.7	73	21	230	G	27	28.99	-	164	AA	-
12	1153	AO2	SCT025 BKN037 OVC090	10SM		71	21.7	65	18.6	62	16.7	73	22	240	-	0	28.96	-	154	AA	-
12	1206	AO2	BKN028 OVC037	10SM		-	-	-	-	-	-	-	17	230	G	23	-	-	-	SP	-
12	1222	AO2	OVC030	10SM		-	-	-	-	-	-	-	18	230	-	0	-	-	-	SP	-
12	1253	AO2	BKN030	10SM		72	22.2	66	18.8	62	16.7	71	20	240	G	30	28.92	8	142	AA	-
12	1353	AO2	BKN033 OVC041	10SM		72	22.2	66	18.8	62	16.7	71	20	220	-	0	28.91	-	136	AA	-
12	1453	AO2	BKN036 OVC060	10SM		73	22.8	66	18.6	61	16.1	66	25	230	G	34	28.89	-	128	AA	-
12	1553	AO2	BKN043 OVC065	9SM		72	22.2	65	18.4	61	16.1	69	20	220	G	27	28.88	6	123	AA	-
12	1653	AO2	BKN037 BKN044 OVC065	9SM		70	21.1	64	18.0	61	16.1	73	24	230	G	28	28.89	-	127	AA	-
12	1753	AO2	BKN035 OVC120	10SM		69	20.6	64	17.8	61	16.1	76	20	230	G	31	28.90	-	130	AA	-
12	1853	AO2	SCT030 BKN036 OVC100	10SM		69	20.6	64	17.5	60	15.6	73	18	220	-	0	28.90	1	131	AA	-
12	1953	AO2	FEW020 SCT026 OVC034	3SM	-RA BR	66	18.9	64	17.5	62	16.7	87	14	230	-	0	28.91	-	134	AA	.06
12	2035	AO2	FEW020 BKN025 OVC034	6SM	-RA	-	-	-	-	-	-	-	14	240	G	22	-	-	-	SP	-
12	2053	AO2	FEW012 BKN023 OVC034	1SM	+RA BR	65	18.3	64	17.6	63	17.2	93	17	300	G	24	28.93	-	144	AA	.19
12	2103	AO2	FEW005 BKN021 OVC027	2SM	-RA	-	-	-	-	-	-	-	17	290	G	26	-	-	-	SP	-
12	2113	AO2	FEW005 BKN027 OVC045	4SM	-RA	-	-	-	-	-	-	-	13	280	-	0	-	-	-	SP	-
12	2126	AO2	FEW005 SCT027 OVC035	4SM	-RA BR	-	-	-	-	-	-	-	13	270	-	0	-	-	-	SP	-
12	2153	AO2	BKN045 OVC110	7SM	-RA	61	16.1	59	14.8	57	13.9	87	8	250	-	0	28.96	3	154	AA	.06
12	2253	AO2	OVC110	10SM		62	16.7	59	15.1	57	13.9	84	10	240	-	0	28.98	-	162	AA	.01
12	2353	AO2	BKN100	10SM		59	15.0	54	12.3	50	10.0	72	9	260	-	0	29.01	-	172	AA	-
13	0053	AO2	BKN150	10SM		58	14.4	52	11.0	46	7.8	65	7	280	-	0	29.04	3	181	AA	-
13	0153	AO2	SCT150	10SM		56	13.3	47	8.3	37	2.8	49	15	290	G	21	29.06	-	190	AA	-
13	0253	AO2	BKN150	10SM		51	10.6	42	5.5	30	-1.1	45	10	260	-	0	29.10	-	205	AA	-
13	0353	AO2	BKN150	10SM		50	10.0	39	4.1	24	-4.4	36	10	300	-	0	29.13	3	215	AA	-
13	0453	AO2	BKN150	10SM		48	8.9	37	2.8	19	-7.2	32	9	310	-	0	29.17	-	228	AA	-
13	0553	AO2	SCT150	10SM		45	7.2	36	2.0	20	-6.7	37	6	320	-	0	29.19	-	238	AA	-
13	0653	AO2	SCT150	10SM		42	5.6	34	1.4	22	-5.6	45	4	300	-	0	29.22	1	246	AA	-
13	0753	AO2	CLR	10SM		42	5.6	36	2.2	27	-2.8	55	9	280	-	0	29.23	-	253	AA	-
13	0853	AO2	CLR	10SM		43	6.1	36	2.0	24	-4.4	47	12	290	-	0	29.25	-	259	AA	-
13	0953	AO2	FEW250	10SM		44	6.7	35	1.9	21	-6.1	40	13	290	G	18	29.26	3	267	AA	-
13	1053	AO2	FEW250	10SM		45	7.2	35	1.8	19	-7.2	35	11	300	-	0	29.28	-	270	AA	-
13	1153	AO2	CLR	10SM		46	7.8	37	2.6	22	-5.6	38	12	280	-	0	29.27	-	270	AA	-
13	1253	AO2	CLR	10SM		47	8.3	37	2.9	22	-5.6	37	9	260	-	0	29.25	8	260	AA	-
13	1353	AO2	CLR	10SM		48	8.9	37	2.6	18	-7.8	30	8	280	-	0	29.23	-	252	AA	-
13	1453	AO2	CLR	10SM		49	9.4	38	3.0	19	-7.2	31	10	310	-	0	29.23	-	253	AA	-
13	1553	AO2	FEW250	10SM		49	9.4	37	2.8	17	-8.3	28	9	300	-	0	29.24	5	256	AA	-
13	1653	AO2	FEW250	10SM		47	8.3	36	2.2	17	-8.3	30	8	300	-	0	29.25	-	261	AA	-
13	1753	AO2	FEW250	10SM		44	6.7	34	1.4	18	-7.8	35	6	340	-	0	29.25	-	266	AA	-
13	1853	AO2	CLR	10SM		43	6.1	34	.9	17	-8.3	35	5	330	-	0	29.28	3	278	AA	-
13	1953	AO2	CLR	10SM		41	5.0	32	.3	17	-8.3	38	4	VRB	-	0	29.29	-	281	AA	-
13	2053	AO2	CLR	10SM		40	4.4	32	.2	19	-7.2	43	4	330	-	0	29.31	-	287	AA	-
13	2153	AO2	CLR	10SM		37	2.8	31	-6	20	-6.7	50	4	080	-	0	29.31	1	289	AA	-
13	2253	AO2	CLR	10SM		36	2.2	31	-6	22	-5.6	57	3	050	-	0	29.31	-	288	AA	-
13	2353	AO2	CLR	10SM		36	2.2	31	-6	22	-5.6	57	5	030	-	0	29.29	-	281	AA	-
14	0053	AO2	CLR	10SM		36	2.2	31	-8	21	-6.1	55	5	010	-	0	29.29	5	280	AA	-
14	0153	AO2	CLR	10SM		35	1.7	30	-9	22	-5.6	59	6	350	-	0	29.29	-	281	AA	-
14	0253	AO2	CLR	10SM		31	-6	29	-1.8	25	-3.9	79	3	060	-	0	29.29	-	282	AA	-
14	0353	AO2	CLR	10SM		30	-1.1	28	-2.1	25	-3.9	82	3	040	-	0	29.29	8	279	AA	-
14	0453	AO2	CLR	10SM		30	-1.1	29	-1.9	26	-3.3	85	3	030	-	0	29.28	-	278	AA	-
14	0553	AO2	CLR	10SM		28	-2.2	27	-2.8	25	-3.9	88	0	000	-	0	29.28	-	281	AA	-
14	0653	AO2	SCT250	10SM		30	-1.1	28	-2.3	24	-4.4	79	3	040	-	0	29.29	3	282	AA	-
14	0753	AO2	SCT250	10SM		31	-6	29	-1.6	26	-3.3	82	4	060	-	0	29.29	-	284	AA	-
14	0853	AO2	SCT250	10SM		36	2.2	32	.1	26	-3.3	67	7	040	-	0	29.31	-	289	AA	-

14	0953	AO2	-	FEW120 SCT250	10SM	-	40	4.4	34	.9	23	-5.0	51	9	050	-	0	29.32	3	292	AA	-
14	1053	AO2	-	SCT120 BKN250	10SM	-	42	5.6	34	1.2	21	-6.1	43	7	070	-	0	29.32	-	291	AA	-
14	1153	AO2	-	SCT120 BKN250	10SM	-	45	7.2	36	2.1	21	-6.1	39	6	340	-	0	29.32	-	290	AA	-
14	1253	AO2	-	SCT120 BKN250	10SM	-	46	7.8	36	2.3	20	-6.7	35	4	030	-	0	29.29	8	281	AA	-
14	1353	AO2	-	FEW120 BKN250	10SM	-	46	7.8	36	2.3	20	-6.7	35	4	200	-	0	29.26	-	269	AA	-
14	1453	AO2	-	SCT120 BKN250	10SM	-	48	8.9	37	2.9	20	-6.7	33	3	320	-	0	29.25	-	265	AA	-
14	1553	AO2	-	SCT120 BKN250	10SM	-	49	9.4	38	3.0	19	-7.2	31	3	030	-	0	29.24	6	259	AA	-
14	1653	AO2	-	BKN150 BKN250	10SM	-	47	8.3	37	2.6	20	-6.7	34	4	350	-	0	29.22	-	254	AA	-
14	1753	AO2	-	FEW150 SCT250	10SM	-	44	6.7	36	2.0	22	-5.6	41	4	360	-	0	29.21	-	252	AA	-
14	1853	AO2	-	FEW120 SCT250	10SM	-	45	7.2	36	2.4	23	-5.0	42	0	000	-	0	29.19	6	246	AA	-
14	1953	AO2	-	FEW150 BKN250	10SM	-	43	6.1	36	2.4	26	-3.3	51	0	000	-	0	29.19	-	245	AA	-
14	2053	AO2	-	FEW150 BKN250	10SM	-	43	6.1	36	2.2	25	-3.9	49	3	050	-	0	29.17	-	236	AA	-
14	2153	AO2	-	OVC120	10SM	-	44	6.7	36	2.3	24	-4.4	45	0	000	-	0	29.16	8	231	AA	-
14	2253	AO2	-	OVC110	10SM	-	44	6.7	38	3.2	29	-1.7	55	3	360	-	0	29.18	-	238	AA	-
14	2353	AO2	-	SCT085 OVC100	10SM	-	43	6.1	38	3.3	31	-6	63	3	060	-	0	29.16	-	233	AA	-
15	0053	AO2	-	OVC095	10SM	-	44	6.7	37	2.9	27	-2.8	51	3	010	-	0	29.15	8	229	AA	-
15	0153	AO2	-	OVC085	10SM	-	44	6.7	37	2.9	27	-2.8	51	5	040	-	0	29.13	-	221	AA	-
15	0253	AO2	-	OVC065	10SM	-	44	6.7	37	2.9	27	-2.8	51	3	340	-	0	29.14	-	222	AA	-
15	0353	AO2	-	OVC065	10SM	-	45	7.2	38	3.3	28	-2.2	52	4	010	-	0	29.15	5	227	AA	-
15	0453	AO2	-	BKN065 OVC085	10SM	DZ	43	6.1	38	3.5	32	.0	65	5	050	-	0	29.14	-	223	AA	T
15	0553	AO2	-	OVC070	10SM	-RA	43	6.1	38	3.3	31	-6	63	7	040	-	0	29.15	-	226	AA	T
15	0653	AO2	-	BKN060 BKN075 OVC095	10SM	-RA	42	5.6	38	3.2	32	.0	68	8	020	-	0	29.15	3	229	AA	T
15	0753	AO2	-	BKN075 OVC100	10SM	-	42	5.6	38	3.2	32	.0	68	8	030	-	0	29.17	-	236	AA	T
15	0853	AO2	-	OVC070	10SM	-	42	5.6	37	3.0	31	-6	65	6	100	-	0	29.20	-	247	AA	T
15	0953	AO2	-	BKN065 OVC080	10SM	-	43	6.1	38	3.3	31	-6	63	5	040	-	0	29.18	0	238	AA	T
15	1053	AO2	-	BKN070 OVC085	10SM	-RA	44	6.7	39	3.6	31	-6	60	3	020	-	0	29.16	-	231	AA	T
15	1153	AO2	-	SCT065 OVC080	10SM	-	45	7.2	39	3.9	31	-6	58	4	360	-	0	29.13	-	223	AA	-
15	1253	AO2	-	OVC055	10SM	-	45	7.2	39	3.7	30	-1.1	56	0	000	-	0	29.11	8	214	AA	-
15	1353	AO2	-	BKN050 OVC075	10SM	-	46	7.8	39	4.0	30	-1.1	54	3	350	-	0	29.09	-	208	AA	-
15	1453	AO2	-	SCT050 BKN070 OVC095	10SM	-RA	46	7.8	39	4.0	30	-1.1	54	4	360	-	0	29.08	-	206	AA	T
15	1553	AO2	-	FEW040 BKN080 OVC200	10SM	-	47	8.3	40	4.5	31	-6	54	4	020	-	0	29.06	8	196	AA	T
15	1653	AO2	-	FEW040 BKN100 OVC200	10SM	-	46	7.8	40	4.4	32	.0	58	7	060	-	0	29.05	-	195	AA	-
15	1753	AO2	-	FEW050 BKN120 OVC250	10SM	-	46	7.8	40	4.4	32	.0	58	5	050	-	0	29.07	-	200	AA	-
15	1853	AO2	-	BKN060 BKN100 OVC120	10SM	-	46	7.8	40	4.2	31	-6	56	3	020	-	0	29.09	3	207	AA	-
15	1953	AO2	-	SCT060 BKN090 BKN110	10SM	-	46	7.8	40	4.4	32	.0	58	4	060	-	0	29.08	-	203	AA	-
15	2053	AO2	-	OVC100	10SM	-	46	7.8	40	4.2	31	-6	56	5	030	-	0	29.07	-	201	AA	T
15	2153	AO2	-	OVC110	10SM	-	46	7.8	40	4.2	31	-6	56	4	070	-	0	29.07	6	200	AA	T
15	2253	AO2	-	SCT080 OVC110	10SM	-	46	7.8	40	4.4	32	.0	58	6	360	-	0	29.07	-	202	AA	-
15	2353	AO2	-	FEW080 BKN095 OVC110	10SM	-	46	7.8	44	6.8	42	5.6	86	5	010	-	0	29.09	-	206	AA	T
16	0053	AO2	-	FEW065 BKN080 OVC100	10SM	-	46	7.8	44	6.8	42	5.6	86	4	040	-	0	29.09	1	207	AA	-
16	0153	AO2	-	FEW080 BKN090 OVC110	10SM	-	46	7.8	44	6.8	42	5.6	86	3	050	-	0	29.08	-	204	AA	-
16	0253	AO2	-	OVC080	10SM	-RA	46	7.8	45	7.0	43	6.1	89	4	020	-	0	29.09	-	207	AA	T
16	0353	AO2	-	BKN080 OVC095	10SM	-RA	46	7.8	45	7.3	44	6.7	93	5	060	-	0	29.08	8	203	AA	T
16	0453	AO2	-	SCT041 BKN070 OVC095	10SM	DZ	47	8.3	46	7.8	45	7.2	93	5	020	-	0	29.08	-	203	AA	T
16	0553	AO2	-	SCT040 BKN070 OVC110	10SM	-	47	8.3	46	7.8	45	7.2	93	6	040	-	0	29.07	-	201	AA	T
16	0653	AO2	-	BKN036 BKN045 OVC070	10SM	-	47	8.3	46	7.8	45	7.2	93	4	030	-	0	29.08	5	202	AA	-
16	0753	AO2	-	BKN034 OVC090	9SM	-	48	8.9	47	8.1	45	7.2	89	4	030	-	0	29.11	-	212	AA	-
16	0832	AO2	-	FEW015 BKN034 OVC049	2 1/2SM	RA BR	-	-	-	-	-	-	-	4	080	-	0	-	-	-	SP	-
16	0853	AO2	-	BKN032 OVC060	2SM	RA BR	47	8.3	47	8.1	46	7.8	97	3	070	-	0	29.14	-	222	AA	.08
16	0902	AO2	-	BKN026 BKN034 OVC070	2SM	+RA BR	-	-	-	-	-	-	-	3	060	-	0	-	-	-	SP	-
16	0953	AO2	-	BKN026 BKN038 OVC065	2 1/2SM	-RA BR	48	8.9	47	8.6	47	8.3	96	6	120	-	0	29.13	0	220	AA	.11
16	1032	AO2	-	FEW005 BKN022 OVC065	2 1/2SM	-RA BR	-	-	-	-	-	-	-	3	170	-	0	-	-	-	SP	-
16	1053	AO2	-	SCT005 BKN018 OVC060	2 1/2SM	-RA BR	49	9.4	48	9.1	48	8.9	97	0	000	-	0	29.12	-	217	AA	.06
16	1153	AO2	-	SCT005 BKN018 OVC055	3SM	BR	51	10.6	50	10.3	50	10.0	96	8	300	-	0	29.12	-	215	AA	.05
16	1200	AO2	-	BKN003 BKN024 OVC050	4SM	BR	-	-	-	-	-	-	-	9	310	-	0	-	-	-	SP	-
16	1253	AO2	-	FEW003 BKN020 OVC060	4SM	BR	51	10.6	50	10.3	50	10.0	96	3	260	-	0	29.09	8	207	AA	-
16	1328	AO2	-	SCT005 OVC020	4SM	BR	-	-	-	-	-	-	-	0	000	-	0	-	-	-	SP	-
16	1339	AO2	-	BKN005 OVC020	3SM	BR	-	-	-	-	-	-	-	3	220	-	0	-	-	-	SP	-
16	1346	AO2	-	BKN005 OVC020	2SM	BR	-	-	-	-	-	-	-	4	230	-	0	-	-	-	SP	-

16	1353	AO2	BKN005 OVC020	2SM	BR	52	11.1	51	10.5	50	10.0	93	4	220	-	0	29.10	-	208	AA	-
16	1453	AO2	BKN005 OVC021	2SM	BR	54	12.2	53	11.6	52	11.1	93	3	VRB	-	0	29.08	-	203	AA	-
16	1553	AO2	SCT005 OVC021	3SM	-RA BR	54	12.2	53	11.9	53	11.7	97	0	000	-	0	29.08	8	203	AA	T
16	1603	AO2	SCT005 OVC021	2SM	-RA BR	-	-	-	-	-	-	-	3	300	-	0	-	-	-	SP	-
16	1630	AO2	BKN005 BKN021 OVC028	2SM	BR	-	-	-	-	-	-	-	0	000	-	0	-	-	-	SP	-
16	1653	AO2	OVC005	2SM	BR	54	12.2	53	11.9	53	11.7	97	3	350	-	0	29.08	-	202	AA	.02
16	1731	AO2	BKN005 OVC017	1 3/4SM	-RA BR	-	-	-	-	-	-	-	0	000	-	0	-	-	-	SP	-
16	1753	AO2	BKN005 OVC019	1 3/4SM	-RA BR	54	12.2	53	11.9	53	11.7	97	3	010	-	0	29.09	-	203	AA	.01
16	1853	AO2	OVC005	2SM	-RA BR	54	12.2	53	11.9	53	11.7	97	0	000	-	0	29.10	3	208	AA	.01
16	1904	AO2	OVC005	1 1/2SM	RA BR	-	-	-	-	-	-	-	0	000	-	0	-	-	-	SP	-
16	1953	AO2	OVC005	1 1/2SM	-RA BR	54	12.2	53	11.9	53	11.7	97	0	000	-	0	29.11	-	211	AA	.03
16	2053	AO2	SCT002 OVC005	1 1/2SM	BR	54	12.2	54	12.2	54	12.2	100	3	060	-	0	29.11	-	210	AA	T
16	2153	AO2	FEW002 BKN005 OVC021	1 1/2SM	-RA BR	54	12.2	54	12.2	54	12.2	100	0	000	-	0	29.11	1	212	AA	T
16	2242	AO2	BKN002 OVC019	1 1/2SM	BR	-	-	-	-	-	-	-	4	020	-	0	-	-	-	SP	-
16	2253	AO2	SCT002 BKN019 OVC027	1 1/2SM	BR	54	12.2	54	12.2	54	12.2	100	0	000	-	0	29.11	-	213	AA	T
16	2340	AO2	FEW006 BKN018 OVC034	2SM	BR	-	-	-	-	-	-	-	3	360	-	0	-	-	-	SP	-
16	2353	AO2	BKN006 BKN018 OVC034	2SM	BR	54	12.2	54	12.2	54	12.2	100	3	360	-	0	29.12	-	214	AA	.01
17	0013	AO2	FEW001 OVC006	3SM	BR	-	-	-	-	-	-	-	3	020	-	0	-	-	-	SP	-
17	0031	AO2	SCT001 OVC006	2 1/2SM	BR	-	-	-	-	-	-	-	4	020	-	0	-	-	-	SP	-
17	0039	AO2	BKN001 OVC005	2SM	BR	-	-	-	-	-	-	-	4	020	-	0	-	-	-	SP	-
17	0053	AO2	BKN001 OVC005	1 1/2SM	BR	54	12.2	54	12.2	54	12.2	100	4	010	-	0	29.12	1	214	AA	-
17	0153	AO2	OVC003	1 1/2SM	-RA BR	54	12.2	54	12.2	54	12.2	100	3	040	-	0	29.11	-	212	AA	.01
17	0218	AO2	OVC005	1 1/2SM	-RA BR	-	-	-	-	-	-	-	4	050	-	0	-	-	-	SP	-
17	0253	AO2	BKN005 OVC008	1 1/2SM	BR	54	12.2	54	12.2	54	12.2	100	3	080	-	0	29.11	-	212	AA	.01
17	0305	AO2	BKN003 OVC008	1 1/2SM	BR	-	-	-	-	-	-	-	3	070	-	0	-	-	-	SP	-
17	0353	AO2	OVC003	1 1/2SM	BR	55	12.8	54	12.5	54	12.2	96	0	000	-	0	29.12	3	215	AA	-
17	0410	AO2	OVC005	1 1/2SM	BR	-	-	-	-	-	-	-	0	000	-	0	-	-	-	SP	-
17	0427	AO2	BKN002 OVC005	1 1/2SM	BR	-	-	-	-	-	-	-	3	050	-	0	-	-	-	SP	-
17	0453	AO2	BKN002 OVC006	1 1/2SM	BR	54	12.2	54	12.2	54	12.2	100	4	050	-	0	29.13	-	217	AA	-
17	0553	AO2	OVC002	1 1/2SM	BR	55	12.8	54	12.5	54	12.2	96	3	040	-	0	29.14	-	219	AA	-
17	0653	AO2	OVC002	1 3/4SM	BR	55	12.8	54	12.5	54	12.2	96	5	040	-	0	29.15	3	224	AA	-
17	0717	AO2	OVC002	1SM	BR	-	-	-	-	-	-	-	4	010	-	0	-	-	-	SP	-
17	0753	AO2	OVC002	1SM	BR	55	12.8	55	12.8	55	12.8	100	6	050	-	0	29.15	-	224	AA	-
17	0853	AO2	SCT002 OVC004	1SM	BR	57	13.9	56	13.6	56	13.3	96	4	070	-	0	29.17	-	228	AA	-
17	0925	AO2	OVC004	2SM	BR	-	-	-	-	-	-	-	4	360	-	0	-	-	-	SP	-
17	0953	AO2	OVC002	2SM	BR	57	13.9	56	13.6	56	13.3	96	4	020	-	0	29.17	3	230	AA	-
17	1053	AO2	OVC002	2SM	BR	60	15.6	59	14.9	58	14.4	93	5	030	-	0	29.16	-	228	AA	-
17	1153	AO2	OVC002	2SM	BR	60	15.6	59	14.9	58	14.4	93	3	360	-	0	29.15	-	221	AA	-
17	1253	AO2	BKN004 OVC038	3SM	BR	62	16.7	60	15.7	59	15.0	90	3	350	-	0	29.11	8	210	AA	-
17	1318	AO2	SCT004 OVC007	3SM	BR	-	-	-	-	-	-	-	4	330	-	0	-	-	-	SP	-
17	1353	AO2	BKN007 BKN047	5SM	BR	63	17.2	61	16.2	60	15.6	90	4	340	-	0	29.09	-	202	AA	-
17	1422	AO2	SCT007 BKN037 OVC250	8SM	-	-	-	-	-	-	-	-	5	350	-	0	-	-	-	SP	-
17	1453	AO2	FEW007 SCT037 OVC250	7SM	-	64	17.8	62	16.5	60	15.6	87	4	350	-	0	29.08	-	200	AA	-
17	1553	AO2	FEW040 OVC250	6SM	BR	64	17.8	62	16.5	60	15.6	87	0	000	-	0	29.07	6	195	AA	-
17	1643	AO2	BKN015 OVC250	6SM	BR	-	-	-	-	-	-	-	3	320	-	0	-	-	-	SP	-
17	1653	AO2	BKN015 OVC250	6SM	BR	63	17.2	61	16.2	60	15.6	90	3	330	-	0	29.08	-	197	AA	-
17	1753	AO2	BKN019 OVC250	5SM	BR	62	16.7	60	15.7	59	15.0	90	5	050	-	0	29.07	-	195	AA	-
17	1821	AO2	FEW019 BKN055	5SM	BR	-	-	-	-	-	-	-	5	050	-	0	-	-	-	SP	-
17	1853	AO2	FEW020 SCT055	5SM	BR	60	15.6	59	14.9	58	14.4	93	3	010	-	0	29.08	3	200	AA	-
17	1953	AO2	FEW020	4SM	BR	59	15.0	58	14.7	58	14.4	96	4	030	-	0	29.09	-	201	AA	-
17	2037	AO2	FEW020 OVC250	2SM	BR	-	-	-	-	-	-	-	4	060	-	0	-	-	-	SP	-
17	2053	AO2	FEW020 OVC250	2SM	BR	58	14.4	57	14.1	57	13.9	97	3	050	-	0	29.06	-	193	AA	-
17	2153	AO2	SCT060	3SM	BR	57	13.9	57	13.9	57	13.9	100	4	060	-	0	29.05	8	190	AA	-
17	2219	AO2	FEW001 SCT060	2SM	BR	-	-	-	-	-	-	-	4	050	-	0	-	-	-	SP	-
17	2253	AO2	BKN001	1 1/4SM	BR	56	13.3	55	13.0	55	12.8	97	0	000	-	0	29.03	-	182	AA	-
17	2312	AO2	SCT001	1 1/2SM	BR	-	-	-	-	-	-	-	0	000	-	0	-	-	-	SP	-
17	2353	AO2	SCT001 BKN150	1 1/2SM	BR	54	12.2	54	12.2	54	12.2	100	0	000	-	0	29.00	-	173	AA	-
18	0013	AO2	BKN001 BKN150	1SM	BR	-	-	-	-	-	-	-	3	340	-	0	-	-	-	SP	-
18	0053	AO2	SCT001 BKN150	1 1/2SM	BR	57	13.9	57	13.9	57	13.9	100	4	010	-	0	29.00	6	171	AA	-

18	0135	AO2	BKN001 BKN050	1 1/4SM	BR	-	-	-	-	-	0	000	-	0	-	-	-	SP	-		
18	0153	AO2	BKN001 BKN050	3/4SM	BR	55	12.8	55	12.8	55	12.8	100	3	340	-	0	28.98	-	164	AA	-
18	0216	AO2	VV001	1/4SM	FG	-	-	-	-	-	-	3	010	-	0	-	-	-	-	SP	-
18	0253	AO2	VV001	1/4SM	FG	55	12.8	55	12.8	55	12.8	100	0	000	-	0	28.97	-	162	AA	-
18	0329	AO2	VV001	1/2SM	FG	-	-	-	-	-	-	0	000	-	0	-	-	-	-	SP	-
18	0353	AO2	BKN001	1/2SM	FG	54	12.2	53	11.9	53	11.7	97	4	080	-	0	28.97	6	160	AA	-
18	0424	AO2	VV001	1/4SM	FG	-	-	-	-	-	-	0	000	-	0	-	-	-	-	SP	-
18	0453	AO2	VV001	1/4SM	FG	53	11.7	53	11.7	53	11.7	100	3	250	-	0	28.97	-	161	AA	-
18	0507	AO2	BKN001 BKN007	1/2SM	FG	-	-	-	-	-	-	0	000	-	0	-	-	-	-	SP	-
18	0522	AO2	FEW001 BKN180	3SM	BR	-	-	-	-	-	-	0	000	-	0	-	-	-	-	SP	-
18	0553	AO2	FEW055 OVC180	7SM	-	53	11.7	53	11.7	53	11.7	100	4	080	-	0	28.94	-	152	AA	-
18	0653	AO2	SCT055 BKN180	10SM	-	66	18.9	59	15.0	54	12.2	65	10	170	G	18	28.94	8	151	AA	-
18	0753	AO2	SCT055 SCT100 OVC250	10SM	-	68	20.0	60	15.5	54	12.2	61	14	190	-	0	28.94	-	149	AA	-
18	0853	AO2	FEW070 SCT150 BKN250	10SM	-	70	21.1	61	16.2	55	12.8	59	13	180	-	0	28.93	-	146	AA	-
18	0953	AO2	BKN065 BKN150 OVC250	10SM	-	72	22.2	62	16.9	56	13.3	57	16	190	G	21	28.92	8	143	AA	-
18	1053	AO2	FEW070 OVC250	10SM	-	73	22.8	63	17.1	56	13.3	55	18	180	G	23	28.91	-	135	AA	-
18	1153	AO2	BKN070 BKN250	10SM	-	75	23.9	64	17.8	57	13.9	54	19	170	G	23	28.86	-	117	AA	-
18	1253	AO2	FEW070 BKN090 OVC250	10SM	-	74	23.3	64	17.9	58	14.4	57	18	190	G	25	28.81	8	099	AA	-
18	1353	AO2	SCT048 BKN065 BKN095	10SM	-	75	23.9	65	18.1	58	14.4	55	21	190	G	27	28.77	-	088	AA	-
18	1453	AO2	SCT049 BKN090 OVC250	10SM	-	74	23.3	64	17.9	58	14.4	57	21	190	G	34	28.73	-	075	AA	-
18	1553	AO2	FEW025 BKN070 OVC150	10SM	-	74	23.3	64	17.8	58	14.4	57	12	190	G	20	28.70	6	064	AA	-
18	1653	AO2	FEW025 BKN070 OVC120	10SM	-	71	21.7	63	17.3	58	14.4	63	15	170	G	22	28.68	-	057	AA	T
18	1753	AO2	FEW025 BKN050 OVC070	2SM	+RA BR	66	18.9	64	17.5	62	16.7	87	19	250	G	23	28.74	-	081	AA	.11
18	1803	AO2	FEW014 BKN027 OVC080	2 1/2SM	+RA BR	-	-	-	-	-	-	-	17	250	G	20	-	-	-	SP	-
18	1830	AO2	FEW009 BKN017 OVC045	3SM	RA BR	-	-	-	-	-	-	-	16	240	-	0	-	-	-	SP	-
18	1853	AO2	SCT009 BKN017 OVC045	3SM	+RA BR	62	16.7	61	16.0	60	15.6	93	10	210	-	0	28.81	3	100	AA	.27
18	1953	AO2	SCT009 BKN015 OVC055	3SM	RA BR	61	16.1	60	15.5	59	15.0	93	8	160	-	0	28.78	-	091	AA	.14
18	2008	AO2	SCT015 BKN038 OVC070	6SM	-RA BR	-	-	-	-	-	-	-	10	160	-	0	-	-	-	SP	-
18	2053	AO2	SCT015 BKN038 OVC070	5SM	RA BR	60	15.6	59	15.2	59	15.0	96	4	120	-	0	28.76	-	083	AA	.08
18	2153	AO2	FEW035 BKN060 OVC090	9SM	-RA	61	16.1	60	15.5	59	15.0	93	6	120	-	0	28.73	8	072	AA	.12
18	2253	AO2	SCT019 BKN028 OVC044	3SM	+RA BR	60	15.6	59	15.2	59	15.0	96	4	130	-	0	28.71	-	067	AA	.18
18	2302	AO2	SCT021 BKN036 OVC060	4SM	RA BR	-	-	-	-	-	-	-	4	090	-	0	-	-	-	SP	-
18	2353	AO2	BKN039 BKN048 OVC055	2 1/2SM	+RA BR	60	15.6	59	15.2	59	15.0	96	3	080	-	0	28.65	-	045	AA	.15
19	0053	AO2	FEW002 BKN055 OVC095	10SM	RA	61	16.1	59	15.1	58	14.4	90	8	060	-	0	28.60	8	029	AA	T
19	0130	AO2	FEW015 BKN041 OVC050	2SM	+RA BR	-	-	-	-	-	-	-	8	040	-	0	-	-	-	SP	-
19	0141	AO2	FEW019 BKN039 OVC046	4SM	RA BR	-	-	-	-	-	-	-	7	020	-	0	-	-	-	SP	-
19	0153	AO2	FEW017 BKN038 OVC045	3SM	+RA BR	59	15.0	59	15.0	59	15.0	100	6	030	-	0	28.57	-	017	AA	.18
19	0204	AO2	SCT005 BKN022 OVC045	5SM	RA BR	-	-	-	-	-	-	-	10	290	-	0	-	-	-	SP	-
19	0211	AO2	BKN005 BKN019 OVC045	2 1/2SM	+RA BR	-	-	-	-	-	-	-	6	300	-	0	-	-	-	SP	-
19	0234	AO2	SCT005 BKN012 OVC029	1 1/2SM	+RA BR	-	-	-	-	-	-	-	4	350	-	0	-	-	-	SP	-
19	0245	AO2	BKN012 BKN021 OVC031	3SM	RA BR	-	-	-	-	-	-	-	0	000	-	0	-	-	-	SP	-
19	0253	AO2	FEW012 BKN019 OVC031	5SM	-RA BR	60	15.6	59	15.2	59	15.0	96	6	320	-	0	28.57	-	019	AA	.28
19	0344	AO2	BKN005 OVC021	9SM	-RA	-	-	-	-	-	-	-	4	280	-	0	-	-	-	SP	-
19	0353	AO2	BKN005 OVC021	10SM	-RA	60	15.6	59	15.2	59	15.0	96	0	000	-	0	28.56	6	016	AA	.02
19	0453	AO2	BKN003 OVC018	5SM	-RA BR	59	15.0	59	15.0	59	15.0	100	3	190	-	0	28.57	-	020	AA	.04
19	0529	AO2	SCT005 OVC014	7SM	-	-	-	-	-	-	-	-	0	000	-	0	-	-	-	SP	-
19	0553	AO2	BKN012 BKN018 OVC046	10SM	-	60	15.6	59	15.2	59	15.0	96	4	210	-	0	28.57	-	021	AA	.01
19	0629	AO2	BKN007 BKN016 OVC060	6SM	-RA BR	-	-	-	-	-	-	-	4	210	-	0	-	-	-	SP	-
19	0653	AO2	OVC005	10SM	-	60	15.6	59	15.2	59	15.0	96	3	210	-	0	28.57	0	019	AA	.03
19	0753	AO2	BKN003 OVC008	3SM	BR	60	15.6	59	15.2	59	15.0	96	6	220	-	0	28.58	-	023	AA	-
19	0828	AO2	SCT005 BKN009	7SM	-	-	-	-	-	-	-	-	10	240	-	0	-	-	-	SP	-
19	0843	AO2	SCT011 SCT060 BKN095	7SM	-	-	-	-	-	-	-	-	9	230	-	0	-	-	-	SP	-
19	0853	AO2	SCT011 SCT060 BKN095	7SM	-	62	16.7	61	16.0	60	15.6	93	10	240	-	0	28.59	-	027	AA	-
19	0904	AO2	BKN010 BKN060 BKN100	10SM	-	-	-	-	-	-	-	-	9	250	-	0	-	-	-	SP	-
19	0923	AO2	BKN008 BKN022	10SM	-	-	-	-	-	-	-	-	10	250	-	0	-	-	-	SP	-
19	0942	AO2	SCT008 BKN021CB BKN033	10SM	-TSRA	-	-	-	-	-	-	-	11	270	-	0	-	-	-	SP	-
19	0953	AO2	SCT008 BKN017CB OVC033	4SM	-TSRA BR	60	15.6	59	14.9	58	14.4	93	9	260	-	0	28.60	1	030	AA	.05
19	1040	AO2	SCT013 BKN027CB OVC060	1 1/2SM	TSRA BR	-	-	-	-	-	-	-	13	270	-	0	-	-	-	SP	-
19	1044	AO2	SCT013 BKN039CB OVC070	4SM	-TSRA BR	-	-	-	-	-	-	-	9	260	-	0	-	-	-	SP	-

19	1053	AO2	-	SCT013 BKN039CB OVC070	7SM	-	TSRA	58	14.4	56	13.2	54	12.2	87	7	280	-	0	28.62	-	038	AA	-
19	1115	AO2	-	SCT047 SCT070 BKN095	10SM	-		-	-	-	-	-	-	-	9	240	-	0	-	-	SP	-	
19	1145	AO2	-	SCT009 BKN017 OVC030	2 1/2SM	RA BR		-	-	-	-	-	-	-	10	280	-	0	-	-	SP	-	
19	1153	AO2	-	FEW007 BKN011 OVC030	2SM	+RA BR		58	14.4	57	13.8	56	13.3	93	10	260	-	0	28.64	-	046	AA	.03
19	1218	AO2	-	SCT009 BKN017 OVC028	4SM	-RA BR		18	-	-	-	-	-	-	14	280	G	18	-	-	SP	-	
19	1253	AO2	-	FEW009 BKN032 OVC045	6SM	-RA BR		57	13.9	55	13.0	54	12.2	90	13	250	-	0	28.66	1	050	AA	.05
19	1353	AO2	-	SCT012 BKN034 OVC043	10SM	-		57	13.9	55	13.0	54	12.2	90	7	290	-	0	28.68	-	060	AA	T
19	1357	AO2	-	SCT009 BKN021 OVC034	2 1/2SM	-RA BR		-	-	-	-	-	-	-	7	300	-	0	-	-	SP	-	
19	1411	AO2	-	SCT009 BKN014 OVC023	3SM	-RA BR		-	-	-	-	-	-	-	8	320	-	0	-	-	SP	-	
19	1453	AO2	-	SCT028 BKN080 OVC120	10SM	-		56	13.3	53	11.8	51	10.6	84	5	330	-	0	28.71	-	069	AA	T
19	1553	AO2	-	FEW028 SCT110	10SM	-		59	15.0	53	11.5	47	8.3	64	7	330	-	0	28.74	3	080	AA	-
19	1653	AO2	-	FEW037	10SM	-		57	13.9	51	10.7	46	7.8	67	3	300	-	0	28.77	-	092	AA	-
19	1753	AO2	-	FEW039	10SM	-		56	13.3	49	9.4	42	5.6	60	5	290	-	0	28.81	-	104	AA	-
19	1853	AO2	-	CLR	10SM	-		49	9.4	46	7.6	42	5.6	77	8	230	-	0	28.85	3	120	AA	-
19	1953	AO2	-	CLR	10SM	-		49	9.4	45	7.0	40	4.4	71	8	240	-	0	28.89	-	133	AA	-
19	2053	AO2	-	CLR	10SM	-		50	10.0	44	6.7	37	2.8	61	11	260	-	0	28.91	-	141	AA	-
19	2153	AO2	-	CLR	10SM	-		48	8.9	43	5.9	36	2.2	63	7	240	-	0	28.94	1	152	AA	-
19	2253	AO2	-	CLR	10SM	-		45	7.2	41	4.8	35	1.7	68	6	240	-	0	28.95	-	156	AA	-
19	2353	AO2	-	CLR	10SM	-		46	7.8	41	5.1	35	1.7	66	5	200	-	0	28.95	-	156	AA	-
20	0053	AO2	-	CLR	10SM	-		45	7.2	40	4.5	34	1.1	66	4	190	-	0	28.95	1	156	AA	-
20	0153	AO2	-	CLR	10SM	-		45	7.2	40	4.5	34	1.1	66	4	220	-	0	28.94	-	155	AA	-
20	0253	AO2	-	CLR	10SM	-		42	5.6	39	3.9	35	1.7	76	8	240	-	0	28.95	-	156	AA	-
20	0353	AO2	-	CLR	10SM	-		42	5.6	39	3.9	35	1.7	76	3	160	-	0	28.96	3	159	AA	-
20	0453	AO2	-	CLR	10SM	-		40	4.4	38	3.4	36	2.2	86	6	220	-	0	28.98	-	168	AA	-
20	0553	AO2	-	CLR	10SM	-		41	5.0	39	3.8	36	2.2	82	0	000	-	0	29.01	-	177	AA	-
20	0653	AO2	-	CLR	10SM	-		40	4.4	39	3.7	37	2.8	89	3	200	-	0	29.03	3	188	AA	-
20	0753	AO2	-	CLR	10SM	-		39	3.9	38	3.4	37	2.8	93	3	230	-	0	29.06	-	196	AA	-
20	0853	AO2	-	CLR	10SM	-		45	7.2	42	5.7	39	3.9	80	0	000	-	0	29.07	-	200	AA	-
20	0953	AO2	-	CLR	10SM	-		51	10.6	46	7.6	40	4.4	66	7	250	-	0	29.08	1	203	AA	-
20	1053	AO2	-	CLR	10SM	-		54	12.2	48	8.7	41	5.0	62	4	VRB	-	0	29.09	-	204	AA	-
20	1153	AO2	-	CLR	10SM	-		57	13.9	49	9.7	42	5.6	58	3	230	-	0	29.07	-	199	AA	-
20	1253	AO2	-	CLR	10SM	-		60	15.6	50	9.8	39	3.9	46	5	220	-	0	29.06	8	194	AA	-
20	1353	AO2	-	CLR	10SM	-		62	16.7	50	9.9	37	2.8	40	0	000	-	0	29.04	-	188	AA	-
20	1453	AO2	-	FEW250	10SM	-		64	17.8	51	10.4	37	2.8	37	0	000	-	0	29.03	-	183	AA	-
20	1553	AO2	-	FEW250	10SM	-		64	17.8	51	10.6	38	3.3	38	0	000	-	0	29.02	6	181	AA	-
20	1653	AO2	-	FEW250	10SM	-		63	17.2	51	10.3	38	3.3	40	0	000	-	0	29.02	-	182	AA	-
20	1753	AO2	-	FEW250	10SM	-		56	13.3	48	8.7	39	3.9	53	5	320	-	0	29.03	-	185	AA	-
20	1853	AO2	-	FEW250	10SM	-		55	12.8	47	8.3	38	3.3	53	3	340	-	0	29.04	3	188	AA	-
20	1953	AO2	-	CLR	10SM	-		54	12.2	47	8.2	39	3.9	57	0	000	-	0	29.04	-	190	AA	-
20	2053	AO2	-	FEW250	10SM	-		51	10.6	46	7.6	40	4.4	66	0	000	-	0	29.04	-	190	AA	-
20	2141	AO2	-	SCT002	10SM	-		-	-	-	-	-	-	-	0	000	-	0	-	-	SP	-	
20	2153	AO2	-	SCT002	10SM	-		48	8.9	44	6.8	40	4.4	74	0	000	-	0	29.04	0	188	AA	-
20	2253	AO2	-	CLR	10SM	-		47	8.3	44	6.5	40	4.4	77	0	000	-	0	29.04	-	189	AA	-
20	2353	AO2	-	CLR	10SM	-		45	7.2	43	5.9	40	4.4	83	0	000	-	0	29.05	-	190	AA	-
21	0053	AO2	-	CLR	10SM	-		44	6.7	42	5.4	39	3.9	83	0	000	-	0	29.05	1	190	AA	-
21	0153	AO2	-	CLR	10SM	-		43	6.1	41	4.8	38	3.3	82	0	000	-	0	29.06	-	193	AA	-
21	0253	AO2	-	CLR	10SM	-		39	3.9	38	3.4	37	2.8	93	0	000	-	0	29.07	-	197	AA	-
21	0353	AO2	-	CLR	10SM	-		40	4.4	39	3.7	37	2.8	89	4	030	-	0	29.08	3	200	AA	-
21	0453	AO2	-	CLR	10SM	-		39	3.9	38	3.4	37	2.8	93	0	000	-	0	29.09	-	203	AA	-
21	0553	AO2	-	CLR	10SM	-		38	3.3	37	2.8	36	2.2	93	0	000	-	0	29.10	-	211	AA	-
21	0653	AO2	-	CLR	10SM	-		38	3.3	37	2.8	36	2.2	93	0	000	-	0	29.12	3	215	AA	-
21	0753	AO2	-	CLR	10SM	-		39	3.9	38	3.4	37	2.8	93	0	000	-	0	29.13	-	219	AA	-
21	0853	AO2	-	CLR	10SM	-		44	6.7	42	5.6	40	4.4	85	0	000	-	0	29.14	-	223	AA	-
21	0953	AO2	-	FEW250	10SM	-		48	8.9	45	7.3	42	5.6	80	0	000	-	0	29.14	1	225	AA	-
21	1053	AO2	-	SCT250	10SM	-		53	11.7	48	8.7	42	5.6	66	0	000	-	0	29.14	-	221	AA	-
21	1153	AO2	-	SCT250	10SM	-		59	15.0	51	10.7	44	6.7	58	0	000	-	0	29.11	-	212	AA	-
21	1253	AO2	-	SCT250	10SM	-		62	16.7	52	11.2	43	6.1	50	0	000	-	0	29.08	8	201	AA	-
21	1353	AO2	-	SCT250	10SM	-		67	19.4	55	12.9	45	7.2	45	5	230	-	0	29.05	-	191	AA	-
21	1453	AO2	-	SCT250	10SM	-		68	20.0	55	12.9	44	6.7	42	7	230	-	0	29.03	-	184	AA	-

21	1553	AO2	SCT250	10SM	-	68	20.0	55	12.6	43	6.1	41	7	240	-	0	29.01	6	178	AA	-
21	1653	AO2	SCT200	10SM	-	65	18.3	54	12.2	44	6.7	47	4	250	-	0	29.00	-	175	AA	-
21	1753	AO2	SCT200	10SM	-	64	17.8	53	11.5	42	5.6	45	3	280	-	0	29.01	-	176	AA	-
21	1853	AO2	SCT200	10SM	-	60	15.6	51	10.5	42	5.6	52	3	150	-	0	29.02	3	180	AA	-
21	1953	AO2	SCT200	10SM	-	57	13.9	49	9.7	42	5.6	58	0	000	-	0	29.03	-	185	AA	-
21	2053	AO2	FEW200	10SM	-	55	12.8	49	9.2	42	5.6	62	0	000	-	0	29.03	-	184	AA	-
21	2153	AO2	FEW200	10SM	-	50	10.0	46	7.9	42	5.6	74	0	000	-	0	29.03	1	184	AA	-
21	2253	AO2	CLR	8SM	-	51	10.6	47	8.2	42	5.6	71	3	260	-	0	29.02	-	181	AA	-
21	2353	AO2	CLR	10SM	-	47	8.3	45	7.0	42	5.6	83	0	000	-	0	29.02	-	182	AA	-
22	0053	AO2	CLR	10SM	-	47	8.3	44	6.7	41	5.0	80	3	050	-	0	29.03	3	184	AA	-
22	0153	AO2	CLR	10SM	-	43	6.1	42	5.3	40	4.4	89	3	060	-	0	29.04	-	188	AA	-
22	0253	AO2	CLR	10SM	-	40	4.4	39	3.9	38	3.3	93	3	030	-	0	29.06	-	192	AA	-
22	0353	AO2	CLR	10SM	-	40	4.4	40	4.2	39	3.9	97	0	000	-	0	29.06	0	192	AA	-
22	0453	AO2	CLR	10SM	-	40	4.4	39	3.9	38	3.3	93	0	000	-	0	29.07	-	198	AA	-
22	0553	AO2	CLR	10SM	-	41	5.0	40	4.5	39	3.9	93	0	000	-	0	29.08	-	201	AA	-
22	0653	AO2	SCT250	10SM	-	40	4.4	40	4.2	39	3.9	97	0	000	-	0	29.09	1	206	AA	-
22	0753	AO2	SCT250	10SM	-	40	4.4	39	3.7	37	2.8	89	0	000	-	0	29.11	-	213	AA	-
22	0853	AO2	FEW060	10SM	-	45	7.2	44	6.4	42	5.6	90	3	030	-	0	29.12	-	217	AA	-
22	0953	AO2	CLR	10SM	-	50	10.0	47	8.4	44	6.7	80	0	000	-	0	29.12	0	217	AA	-
22	1053	AO2	CLR	10SM	-	57	13.9	51	10.7	46	7.8	67	3	220	-	0	29.11	-	210	AA	-
22	1153	AO2	CLR	10SM	-	65	18.3	58	14.2	52	11.1	63	8	220	-	0	29.09	-	202	AA	-
22	1253	AO2	FEW050	10SM	-	66	18.9	58	14.5	52	11.1	61	7	210	-	0	29.05	8	189	AA	-
22	1353	AO2	FEW035	10SM	-	67	19.4	58	14.4	51	10.6	57	6	260	-	0	29.03	-	182	AA	-
22	1453	AO2	CLR	10SM	-	68	20.0	58	14.7	51	10.6	55	7	250	-	0	29.02	-	178	AA	-
22	1553	AO2	FEW250	10SM	-	68	20.0	58	14.7	51	10.6	55	6	240	-	0	29.01	6	176	AA	-
22	1653	AO2	FEW250	10SM	-	65	18.3	57	14.0	51	10.6	61	3	260	-	0	29.00	-	175	AA	-
22	1753	AO2	FEW250	10SM	-	62	16.7	55	13.0	50	10.0	65	0	000	-	0	29.01	-	176	AA	-
22	1853	AO2	FEW250	10SM	-	59	15.0	54	12.0	49	9.4	69	3	070	-	0	29.02	3	180	AA	-
22	1953	AO2	CLR	10SM	-	56	13.3	52	11.2	49	9.4	77	0	000	-	0	29.02	-	181	AA	-
22	2053	AO2	CLR	10SM	-	54	12.2	51	10.5	48	8.9	80	0	000	-	0	29.02	-	182	AA	-
22	2153	AO2	FEW250	10SM	-	53	11.7	50	10.2	48	8.9	83	4	250	-	0	29.03	3	186	AA	-
22	2253	AO2	FEW250	8SM	-	50	10.0	48	9.1	47	8.3	89	0	000	-	0	29.04	-	185	AA	-
22	2353	AO2	CLR	6SM	BR	47	8.3	46	7.8	45	7.2	93	0	000	-	0	29.03	-	183	AA	-
23	0053	AO2	CLR	7SM	-	49	9.4	48	8.8	47	8.3	93	0	000	-	0	29.04	3	184	AA	-
23	0153	AO2	CLR	5SM	BR	47	8.3	46	7.8	45	7.2	93	0	000	-	0	29.04	-	186	AA	-
23	0253	AO2	FEW250	5SM	BR	46	7.8	45	7.3	44	6.7	93	3	020	-	0	29.04	-	186	AA	-
23	0353	AO2	CLR	5SM	BR	44	6.7	44	6.4	43	6.1	96	3	040	-	0	29.04	0	184	AA	-
23	0453	AO2	CLR	3SM	BR	43	6.1	43	5.9	42	5.6	97	4	050	-	0	29.04	-	187	AA	-
23	0540	AO2	CLR	1 3/4SM	BR	-	-	-	-	-	-	-	0	000	-	0	-	-	SP	-	-
23	0553	AO2	CLR	3SM	BR	40	4.4	40	4.2	39	3.9	97	0	000	-	0	29.05	-	191	AA	-
23	0611	AO2	FEW001	2 1/2SM	BR	-	-	-	-	-	-	-	3	030	-	0	-	-	SP	-	-
23	0653	AO2	FEW001 SCT200	2 1/2SM	BR	39	3.9	39	3.6	38	3.3	96	3	080	-	0	29.05	0	192	AA	-
23	0706	AO2	VV001	1SM	BR	-	-	-	-	-	-	-	0	000	-	0	-	-	SP	-	-
23	0743	AO2	SCT001	4SM	BR	-	-	-	-	-	-	-	0	000	-	0	-	-	SP	-	-
23	0753	AO2	SCT001	5SM	BR	42	5.6	42	5.6	42	5.6	100	0	000	-	0	29.06	-	194	AA	-
23	0853	AO2	FEW001	7SM	-	43	6.1	43	6.1	43	6.1	100	0	000	-	0	29.07	-	198	AA	-
23	0953	AO2	CLR	9SM	-	50	10.0	48	8.9	46	7.8	86	3	070	-	0	29.08	3	200	AA	-
23	1053	AO2	CLR	9SM	-	57	13.9	53	11.5	49	9.4	75	0	000	-	0	29.06	-	195	AA	-
23	1153	AO2	CLR	10SM	-	63	17.2	55	12.7	48	8.9	58	0	000	-	0	29.04	-	186	AA	-
23	1253	AO2	CLR	10SM	-	68	20.0	57	14.1	49	9.4	51	15	230	-	0	29.00	8	170	AA	-
23	1353	AO2	CLR	10SM	-	70	21.1	58	14.5	49	9.4	47	12	230	-	0	28.97	-	161	AA	-
23	1453	AO2	CLR	10SM	-	70	21.1	59	14.8	50	10.0	49	10	230	-	0	28.95	-	153	AA	-
23	1553	AO2	BKN250	10SM	-	69	20.6	58	14.6	50	10.0	51	13	260	-	0	28.92	8	144	AA	-
23	1653	AO2	BKN250	10SM	-	66	18.9	58	14.2	51	10.6	59	9	260	-	0	28.93	-	149	AA	-
23	1753	AO2	SCT250	10SM	-	59	15.0	54	12.0	49	9.4	69	7	220	-	0	28.92	-	148	AA	-
23	1853	AO2	FEW200	10SM	-	58	14.4	53	11.7	49	9.4	72	6	230	-	0	28.92	8	146	AA	-
23	1953	AO2	FEW200	10SM	-	58	14.4	53	11.5	48	8.9	70	7	190	-	0	28.91	-	145	AA	-
23	2053	AO2	SCT150 SCT250	10SM	-	63	17.2	55	12.7	48	8.9	58	8	170	-	0	28.90	-	138	AA	-
23	2153	AO2	BKN070	10SM	-	65	18.3	56	13.4	49	9.4	56	11	180	-	0	28.89	8	130	AA	-

23	2253	AO2	-	FEW250	10SM	-	65	18.3	56	13.4	49	9.4	56	13	170	G	18	28.85	-	116	AA	-
23	2353	AO2	-	FEW085	10SM	-	64	17.8	56	13.5	50	10.0	61	9	190	-	0	28.84	-	110	AA	-
24	0053	AO2	-	FEW075	10SM	-	64	17.8	56	13.5	50	10.0	61	12	200	-	0	28.82	6	103	AA	-
24	0153	AO2	-	SCT080	10SM	-	64	17.8	57	13.8	51	10.6	63	12	180	-	0	28.79	-	094	AA	-
24	0253	AO2	-	FEW080	10SM	-	64	17.8	57	13.8	51	10.6	63	9	200	-	0	28.77	-	087	AA	-
24	0353	AO2	-	SCT065 BKN080	10SM	-	62	16.7	56	13.3	51	10.6	67	9	180	-	0	28.75	7	078	AA	-
24	0453	AO2	-	BKN070 OVC090	10SM	-	66	18.9	58	14.5	52	11.1	61	13	180	G	23	28.72	-	069	AA	-
24	0553	AO2	-	BKN060 OVC090	10SM	-	67	19.4	59	15.0	53	11.7	61	14	190	G	22	28.70	-	065	AA	-
24	0653	AO2	-	FEW027 BKN048 OVC060	5SM	RA BR	59	15.0	58	14.4	57	13.9	93	17	240	-	0	28.76	3	087	AA	.16
24	0729	AO2	-	SCT016 BKN045 OVC070	2 1/2SM	+RA BR	-	-	-	-	-	-	-	22	250	-	0	-	-	-	SP	-
24	0735	AO2	-	FEW014 BKN020 OVC060	1 3/4SM	+RA BR	-	-	-	-	-	-	-	23	250	-	0	-	-	-	SP	-
24	0743	AO2	-	SCT009 BKN014 OVC047	2 1/2SM	RA BR	-	-	-	-	-	-	-	18	280	G	26	-	-	-	SP	-
24	0753	AO2	-	SCT009 BKN020 OVC030	3SM	-RA BR	53	11.7	52	11.1	51	10.6	93	15	270	G	22	28.81	-	104	AA	.17
24	0832	AO2	-	BKN009 OVC028	5SM	-RA BR	-	-	-	-	-	-	-	17	240	-	0	-	-	-	SP	-
24	0853	AO2	-	BKN006 BKN009 OVC016	5SM	-RA BR	51	10.6	50	10.0	49	9.4	92	17	250	-	0	28.87	-	124	AA	.04
24	0858	AO2	-	BKN006 BKN009 OVC014	2 1/2SM	-RA BR	-	-	-	-	-	-	-	16	260	-	0	-	-	-	SP	-
24	0953	AO2	-	SCT008 BKN014 OVC021	3SM	-RA BR	44	6.7	43	6.2	42	5.6	93	21	270	-	0	28.94	3	151	AA	.05
24	1012	AO2	-	BKN008 OVC016	2 1/2SM	-RA BR	-	-	-	-	-	-	-	15	290	-	0	-	-	-	SP	-
24	1041	AO2	-	BKN008 OVC019	1 3/4SM	-RA BR	-	-	-	-	-	-	-	17	270	-	0	-	-	-	SP	-
24	1053	AO2	-	SCT008 BKN015 OVC022	2 1/2SM	-RA BR	41	5.0	40	4.5	39	3.9	93	16	270	G	20	28.98	-	168	AA	T
24	1110	AO2	-	SCT009 BKN025 OVC037	4SM	-RA BR	-	-	-	-	-	-	-	15	270	G	20	-	-	-	SP	-
24	1153	AO2	-	FEW009 SCT018 OVC025	10SM	-	41	5.0	38	3.6	35	1.7	79	17	270	G	22	29.00	-	173	AA	.01
24	1244	AO2	-	SCT025 BKN030	10SM	-	-	-	-	-	-	-	-	16	290	G	20	-	-	-	SP	-
24	1253	AO2	-	FEW021 SCT030	10SM	-	44	6.7	40	4.3	34	1.1	68	13	290	-	0	29.01	1	176	AA	-
24	1353	AO2	-	SCT028 SCT036	10SM	-	43	6.1	39	3.9	34	1.1	71	16	300	-	0	29.03	-	182	AA	-
24	1453	AO2	-	FEW035	10SM	-	42	5.6	37	2.6	29	-1.7	60	10	280	-	0	29.03	-	185	AA	-
24	1553	AO2	-	FEW040	10SM	-	41	5.0	35	1.9	27	-2.8	57	7	290	-	0	29.04	1	189	AA	-
24	1653	AO2	-	SCT025	10SM	-	40	4.4	35	1.6	27	-2.8	60	5	310	-	0	29.05	-	190	AA	-
24	1753	AO2	-	SCT037	10SM	-	38	3.3	33	.8	26	-3.3	62	6	290	-	0	29.07	-	197	AA	-
24	1853	AO2	-	BKN037	10SM	-	37	2.8	33	.6	27	-2.8	67	6	310	-	0	29.08	3	204	AA	-
24	1953	AO2	-	SCT035	10SM	-	35	1.7	31	-.4	25	-3.9	67	8	360	-	0	29.10	-	211	AA	-
24	2053	AO2	-	SCT035	10SM	-	33	.6	30	-1.2	24	-4.4	70	7	350	-	0	29.11	-	216	AA	-
24	2153	AO2	-	CLR	10SM	-	32	.0	29	-1.8	23	-5.0	69	7	020	-	0	29.12	1	221	AA	-
24	2253	AO2	-	CLR	10SM	-	32	.0	28	-2.0	22	-5.6	66	10	360	-	0	29.13	-	224	AA	-
24	2353	AO2	-	CLR	10SM	-	30	-1.1	27	-2.7	22	-5.6	72	6	050	-	0	29.12	-	221	AA	-
25	0053	AO2	-	CLR	10SM	-	28	-2.2	26	-3.2	23	-5.0	81	6	040	-	0	29.11	8	219	AA	-
25	0153	AO2	-	CLR	10SM	-	29	-1.7	27	-2.9	23	-5.0	78	7	050	-	0	29.10	-	216	AA	-
25	0253	AO2	-	CLR	10SM	-	28	-2.2	26	-3.2	23	-5.0	81	4	030	-	0	29.11	-	217	AA	-
25	0353	AO2	-	CLR	10SM	-	27	-2.8	26	-3.6	23	-5.0	85	6	070	-	0	29.09	8	212	AA	-
25	0453	AO2	-	CLR	10SM	-	27	-2.8	25	-3.7	22	-5.6	81	8	040	-	0	29.07	-	207	AA	-
25	0553	AO2	-	CLR	10SM	-	27	-2.8	26	-3.6	23	-5.0	85	7	040	-	0	29.08	-	208	AA	-
25	0653	AO2	-	FEW200	10SM	-	27	-2.8	26	-3.6	23	-5.0	85	8	030	-	0	29.09	5	211	AA	-
25	0753	AO2	-	CLR	10SM	-	28	-2.2	26	-3.2	23	-5.0	81	7	040	-	0	29.10	-	217	AA	-
25	0853	AO2	-	CLR	10SM	-	30	-1.1	28	-2.3	24	-4.4	79	9	050	-	0	29.11	-	220	AA	-
25	0953	AO2	-	CLR	10SM	-	33	.6	30	-.9	26	-3.3	75	7	040	-	0	29.11	0	219	AA	-
25	1053	AO2	-	FEW250	10SM	-	36	2.2	32	-.1	25	-3.9	64	5	VRB	-	0	29.12	-	224	AA	-
25	1153	AO2	-	SCT250	10SM	-	40	4.4	35	1.8	28	-2.2	63	6	070	-	0	29.09	-	210	AA	-
25	1253	AO2	-	SCT250	10SM	-	42	5.6	36	2.4	28	-2.2	58	4	VRB	-	0	29.05	8	198	AA	-
25	1353	AO2	-	SCT250	10SM	-	44	6.7	37	3.1	28	-2.2	53	0	000	-	0	29.03	-	191	AA	-
25	1453	AO2	-	BKN250	10SM	-	45	7.2	37	3.0	26	-3.3	48	0	000	-	0	29.02	-	185	AA	-
25	1553	AO2	-	BKN250	10SM	-	46	7.8	38	3.5	27	-2.8	47	0	000	-	0	29.00	6	180	AA	-
25	1653	AO2	-	BKN250	10SM	-	44	6.7	38	3.2	29	-1.7	55	0	000	-	0	28.99	-	177	AA	-
25	1753	AO2	-	BKN210	10SM	-	44	6.7	37	2.8	27	-2.8	51	0	000	-	0	29.00	-	179	AA	-
25	1853	AO2	-	BKN210	10SM	-	43	6.1	37	2.5	27	-2.8	53	0	000	-	0	28.99	6	179	AA	-
25	1953	AO2	-	BKN200	10SM	-	40	4.4	36	1.9	29	-1.7	65	3	010	-	0	28.99	-	178	AA	-
25	2053	AO2	-	FEW200	10SM	-	37	2.8	35	1.4	31	-.6	79	0	000	-	0	29.00	-	181	AA	-
25	2153	AO2	-	SCT250	10SM	-	37	2.8	34	1.2	30	-1.1	76	3	130	-	0	29.01	3	185	AA	-
25	2253	AO2	-	BKN250	10SM	-	37	2.8	35	1.4	31	-.6	79	0	000	-	0	29.01	-	182	AA	-
25	2353	AO2	-	OVC250	10SM	-	37	2.8	35	1.4	31	-.6	79	0	000	-	0	29.00	-	180	AA	-

26	0053	AO2	BKN250	10SM		36	2.2	34	1.1	31	-6	82	0	000	0	29.00	6	178	AA	
26	0153	AO2	BKN250	9SM		33	.6	32	.1	31	-6	92	4	020	0	29.00	-	179	AA	
26	0253	AO2	BKN250	10SM		34	1.1	33	.4	31	-6	89	0	000	0	29.02	-	184	AA	
26	0353	AO2	BKN180	10SM		33	.6	32	.1	31	-6	92	3	050	0	29.02	1	185	AA	
26	0453	AO2	BKN150 OVC250	10SM		34	1.1	33	.4	31	-6	89	3	130	0	29.06	-	200	AA	
26	0553	AO2	FEW150 SCT250	10SM		33	.6	32	-.1	30	-1.1	89	4	080	0	29.05	-	195	AA	
26	0653	AO2	FEW150 BKN250	10SM		33	.6	32	-.1	30	-1.1	89	4	360	0	29.05	1	197	AA	
26	0753	AO2	FEW150 BKN250	10SM		35	1.7	34	1.0	32	.0	89	0	000	0	29.09	-	209	AA	
26	0853	AO2	BKN250	10SM		35	1.7	34	1.0	32	.0	89	0	000	0	29.11	-	220	AA	
26	0953	AO2	OVC250	10SM		41	5.0	38	3.1	33	.6	74	5	090	0	29.10	0	214	AA	
26	1053	AO2	OVC250	10SM		44	6.7	39	4.1	33	.6	65	5	350	0	29.12	-	219	AA	
26	1153	AO2	OVC250	10SM		47	8.3	41	5.1	34	1.1	61	4	010	0	29.10	-	212	AA	
26	1253	AO2	OVC250	10SM		48	8.9	41	5.2	33	.6	56	0	000	0	29.08	8	205	AA	
26	1353	AO2	SCT120 OVC250	10SM		49	9.4	42	5.5	33	.6	55	3	080	0	29.05	-	197	AA	
26	1453	AO2	BKN080 OVC250	10SM		50	10.0	42	5.6	32	.0	50	0	000	0	29.05	-	196	AA	
26	1553	AO2	SCT080 OVC250	10SM		50	10.0	43	6.0	34	1.1	54	3	020	0	29.05	6	196	AA	
26	1653	AO2	SCT080 OVC250	10SM		48	8.9	43	5.9	36	2.2	63	4	050	0	29.05	-	196	AA	
26	1753	AO2	FEW100 BKN250	10SM		48	8.9	42	5.4	34	1.1	58	5	010	0	29.06	-	199	AA	
26	1853	AO2	FEW100 BKN250	10SM		47	8.3	42	5.4	35	1.7	63	4	020	0	29.07	3	201	AA	
26	1953	AO2	FEW100 BKN250	10SM		47	8.3	42	5.4	35	1.7	63	4	010	0	29.07	-	203	AA	
26	2053	AO2	FEW090 BKN200	10SM		46	7.8	42	5.3	36	2.2	68	0	000	0	29.08	-	207	AA	
26	2153	AO2	SCT075 BKN250	10SM		46	7.8	42	5.5	37	2.8	71	3	020	0	29.10	3	210	AA	
26	2253	AO2	SCT075 OVC200	10SM		44	6.7	41	5.2	38	3.3	79	4	070	0	29.09	-	206	AA	
26	2353	AO2	OVC200	10SM		46	7.8	42	5.5	37	2.8	71	0	000	0	29.07	-	199	AA	
27	0053	AO2	OVC200	10SM		45	7.2	41	5.2	37	2.8	74	0	000	0	29.05	8	192	AA	
27	0153	AO2	SCT075 OVC200	10SM		43	6.1	41	4.8	38	3.3	82	3	240	0	29.05	-	194	AA	
27	0253	AO2	BKN065 OVC200	10SM		45	7.2	41	5.2	37	2.8	74	0	000	0	29.05	-	194	AA	
27	0353	AO2	SCT070 OVC200	10SM		44	6.7	41	5.0	37	2.8	76	0	000	0	29.04	8	189	AA	
27	0453	AO2	SCT065 OVC200	10SM		41	5.0	40	4.2	38	3.3	89	5	060	0	29.00	-	178	AA	
27	0553	AO2	BKN200	10SM		43	6.1	40	4.6	37	2.8	80	3	320	0	29.02	-	181	AA	
27	0653	AO2	SCT065 OVC200	10SM		43	6.1	40	4.6	37	2.8	80	0	000	0	29.01	6	180	AA	
27	0753	AO2	FEW085 OVC190	10SM		43	6.1	41	4.8	38	3.3	82	3	070	0	29.01	-	180	AA	
27	0853	AO2	SCT080 OVC180	10SM		44	6.7	42	5.4	39	3.9	83	0	000	0	29.03	-	187	AA	
27	0953	AO2	SCT080 OVC190	10SM		46	7.8	43	6.2	40	4.4	79	3	170	0	29.07	3	198	AA	
27	1053	AO2	BKN033 OVC055	4SM	-RA BR	46	7.8	44	6.8	42	5.6	86	0	000	0	29.05	-	195	AA	.01
27	1142	AO2	BKN026 BKN047 OVC060	3SM	-RA BR	-	-	-	-	-	-	-	4	070	0	-	-	-	SP	
27	1153	AO2	BKN026 OVC060	3SM	-RA BR	46	7.8	45	7.3	44	6.7	93	6	070	0	29.02	-	184	AA	.05
27	1253	AO2	SCT024 BKN043 OVC055	3SM	-RA BR	47	8.3	46	7.8	45	7.2	93	7	090	0	28.97	8	164	AA	.04
27	1306	AO2	FEW024 BKN046 OVC060	2 1/2SM	RA BR	-	-	-	-	-	-	-	7	090	0	-	-	-	SP	
27	1338	AO2	SCT030 BKN048 OVC065	3SM	-RA BR	-	-	-	-	-	-	-	10	130	0	-	-	-	SP	
27	1353	AO2	FEW034 BKN044 OVC060	3SM	-RA BR	49	9.4	48	8.8	47	8.3	93	7	110	0	28.92	-	150	AA	.05
27	1417	AO2	BKN027 BKN040	4SM	-RA BR	-	-	-	-	-	-	-	6	340	0	-	-	-	SP	
27	1434	AO2	FEW027 SCT038 OVC180	4SM	BR	-	-	-	-	-	-	-	11	330	0	-	-	-	SP	
27	1453	AO2	FEW027 SCT040 OVC180	4SM	BR	49	9.4	48	9.1	48	8.9	97	9	330	0	28.94	-	155	AA	T
27	1553	AO2	FEW004 SCT010 OVC150	5SM	BR	49	9.4	48	8.8	47	8.3	93	5	060	0	28.93	6	153	AA	.01
27	1611	AO2	SCT004 BKN011 OVC150	5SM	BR	-	-	-	-	-	-	-	4	050	0	-	-	-	SP	
27	1645	AO2	SCT004 BKN008 OVC090	3SM	BR	-	-	-	-	-	-	-	4	060	0	-	-	-	SP	
27	1653	AO2	SCT004 BKN008 OVC090	3SM	BR	48	8.9	47	8.6	47	8.3	96	5	040	0	28.91	-	147	AA	
27	1753	AO2	SCT004 BKN008 OVC090	6SM	BR	48	8.9	47	8.6	47	8.3	96	3	120	0	28.94	-	156	AA	
27	1853	AO2	BKN006 OVC041	6SM	BR	49	9.4	48	9.1	48	8.9	97	0	000	0	28.95	3	159	AA	
27	1933	AO2	SCT006 OVC042	5SM	BR	-	-	-	-	-	-	-	5	030	0	-	-	-	SP	
27	1953	AO2	BKN006 OVC046	4SM	BR	49	9.4	48	9.1	48	8.9	97	5	070	0	28.93	-	153	AA	
27	2053	AO2	BKN006 OVC055	5SM	BR	50	10.0	49	9.4	48	8.9	93	0	000	0	28.92	-	150	AA	
27	2153	AO2	BKN006 OVC055	5SM	BR	50	10.0	49	9.7	49	9.4	96	4	070	0	28.91	8	142	AA	
27	2211	AO2	BKN004 OVC008	4SM	BR	-	-	-	-	-	-	-	4	030	0	-	-	-	SP	
27	2253	AO2	BKN004 OVC050	4SM	BR	49	9.4	48	9.1	48	8.9	97	0	000	0	28.88	-	131	AA	
27	2305	AO2	SCT004 OVC048	4SM	BR	-	-	-	-	-	-	-	0	000	0	-	-	-	SP	
27	2353	AO2	BKN055 OVC075	3SM	BR	50	10.0	49	9.7	49	9.4	96	3	110	0	28.86	-	124	AA	
28	0053	AO2	OVC090	3SM	BR	49	9.4	49	9.4	49	9.4	100	5	300	0	28.83	6	114	AA	

28	0153	AO2	-	SCT046 BKN055 OVC070	3SM	-RA BR	50	10.0	49	9.7	49	9.4	96	0	000	-	0	28.80	-	102	AA	T	
28	0253	AO2	-	SCT010 OVC037	2 1/2SM	BR	50	10.0	50	10.0	50	10.0	100	3	070	-	0	28.75	-	086	AA	T	
28	0353	AO2	-	OVC039	3SM	-RA BR	50	10.0	50	10.0	50	10.0	100	0	000	-	0	28.71	7	074	AA	T	
28	0453	AO2	-	OVC038	10SM	-RA	62	16.7	59	15.1	57	13.9	84	17	210	-	0	28.68	-	062	AA	T	
28	0553	AO2	-	SCT027 BKN037 OVC044	5SM	-RA BR	61	16.1	59	15.1	58	14.4	90	15	210	-	0	28.67	-	058	AA	.04	
28	0604	AO2	-	BKN028 OVC036	10SM	-RA	-	-	-	-	-	-	-	14	210	G	20	-	-	-	SP	-	
28	0619	AO2	-	FEW009 BKN026 OVC033	1 1/4SM	-RA BR	-	-	-	-	-	-	-	26	270	G	30	-	-	-	SP	-	
28	0630	AO2	-	FEW009 BKN018 OVC043	2 1/2SM	+RA BR	-	-	-	-	-	-	-	18	280	G	32	-	-	-	SP	-	
28	0640	AO2	-	FEW012 BKN039 OVC048	8SM	-RA	-	-	-	-	-	-	-	17	270	-	0	-	-	-	-	SP	-
28	0653	AO2	-	FEW018 BKN040 OVC049	8SM	-RA	51	10.6	49	9.7	48	8.9	89	17	280	G	23	28.72	3	075	AA	.16	
28	0740	AO2	-	BKN013 OVC034	10SM	-RA	-	-	-	-	-	-	-	16	260	G	20	-	-	-	SP	-	
28	0743	AO2	-	BKN013 OVC034	2SM	RA BR	-	-	-	-	-	-	-	15	250	-	0	-	-	-	SP	-	
28	0753	AO2	-	BKN013 OVC034	4SM	-RA BR	48	8.9	47	8.4	46	7.8	93	15	250	-	0	28.79	-	101	AA	.01	
28	0804	AO2	-	SCT015 SCT026 OVC034	10SM	-RA	-	-	-	-	-	-	-	17	250	G	22	-	-	-	SP	-	
28	0807	AO2	-	SCT015 BKN019 OVC034	10SM	-	-	-	-	-	-	-	-	16	260	G	22	-	-	-	SP	-	
28	0853	AO2	-	SCT015 BKN023 OVC038	3SM	RA BR	44	6.7	43	6.2	42	5.6	93	15	260	-	0	28.87	-	128	AA	.02	
28	0917	AO2	-	FEW009 BKN013 OVC025	4SM	RA BR	-	-	-	-	-	-	-	16	260	-	0	-	-	-	SP	-	
28	0953	AO2	-	FEW008 BKN013 OVC021	4SM	-RA BR	42	5.6	41	5.1	40	4.4	92	12	280	-	0	28.90	1	137	AA	.08	
28	1002	AO2	-	SCT009 BKN013 OVC021	2 1/2SM	-RA BR	-	-	-	-	-	-	-	12	270	-	0	-	-	-	SP	-	
28	1022	AO2	-	SCT009 BKN013 OVC018	4SM	-RA BR	-	-	-	-	-	-	-	6	260	-	0	-	-	-	SP	-	
28	1053	AO2	-	SCT009 BKN013 OVC018	3SM	-RA BR	41	5.0	40	4.5	39	3.9	93	9	280	-	0	28.91	-	147	AA	.07	
28	1153	AO2	-	SCT009 BKN028 OVC055	5SM	-RA BR	41	5.0	40	4.2	38	3.3	89	12	280	G	20	28.91	-	146	AA	.03	
28	1233	AO2	-	FEW009 SCT018 OVC060	7SM	-	-	-	-	-	-	-	-	12	270	-	0	-	-	-	SP	-	
28	1253	AO2	-	FEW009 SCT018 OVC060	7SM	-	41	5.0	39	3.8	36	2.2	82	13	280	-	0	28.90	0	139	AA	T	
28	1353	AO2	-	FEW022 BKN028 OVC060	8SM	-RA	41	5.0	38	3.3	34	1.1	76	18	290	-	0	28.90	-	137	AA	T	
28	1431	AO2	-	FEW018 BKN033 BKN043	10SM	-	-	-	-	-	-	-	-	15	300	-	0	-	-	-	SP	-	
28	1453	AO2	-	FEW018 SCT033 BKN047	10SM	-	42	5.6	37	3.0	31	-6	65	14	300	-	0	28.89	-	136	AA	T	
28	1553	AO2	-	FEW045 BKN060	10SM	-	42	5.6	37	2.6	29	-1.7	60	13	290	G	19	28.91	3	141	AA	-	
28	1653	AO2	-	FEW039 SCT050 BKN065	10SM	-	40	4.4	35	1.6	27	-2.8	60	17	290	G	22	28.92	-	145	AA	T	
28	1753	AO2	-	SCT060	10SM	-	39	3.9	34	1.1	26	-3.3	60	9	290	-	0	28.95	-	158	AA	-	
28	1853	AO2	-	SCT046 BKN070	10SM	-	36	2.2	32	-1	25	-3.9	64	14	310	G	28	28.99	3	173	AA	-	
28	1953	AO2	-	SCT040 BKN060	10SM	-	34	1.1	30	-9	24	-4.4	67	12	300	G	27	29.02	-	186	AA	-	
28	2053	AO2	-	FEW034 OVC055	10SM	-	34	1.1	30	-1.1	23	-5.0	64	17	300	G	24	29.04	-	192	AA	-	
28	2153	AO2	-	OVC060	10SM	-	32	0	28	-2.3	20	-6.7	61	10	260	-	0	29.05	-	197	AA	-	
28	2253	AO2	-	FEW021 BKN032 OVC055	9SM	-	31	-6	29	-1.8	25	-3.9	79	11	290	-	0	29.07	-	204	AA	T	
28	2353	AO2	-	OVC047	9SM	-SN	31	-6	28	-2.5	21	-6.1	67	9	260	-	0	29.08	-	207	AA	T	
29	0053	AO2	-	BKN034 OVC047	9SM	-SN	31	-6	28	-2.2	23	-5.0	72	11	260	-	0	29.09	1	211	AA	T	
29	0153	AO2	-	OVC043	9SM	-SN	31	-6	28	-2.5	21	-6.1	67	13	270	-	0	29.10	-	213	AA	T	
29	0253	AO2	-	FEW030 OVC044	9SM	-SN	31	-6	28	-2.3	22	-5.6	69	10	260	-	0	29.11	-	218	AA	T	
29	0353	AO2	-	FEW034 OVC050	9SM	-	31	-6	27	-2.7	20	-6.7	64	14	290	-	0	29.13	3	223	AA	T	
29	0453	AO2	-	OVC050	10SM	-	30	-1.1	26	-3.1	19	-7.2	64	10	270	-	0	29.15	-	231	AA	-	
29	0553	AO2	-	FEW033 OVC045	10SM	-	30	-1.1	27	-3.0	20	-6.7	66	10	260	-	0	29.16	-	236	AA	-	
29	0653	AO2	-	OVC043	10SM	-	30	-1.1	27	-2.8	21	-6.1	69	9	250	-	0	29.18	2	244	AA	-	
29	0753	AO2	-	OVC041	10SM	-	31	-6	28	-2.5	21	-6.1	67	9	260	-	0	29.21	-	253	AA	-	
29	0853	AO2	-	OVC041	10SM	-	32	0	28	-2.0	22	-5.6	66	9	250	-	0	29.23	-	261	AA	-	
29	0953	AO2	-	BKN035 OVC060	10SM	-	33	6	29	-1.6	22	-5.6	64	11	250	-	0	29.25	2	270	AA	-	
29	1053	AO2	-	SCT037	10SM	-	34	1.1	30	-1.3	22	-5.6	61	7	300	-	0	29.25	-	271	AA	-	
29	1153	AO2	-	SCT034	10SM	-	35	1.7	30	-9	22	-5.6	59	7	250	G	15	29.25	-	267	AA	-	
29	1253	AO2	-	SCT038	10SM	-	38	3.3	33	6	25	-3.9	60	10	230	-	0	29.24	8	261	AA	-	
29	1353	AO2	-	FEW038	10SM	-	39	3.9	33	8	24	-4.4	55	13	240	-	0	29.23	-	258	AA	-	
29	1453	AO2	-	FEW041	10SM	-	40	4.4	34	1.2	25	-3.9	55	12	220	-	0	29.21	-	253	AA	-	
29	1553	AO2	-	CLR	10SM	-	40	4.4	34	1.0	24	-4.4	53	9	230	-	0	29.21	6	253	AA	-	
29	1653	AO2	-	CLR	10SM	-	38	3.3	33	4	24	-4.4	57	7	230	-	0	29.21	-	253	AA	-	
29	1753	AO2	-	CLR	10SM	-	35	1.7	31	-6	24	-4.4	64	8	210	-	0	29.20	-	250	AA	-	
29	1853	AO2	-	CLR	10SM	-	35	1.7	31	-6	24	-4.4	64	6	200	-	0	29.19	8	248	AA	-	
29	1953	AO2	-	CLR	10SM	-	33	6	30	-1.2	24	-4.4	70	6	240	-	0	29.19	-	246	AA	-	
29	2053	AO2	-	CLR	10SM	-	33	6	29	-1.4	23	-5.0	67	7	220	-	0	29.18	-	244	AA	-	
29	2153	AO2	-	SCT250	10SM	-	32	0	29	-1.8	23	-5.0	69	6	230	-	0	29.17	8	238	AA	-	
29	2253	AO2	-	FEW250	10SM	-	35	1.7	31	-7	23	-5.0	61	9	250	-	0	29.17	-	240	AA	-	

29	2353	AO2	-	CLR	10SM	-	33	.6	30	-1.2	24	-4.4	70	9	250	-	0	29.17	-	238	AA	-
30	0053	AO2	-	CLR	10SM	-	32	.0	29	-1.6	24	-4.4	73	9	240	-	0	29.16	8	235	AA	-
30	0153	AO2	-	CLR	10SM	-	30	-1.1	28	-2.5	23	-5.0	75	8	230	-	0	29.17	-	238	AA	-
30	0253	AO2	-	CLR	10SM	-	35	1.7	31	-.7	23	-5.0	61	12	240	-	0	29.18	-	242	AA	-
30	0353	AO2	-	CLR	10SM	-	35	1.7	30	-.9	22	-5.6	59	11	250	-	0	29.19	3	246	AA	-
30	0453	AO2	-	CLR	10SM	-	33	.6	29	-1.6	22	-5.6	64	6	290	-	0	29.21	-	253	AA	-
30	0553	AO2	-	CLR	10SM	-	32	.0	28	-2.1	21	-6.1	64	5	240	-	0	29.23	-	260	AA	-
30	0653	AO2	-	FEW250	10SM	-	31	-.6	27	-2.7	20	-6.7	64	3	210	-	0	29.24	1	263	AA	-
30	0753	AO2	-	SCT250	10SM	-	32	.0	28	-2.0	22	-5.6	66	5	240	-	0	29.25	-	270	AA	-
30	0853	AO2	-	SCT250	10SM	-	37	2.8	32	.3	25	-3.9	62	8	200	-	0	29.25	-	265	AA	-
30	0953	AO2	-	SCT250	10SM	-	44	6.7	36	2.5	25	-3.9	47	10	210	-	0	29.25	1	264	AA	-
30	1053	AO2	-	SCT250	10SM	-	48	8.9	39	3.7	25	-3.9	41	15	210	-	0	29.24	-	258	AA	-
30	1153	AO2	-	SCT250	10SM	-	51	10.6	41	4.8	26	-3.3	38	14	220	-	0	29.21	-	251	AA	-
30	1253	AO2	-	SCT250	10SM	-	53	11.7	42	5.7	28	-2.2	38	12	210	-	0	29.18	8	238	AA	-
30	1353	AO2	-	CLR	10SM	-	54	12.2	43	6.0	28	-2.2	37	13	210	-	0	29.14	-	225	AA	-
30	1453	AO2	-	CLR	10SM	-	56	13.3	43	6.3	27	-2.8	33	13	230	-	0	29.12	-	217	AA	-
30	1553	AO2	-	CLR	10SM	-	56	13.3	43	6.2	26	-3.3	32	11	220	-	0	29.11	6	214	AA	-
30	1653	AO2	-	CLR	10SM	-	52	11.1	41	5.1	26	-3.3	37	10	240	-	0	29.12	-	218	AA	-
30	1753	AO2	-	CLR	10SM	-	48	8.9	39	3.7	25	-3.9	41	8	270	-	0	29.11	-	218	AA	-
30	1853	AO2	-	CLR	10SM	-	43	6.1	36	2.2	25	-3.9	49	9	230	-	0	29.12	1	219	AA	-
30	1953	AO2	-	CLR	10SM	-	44	6.7	36	2.3	24	-4.4	45	8	250	-	0	29.12	-	220	AA	-
30	2053	AO2	-	CLR	10SM	-	45	7.2	36	2.3	22	-5.6	40	11	240	-	0	29.13	-	222	AA	-
30	2153	AO2	-	CLR	10SM	-	40	4.4	34	.9	23	-5.0	51	9	240	-	0	29.13	3	223	AA	-
30	2253	AO2	-	CLR	10SM	-	44	6.7	36	2.5	25	-3.9	47	10	270	-	0	29.16	-	230	AA	-
30	2353	AO2	-	FEW250	10SM	-	43	6.1	36	2.4	26	-3.3	51	7	270	-	0	29.18	-	238	AA	-