WS FORM F-6
(9-76)

U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

PRELIMINARY LOCAL CLIMATOLOGICAL DATA

STATION: DESERT ROCK, NV

MONTH: JULY

YEAR: 1988

LATITUDE: 36° 37' N

LONGITUDE: 116° 01' W

GROUND ELEVATION (H): 3298 FT.

STANDARD TIME: PACIFIC

DAY	TEMPERATURE °F MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	DEGREE DAYS (Base 65°) HEATING	COOLING	PRECIPITATION (In.) TOTAL (Water equivalent)	SNOWFALL, ICE PELLETS	SNOW, ICE PELLETS OR ICE ON GROUND AT	WIND AVERAGE SPEED KTS	PEAK SPEED KTS	DIRECTION	SUNSHINE AVG. STATION PRESS (INS.)	PERCENT OF POSSIBLE	SKY COVER SUNRISE TO SUNSET (Tenths)	WEATHER OCCURRENCES	04	R 10	H 16	22
1	2	3	4	5	6a	6b	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	101	67	84			19				9.4	33	SW	26.48		0		22	15	16	18
2	102	72	87			22				9.4	32	SW	26.49		0		25	15	15	20
3	100	75	88			23				11.6	34	SW	26.44		2		26	17	15	19
4	94	76	85			20				15.7	40	S	26.44		0		26	19	15	19
5	95	68	82			17				11.2	36	SW	26.50		0		35	15	15	19
6	96	66	81			16				9.3	30	SW	26.53		0		28	17	15	18
7	99	70	85			20				10.0	27	SW	26.57		0		22	14	17	17
8	102	71	87			22				8.6	26	SW	26.56		0		22	17	16	17
9	103	69	86			21				6.4	20	SW	26.51		1		21	17	19	18
10	104	73	89			24				13.4	33	SW	26.44		0		18	14	15	20
11	98	78	88			23				15.3	38	S	26.50		0		23	22	17	20
12	97	68	83			18				8.0	20	SW	26.59		4		28	23	17	20
13	101	67	84			19				9.4	28	SW	26.55		1		28	17	17	16
14	101	67	84			19				10.3	30	SW	26.53		0		20	15	14	16
15	102	70	86			21				8.5	28	SW	26.57		0		20	18	18	17
16	104	67	86			21				5.6	24	SW	26.60		0		24	16	18	18
17	107	70	89			24				5.7	20	S	26.61		0		17	15	19	15
18	110	79	95			30				10.3	27	NE	26.56		0		15	15	17	16
19	106	76	91			26				7.2	21	S	26.58		0		16	24	19	31
20	107	76	92			27				6.8	25	S	26.67		1		35	19	26	28
21	106	77	92			27				7.6	29	S	26.72		2		40	28	19	26
22	102	81	92			27	T			9.1	28	SE	26.73		7	RW T	38	30	19	33
23	104	76	90			25				7.7	18	SE	26.63		6		39	24	17	27
24	102	76	89			24				8.0	29	SW	26.68		4		37	22	18	32
25	103	73	88			23				7.5	27	SW	26.68		3		40	22	16	21
26	104	78	91			26				10.9	31	SW	26.61		1	T	36	22	18	24
27	101	73	87			22				9.8	29	W	26.62		1		36	23	17	22
28	102	74	88			23				7.0	28	SW	26.65		3		43	25	17	26
29	102	77	90			25	T			7.1	22	SW	26.63		6	RW T	35	27	19	27
30	102	72	87			22	0.08			8.0	31	SW	26.63		6	RW T	33	34	20	28
31	97	72	85			20	0.01			8.8	23	SW	26.61		5		74	45	28	45
SUM	3154	2254	—	—		696	0.09		—	283.6	—	—	823.91	—	53	—	922	646	548	693
AVG	101.7	72.7	—	—	—	—	—	—	—	9.1	FASTEST	DIRECTION	POSSIBLE	%	1.7	—	30	21	18	22
										MISC. →	40	S	26.58			—				

TEMPERATURE DATA

AVERAGE MONTHLY 87.2

DEPARTURE FROM NORMAL 3.8

HIGHEST 110 ON 18

LOWEST 66 ON 6

NUMBER OF DAYS WITH –

MAX. 32° OR BELOW 0

MAX. 90° OR ABOVE 31

MIN. 32° OR BELOW 0

MIN. 0° OR BELOW 0

HEATING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 0

DEPARTURE FROM NORMAL 0

SEASONAL TOTAL 0

DEPARTURE FROM NORMAL 0

COOLING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 696

DEPARTURE FROM NORMAL +117

SEASONAL TOTAL 1324

DEPARTURE FROM NORMAL +116

PRECIPITATION DATA

TOTAL FOR THE MONTH 0.09 IN.

DEPARTURE FROM NORMAL -0.84 IN.

GREATEST IN 24 HRS. 0.08 ON 30

SNOWFALL, ICE PELLETS

TOTAL FOR THE MONTH 0 IN.

GREATEST IN 24 HRS. 0 ON –

GREATEST DEPTH ON GROUND 0 ON –

WEATHER

NUMBER OF DAYS –

CLEAR (Scale 0–3) 24

PARTLY CLOUDY (Scale 4–7) 7

CLOUDY (Scale 8–10) 0

WITH 0.01 INCH OR MORE PRECIP. 2

WITH 0.10 INCH OR MORE PRECIP. 0

WITH 0.50 INCH OR MORE PRECIP. 0

WITH 1.00 INCH OR MORE PRECIP. 0

SYMBOLS USED IN COLUMN 16

T = thunderstorm
R = rain
RW = rain shower
S = snow
SW = snow shower
F = fog

MAXIMUM PRECIPITATION

Δt (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180
PRECIPITATION (Inches)												
ENDED: DATE												
TIME												

HIGHEST STATION 26.800 IN. ON 21

LOWEST STATION 26.380 IN. ON 3, 10

WS FORM F-6 SUPERSEDES WS FORM F-6 (9-74) WHICH SHOULD BE USED UNTIL EXISTING STOCK IS DEPLETED.

☆ U.S. G.P.O. 1978-765-092/1151 REG.#6

(5-63)

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE JULY 01, 1988

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER 4a	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0052	CLR	20			061	74	27	03	05		985	103	EP
SA	0156	CLR	20			065	73	29	03	07		986		EP
SA	0250	CLR	20			067	69	28	00	00		986		EP
SA	0350	CLR	20			073	69	29	35	04		988	208 68 RADAT 20149	JS
SA	0450	CLR	20			081	68	30	05	03		991		JS
SA	0550	CLR	20			081	76	30	00	00		992		JS
SA	0654	CLR	20			081	82	32	16	04		992	112	JS
SA	0750	CLR	20			080	90	37	27	03		993		JS
SA	0850	CLR	20			080	93	39	27	08		992		JS
SA	0950	CLR	20			078	96	41	25	14		991	803 67	JS
SA	1050	CLR	20			075	98	44	24	14G26		990	Cu E-S	JS
SA	1153	CLR	20			073	99	44	20	16		989	Cu E-S	JS
SA	1250	CLR	20			065	100	46	24	15G26		987	Few Cu E-S / 712 1100	JS
SA	1350	CLR	20			063	100	46	22	18G28		986	Few Cu E-S	JS
SA	1450	CLR	20			057	101	46	22	17G26		984	Few Cu E-S	JS
SA	1554	CLR	20			055	100	46	21	16G26		983	712 1400 01 RADAT 60150	EP
SA	1651	CLR	20			052	99	44	22	14		982		EP
SA	1750	CLR	20			048	98	43	21	15G24		982		EP
SA	1858	CLR	20			051	95	40	23	14G21		983	500	EP
SA	1951	CLR	20			052	92	38	24	11		984		EP
SA	2051	CLR	20			056	89	36	24	08		985		EP
SA	2153	CLR	20			065	82	34	03	07		987	314 01	EP
SA	2250	CLR	20			070	79	35	02	07		988		EP
SA	2350	CLR	20			070	78	36	03	06		988		EP

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-62) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

SURFACE WEATHER OBSERVATIONS

DATE JULY 01, 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.460			17	0															0	1	.010			00-01
01 56	26.470			20	0															0					01-02
02 50	26.470			22	0															0					02-03
03 54	26.485			22	0															0	2	.025			03-04
04 50	26.505			24	0															0					04-05
05 50	26.515			19	0															0					05-06
06 54	26.520			17	0															0	1	.035			06-07
07 50	26.525			15	0															0					07-08
08 50	26.520			15	0															0					08-09
09 50	26.510			15	0															0	8	.010			09-10
10 50	26.500			16	0															0					10-11
11 53	26.485			16	0															0					11-12
12 50	26.475			16	0	0	Cu	80												0	7	.035			12-13
13 50	26.465			16	0															0					13-14
14 50	26.450			16	0															0					14-15
15 54	26.440			16	0	0	Sc	80												0	7	.035			15-16
16 51	26.430			15	0															0					16-17
17 50	26.430			15	0															0					17-18
18 58	26.440			15	0															0	5	.000			18-19
19 51	26.450			15	0															0					19-20
20 51	26.460			15	0															0					20-21
21 53	26.480			18	0															0	3	.040			21-22
22 50	26.490			21	0															0					22-23
23 50	26.490			22	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	77	68	X	X						X		
	0350	1	0	0	0	80	68		0								
	0948	2	0	0	0	96	67		0								
	1550	3	0	0	0	101	95		0								
	2150	4	0	0	0	100	82		0								
	MID.	X	0	0	0	87	78	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0950	1551	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.485	26.520	26.440	26.480
BAROGRAPH 64	26.485	26.520	26.450	26.485
BAR. CORR. 65	±0	-.010	-.010	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
101	67	0	0	0	33	SW	1437					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0429 SUNSET 1906

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1070381 20451

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE: JULY 02, 1988

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0053	CLR	20			074	76	36	07	07		990	207	EP
SA	0150	CLR	20			074	77	37	08	04		990		EP
SA	0250	CLR	20			075	73	37	07	05		990		EP
SA	0351	CLR	20			080	75	37	00	00		992	305 73 RADAT 71147	JS
SA	0450	CLR	20			085	74	38	06	05		993	Ac E-SE	JS
SA	0550	CLR	20			086	80	40	00	00		994	Ac E-SE	JS
SA	0652	CLR	20			090	86	41	00	00		995	212 1070	JS
SA	0752	CLR	20			090	91	40	34	04		995		JS
SA	0850	CLR	20			089	95	40	22	14		995	Cu SE	JS
SA	0951	CLR	20			093	96	41	23	17		995	400 1100 72	JS
SA	1052	CLR	20			086	98	46	22	17G29		994	Cu E-SE	JS
SA	1150	CLR	20			080	99	46	21	18		992	Cu E-SE	JS
SA	1250	CLR	20			077	100	46	23	15G23		991	Cu AlQds/ 614 1100	JS
SA	1352	CLR	20			066	100	46	23	13G24		987	Cu W-N-E-SE	JS
SA	1450	CLR	20			062	100	45	16	10		986	Cu AlQds	JS
SA	1554	CLR	20			055	101	45	23	18G27		984	620 1100 02 RADAT 70149	EP
SA	1650	CLR	20			048	100	45	21	15G23		982		EP
SA	1752	CLR	20			046	99	44	23	11		982		EP
SA	1851	CLR	20			045	96	43	22	13		982	607 1400	EP
SA	1950	CLR	20			048	93	42	23	12		983		EP
SA	2051	CLR	20			051	89	40	25	08		984		EP
SA	2153	CLR	20			057	84	39	36	05		985	210 02	EP
SA	2251	CLR	20			060	85	39	35	06		986		EP
SA	2351	CLR	20			057	80	38	02	08		985		EP

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_n$TTT $2s_n T_d T_d T_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-000/0085

SURFACE WEATHER OBSERVATIONS

DATE JULY 02, 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.500			24	0															0	2	.020			00-01
01 50	26.500			24	0															0					01-02
02 50	26.500			27	0															0					02-03
03 51	26.515			25	0															0	3	.015			03-04
04 50	26.525			27	0															0					04-05
05 50	26.535			25	0															0					05-06
06 52	26.550			21	0	0	Ac	140												0	2	.035			06-07
07 52	26.550			17	0															0					07-08
08 50	26.550			15	0															0					08-09
09 51	26.550			15	0	0	Cu	80												0	4	.000			09-10
10 52	26.535			17	0															0					10-11
11 50	26.515			17	0															0					11-12
12 50	26.510			16	0	0	Cu	80												0	6	.040			12-13
13 52	26.480			16	0															0					13-14
14 50	26.465			16	0															0					14-15
15 54	26.450			15	0	0	Cu	80												0	6	.060			15-16
16 50	26.430			16	0															0					16-17
17 52	26.430			16	0															0					17-18
18 51	26.430			16	0	0	Sc	80												0	6	.020			18-19
19 50	26.440			17	0															0					19-20
20 51	26.450			18	0															0					20-21
21 53	26.460			20	0															0	2	.030			21-22
22 51	26.470			20	0															0					22-23
23 51	26.460			22	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	79	73	X	X						X		
	0349	1	0	0	0	87	73		0								
	0949	2	0	0	0	97	72		0								
	1550	3	0	0	0	102	96		0								
	2150	4	0	0	0	102	84		0								
	MID.	X	0	0	0	86	80	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0951	1551	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.515	26.550	26.450	26.460
BAROGRAPH 64	26.510	26.560	26.460	26.460
BAR. CORR. 65	+.005	-.010	-.010	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND: SPEED (Kts.) 71	PEAK WIND: DIRECTION 72	PEAK WIND: TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.): TOP 75	FROZEN GROUND LAYER (Ins.): BASE 76	RIVER GAGE 77	SKY COVER: SUNRISE TO SUNSET 78	SKY COVER: MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
102	72	0	0	0	32	SW	1235					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0429 SUNSET 1906

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1082 P/ 1900 P/

(5-63)

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

WSMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE JULY 03 1988

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0052	CLR	20			058	78	38	02	10		985	000	EP
SA	0154	CLR	20			056	83	39	34	07		985		EP
SA	0250	CLR	20			056	81	39	31	06		985		EP
SA	0350	CLR	20			058	76	39	03	08		985	400 76 RADAT 59151	CH
SA	0450	CLR	20			067	75	39	03	07		987		CH
SA	0550	80 SCT	20			068	81	42	02	06		988		CH
SA	0650	80 SCT	20			070	88	42	30	04		990	214 1500	CH
SA	0750	80 SCT	20			071	89	42	23	12		990		CH
SA	0850	E80 BKN	20			077	89	42	25	10		991		CH
SA	0950	E 80 BKN	20			074	93	42	20	07		990	000 1500 75	CH
SA	1050	80 SCT	20			067	96	43	20	20		988		CH
SA	1150	80 SCT	20			066	98	44	20	22 G33		987		CH
SA	1250	80 SCT	20			059	98	44	23	20 G27		985	714 1500	CH
SA	1350	80 SCT	20			049	98	45	23	22 G29		983		CH
SA	1450	80 SCT 250 SCT	20			042	99	45	21	20 G25		981		CH
SA	1556	80 SCT	20			032	99	44	20	10 G22		977	824 1500 00	JP
													RADAT OLAD	
SA	1659	80 SCT	20			031	96	42	23	15 G25		976		JP
SA	1753	CLR	20			029	85	41	22	17		976	FEW Sc	JP
SA	1858	CLR	20			026	92	39	23	14		976	FEW Sc / 603 1500	JP
SA	1959	CLR	20			027	88	36	22	10		976	FEW Sc RADAT 63147	JP
SA	2053	CLR	20			036	85	35	21	03		979	FEW Sc	JP
SA	2152	CLR	20			039	84	37	23	09		980	310 00	JP
SA	2253	CLR	20			041	84	38	19	09		981		JP
SA	2354	CLR	20			041	82	38	25	10		981		JP

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-62) WHICH MAY BE USED.

☆ U.S.GPO:1984-0-764-000/6085

SURFACE WEATHER OBSERVATIONS

DATE JULY 03 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR
00 52	26.460			24	0															0	0	.000			00 01
01 54	26.460			21	0															0					01 02
02 50	26.460			22	0															0					02 03
03 50	26.460			26	0															0	4	.000			03 04
04 50	26.480			27	0															0					04 05
05 50	26.490			25	2															2					05 06
06 50	26.500			20	2	2	SC	80												2	2	.040			06 07
07 50	26.500			20	4															4					07 08
08 50	26.510			20	6															6					08 09
09 50	26.500			17	6	6	SC	E80												6	0	.000			09 10
10 50	26.490			16	3															3					10 11
11 50	26.480			16	3															3					11 12
12 50	26.460			16	3	3	SC	80												3	7	.040			12 13
13 50	26.440			17	3															3					13 14
14 50	26.420			16	3															3					14 15
15 56	26.390			15	1	1	SC	80												1	8	.070			15 16
16 59	26.380			16	1															1					16 17
17 53	26.380			16	0															0					17 18
18 58	26.380			16	0	0	SC	80												0	6	.010			18 19
19 59	26.380			16	0															0					19 20
20 53	26.400			17	0															0					20 21
21 52	26.410			19	0															0	3	.030			21 22
22 53	26.420			20	0															0					22 23
23 54	26.420			21	0															0					23 24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	86	76	X	X						X		
	0348	1	0	0	0	86	76		0								
	0948	2	0	0	0	93	75		0								
	1554	3	0	0	0	100	93		0								
	2150	4	0	0	0	99	84		0								
	MID.	X	0	0	0	84	82	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1556	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.460	26.500	26.390	26.410
BAROGRAPH 64	26.460	26.500	26.400	26.410
BAR. CORR. 65	± 0	± 0	−.010	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD. (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
100	75	0	0	0	34	SW	1316					2	2		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0430 SUNSET 1906

TOTAL SUNSHINE (MIN.) | PERCENT OF POSSIBLE SUNSHINE | CHARACTER OF SUNRISE | CHARACTER OF SUNSET

FASTEST OBSERVED MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1041081173641

SURFACE WEATHER OBSERVATIONS

DATE 04 JULY 1988 | TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0053	CLR	20			038	82	42	23	18	G29	980	000	JP
SA	0155	CLR	20			041	81	41	19	07		981		JP
SA	0251	CLR	20			043	78	41	21	10		981		JP
SA	0350	CLR	20			047	79	41	21	07		982	207 78 RADAT 34143	CH
SA	0450	CLR	20			047	79	41	21	17		982		CH
SA	0550	CLR	20			055	81	42	24	10		984		CH
SA	0650	CLR	20			060	83	42	20	10		985	310	CH
SA	0750	CLR	20			062	84	41	20	19		985		CH
SA	0850	CLR	20			062	87	41	21	20	G29	985		CH
SA	0950	CLR	20			066	88	40	21	24	G32	986	303 76	CH
SA	1050	CLR	20			065	89	38	21	26	G34	986	PK WND 2140/27	CH
SA	1152	CLR	20			066	90	39	19	25	G38	986	PK WND 1938/50	CH
SA	1250	CLR	20			060	91	39	20	23	G32	985	803	CH
SA	1350	CLR	20			058	91	39	20	25	G35	984	PK WND 2040/26	CH
SA	1450	CLR	20			058	92	40	21	20	G32	984	PK WND 2037/04	CH
SA	1553	CLR	20			050	93	39	19	20	G29	982	810 94 RADAT 20155	JP
SA	1654	CLR	20			042	93	38	19	22	G32	980		JP
SA	1756	CLR	20			046	91	36	19	19	G30	981		JP
SA	1855	CLR	20			046	89	34	20	15		981	503	JP
SA	1950	CLR	20			046	88	33	20	12	G21	981		JP
SA	2056	CLR	20			059	82	32	19	03		984		JP
SA	2153	CLR	20			058	82	36	21	08		984	110 94	JP
SA	2258	CLR	20			061	81	39	20	09		985		JP
SA	2353	CLR	20			062	79	38	24	08		985		JP

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-62) WHICH MAY BE USED.

☆ U.S.GPO:1984-0-764-006/6085

04 JULY 1988 | ADD 6 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.410			24	0															0	0	000			00-01
01 55	26.420			24	0															0					01-02
02 51	26.420			27	0															0					02-03
03 50	26.430			26	0															0	2	.020			03-04
04 50	26.430			26	0															0					04-05
05 50	26.450			25	0															0					05-06
06 50	26.460			24	0															0	3	.030			06-07
07 50	26.460			22	0															0					07-08
08 50	26.460			20	0															0					08-09
09 50	26.470			19	0															0	3	.010			09-10
10 50	26.470			17	0															0					10-11
11 52	26.470			17	0															0					11-12
12 50	26.460			16	0															0	8	.010			12-13
13 50	26.450			16	0															0					13-14
14 50	26.450			16	0															0					14-15
15 53	26.430			15	0															0	8	030			15-16
16 54	26.410			15	0															0					16-17
17 56	26.420			14	0															0					17-18
18 55	26.420			14	0															0	5	010			18-19
19 50	26.420			14	0															0					19-20
20 56	26.450			16	0															0					20-21
21 53	26.450			19	0															0	1	030			21-22
22 58	26.460			22	0															0					22-23
23 53	26.460			23	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	84	78	X	X						X		
	0348	1	0	0	0	84	78		0								
	0948	2	0	0	0	88	76		0								
	1551	3	0	0	0	94	88		0								
	2151	4	0	0	0	93	81		0								
	MID.	X	0	0	0	82	79	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1553	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.430	26.470	26.430	26.450
BAROGRAPH 64	26.420	26.460	26.420	26.440
BAR. CORR. 65	+.010	+.010	0	+010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND: SPEED (Kts.) 71	PEAK WIND: DIRECTION 72	PEAK WIND: TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.): TOP 75	FROZEN GROUND LAYER (Ins.): BASE 76	RIVER GAGE 77	SKY COVER: SUNRISE TO SUNSET 78	SKY COVER: MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
94	76	0	0	0	40	5	1826					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0430 SUNSET 1906

TOTAL SUNSHINE (MIN.) | PERCENT OF POSSIBLE SUNSHINE | CHARACTER OF SUNRISE | CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. | ASSOCIATED DIRECTION | TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1 0410P/1839P/

1/ LAST OF SEVERAL OCCURRENCES

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE 05 July 1988

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00=36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0056	CLR	20			062	78	39	22	11		985	103	JP
SA	0152	CLR	20			068	75	40	36	05		986		JP
SA	0250	CLR	20			068	75	41	09	04		986		JP
SA	0350	CLR	20			074	69	40	05	07		987	207 68 RADAT 20152	CH
SA	0450	CLR	20			080	73	40	00	00		990		CH
SA	0550	CLR	20			087	76	41	00	00		992		CH
SA	0650	CLR	20			089	80	39	01	04		993	217	CH
SA	0750	CLR	20			092	83	38	24	18		994		CH
SA	0850	CLR	20			093	87	34	22	18		994		CH
SA	0950	CLR	20			092	90	36	22	18	G25	994	103 68	CH
SA	1050	CLR	20			087	92	38	22	23	G32	993		CH
SA	1150	CLR	20			085	92	38	22	25	G34	992		CH
SA	1250	CLR	20			081	93	39	21	26	G34	991	PKWND 2136/30 / 710	CH
SA	1350	CLR	20			082	94	40	21	23	G33	991	PKWND 2136/13	CH
SA	1450	CLR	20			077	95	41	21	20	G26	990		CH
SA	1553	CLR	20			073	94	40	20	14	G22	987	810 95 RADAT DLAD	JP
SA	1654	CLR	20			072	93	38	21	17		987	RADAT 20158	JP
SA	1756	CLR	20			071	91	36	18	16		987		JP
SA	1853	CLR	20			071	88	35	18	10		987	400	JP
SA	1958	CLR	20			071	82	34	17	08		987		JP
SA	2056	CLR	20			071	79	33	14	09		987		JP
SA	2155	CLR	20			071	77	32	15	08		987	400 95	JP
SA	2256	CLR	20			075	75	30	23	10		988		JP
SA	2357	CLR	20			079	74	28	26	06		990		JP

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

SURFACE WEATHER OBSERVATIONS

DATE 05 JULY 1988

To convert LST to GMT ADD 2 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 56	26.460			25	0															0	1	010			00-01
01 52	26.470			28	0															0					01-02
02 50	26.470			30	0															0					02-03
03 50	26.480			35	0															0	2	.020			03-04
04 50	26.500			30	0															0					04-05
05 50	26.520			29	0															0					05-06
06 50	26.530			23	0															0	2	.050			06-07
07 50	26.540			20	0															0					07-08
08 50	26.540			15	0															0					08-09
09 50	26.540			15	0															0	1	.010			09-10
10 50	26.530			15	0															0					10-11
11 50	26.520			15	0															0					11-12
12 50	26.510			15	0															0	7	.030			12-13
13 50	26.510			15	0															0					13-14
14 50	26.500			16	0															0					14-15
15 53	26.480			15	0															0	8	030			15-16
16 54	26.480			15	0															0					16-17
17 56	26.480			14	0															0					17-18
18 53	26.480			15	0															0	4	000			18-19
19 58	26.480			18	0															0					19-20
20 50	26.480			19	0															0					20-21
21 55	26.480			19	0															0	4	000			21-22
22 56	26.490			19	0															0					22-23
23 57	26.500			18	0															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	79	68	X	X						X		
	0348	1	0	0	0	82	68		0								
	0948	2	0	0	0	90	68		0								
	1551	3	0	0	0	95	89		0								
	2153	4	0	0	0	94	77		0								
	MID.	X	0	0	0	77	73	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1553	2155
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.480	26.540	26.480	26.480
BAROGRAPH 64	26.480	26.535	26.500	26.500
BAR. CORR. 65	± 0	+.005	-020	-020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER TOP 75	FROZEN GROUND LAYER BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
95	68	0	0	0	36	SW	1313					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0431 SUNSET 1906

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1041IP/2128P1

✓ LAST OF SEVERAL OCCURRENCES —

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION WSMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE 06 JULY 1988

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0054	CLR	20			079	74	29	00	00		990	107	JP
SA	0155	CLR	20			083	72	31	00	00		991		JP
SA	0250	CLR	20			086	72	32	13	06		992		JP
SA	0350	CLR	20			086	68	34	32	03		992	107 67 RADAT 23154	DCa
SA	0450	CLR	20			096	67	35	36	06		994		DCa
SA	0550	CLR	20			098	76	39	11	04		995		DCa
SA	0650	CLR	20			102	80	39	23	15		996	114	DCa
SA	0750	CLR	20			103	84	36	22	14		996		DCa
SA	0850	CLR	20			106	88	37	19	12G21		997		DCa
SA	0952	CLR	20			102	89	38	21	13G26		996	000 66	DCa
SA	1050	CLR	20			102	91	39	22	14G24		996		DCa
SA	1150	CLR	20			102	92	39	21	12G25		996		DCa
SA	1253	CLR	20			095	94	41	24	14G25		994	807	DCa
SA	1351	CLR	20			089	95	40	20	12G23		993		DCa
SA	1450	CLR	20			086	95	42	23	15G24		992		DCa
SA	1553	CLR	20			084	95	40	22	15G23		991	710 96 RADAT 21164	JP
SA	1655	CLR	20			081	95	39	19	15		990		JP
SA	1756	CLR	20			078	93	37	20	14		990		JP
SA	1853	CLR	20			077	91	36	20	12		990	603	JP
SA	1954	CLR	20			076	86	33	19	06		990		JP
SA	2052	CLR	20			085	81	30	09	04		992		JP
SA	2154	CLR	20			095	75	28	10	05		994	314 96	JP
SA	2256	CLR	20			094	74	29	36	06		994		JP
SA	2357	CLR	20			094	73	30	04	07		994		JP

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii iRixhVV Nddff 1s-TTT 2snTdTdTd 3PoPoPoPo 4PPPP 5appp 6RRRtR 7wwW1W2 8NhCLCMCH plus regional and national data groups.

FORM (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK, NEVADA

DATE: 06 JULY 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

SURFACE WEATHER OBSERVATIONS

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 54	26.500			19	0															0	1	020			00-01
01 55	26.510			22	0															0					01-02
02 50	26.520			23	0															0					02-03
03 50	26.520			28	0															0	1	.020			03-04
04 50	26.535			31	0															0					04-05
05 50	26.550			26	0															0					05-06
06 50	26.560			23	0															0	1	.040			06-07
07 50	26.560			18	0															0					07-08
08 50	26.570			17	0															0					08-09
09 52	26.560			17	0															0	0	000			09-10
10 50	26.560			16	0															0					10-11
11 50	26.560			16	0															0					11-12
12 53	26.540			16	0															0	8	.020			12-13
13 51	26.530			15	0															0					13-14
14 50	26.520			16	0															0					14-15
15 53	26.510			15	0															0	7	030			15-16
16 55	26.500			14	0															0					16-17
17 56	26.500			14	0															0					17-18
18 53	26.500			15	0															0	6	010			18-19
19 54	26.500			15	0															0					19-20
20 52	26.520			16	0															0					20-21
21 54	26.540			18	0															0	3	040			21-22
22 56	26.540			19	0															0					22-23
23 57	26.540			20	0															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	77	67	X	X						X		
	0348	1	0	0	0	77	67		0								
	0948	2	0	0	0	89	66		0								
	1551	3	0	0	0	96	89		0								
	2152	4	0	0	0	96	75		0								
	MID.	X	0	0	0	75	73	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1553	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.570	26.560	26.510	26.540
BAROGRAPH 64	26.535	26.575	26.530	26.535
BAR. CORR. 65	-.015	-.015	-.020	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER TOP 75	FROZEN GROUND LAYER BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
96	66	0	0	0	30	SW	1210					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0431 SUNSET 1906

TOTAL SUNSHINE (MIN.) | PERCENT OF POSSIBLE SUNSHINE | CHARACTER OF SUNRISE | CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. | ASSOCIATED DIRECTION | TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1040 PST 20 08 91

J LAST OF SEVERAL OCCURRENCES –

SURFACE WEATHER OBSERVATIONS

DATE 07 JULY 1988

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00–36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0053	CLR	20			097	74	30	04	05		995	303	TP
SA	0158	CLR	20			100	74	31	03	05		996		TP
SA	0250	CLR	20			102	70	31	02	06		996	103	TP
SA	0350	CLR	20			102	73	32	02	06		996	~~803~~ 70 RADAT 26156	DC
SA	0450	CLR	20			109	72	33	04	06		999		DC
SA	0551	CLR	20			116	76	35	00	00		001		DC
SA	0653	CLR	20			120	82	38	35	03		003	220	DC
SA	0755	CLR	20			120	86	39	26	03		003		DC
SA	0855	CLR	20			116	91	37	21	12	G22	001		DC
SA	0950	CLR	20			120	93	37	23	12	G24	003	500 70	DC
SA	1052	CLR	20			119	94	41	21	15	G25	002		DC
SA	1150	CLR	20			116	95	42	20	18	G27	001		DC
SA	1250	CLR	20			110	96	44	21	15	G27	999	814	DC
SA	1352	CLR	20			104	97	45	20	16	G26	997		DC
SA	1450	CLR	20			096	98	46	23	18	G27	995		DC
SA	1550	CLR	20			090	98	46	21	14	G21	994	715 99 RADAT 20159	008
SA	1653	CLR	20			091	96	45	22	14	G19	993		008
SA	1750	CLR	20			083	95	44	21	16	G21	992		008
SA	1849	CLR	20			080	93	42	21	17	G22	992	607	008
SA	1950	CLR	20			087	91	41	20	12		994		008
SA	2053	CLR	20			093	89	39	20	09		996		008
SA	2150	CLR	20			098	82	33	05	05		997	117 99	008
SA	2254	CLR	20			105	79	32	02	08		999		008
SA	2353	CLR	20			107	77	32	04	06		999		008

A synoptic observation using WMO code FM12–VII, as described in FMH–2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1–10 A (1–82) WHICH MAY BE USED.

☆ U.S.GPO:1984-0-764-006/6085

SURFACE WEATHER OBSERVATIONS

DATE 07 July 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.550			20	0															0	3	.010			00-01
01 58	26.560			21	0															0					01-02
02 50	26.560			24	0															0					02-03
03 50	26.560			22	0															0	1	.010			03-04
04 50	26.580			24	0															0					04-05
05 51	26.600			23	0															0					05-06
06 53	26.620			19	0															0	2	.060			06-07
07 55	26.620			19	0															0					07-08
08 55	26.600			15	0															0					08-09
09 50	26.620			14	0															0	5	.000			09-10
10 52	26.610			17	0															0					10-11
11 50	26.600			16	0															0					11-12
12 50	26.580			17	0															0	8	.040			12-13
13 52	26.570			17	0															0					13-14
14 50	26.545			17	0															0					14-15
15 50	26.535			17	0															0	7	.045			15-16
16 53	26.530			18	0															0					16-17
17 50	26.515			18	0															0					17-18
18 49	26.515			17	0															0	6	.020			18-19
19 50	26.535			18	0															0					19-20
20 53	26.555			17	0															0					20-21
21 50	26.565			17	0															0	1	.050			21-22
22 54	26.575			18	0															0					22-23
23 53	26.580			19	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	74	70	X	X						X		
	0349	1	0	0	0	75	70		0								
	0949	2	0	0	0	93	70		0								
	1549	3	0	0	0	99	93		0								
	2150	4	0	0	0	98	82		0								
	MID.	X	0	0	0	82	76	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1549	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.560	26.620	26.535	26.565
BAROGRAPH 64	26.565	26.625	26.555	26.580
BAR. CORR. 65	-.005	-.005	-.020	-.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 4AM. 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
99	70	0	0	0	27	SW	1447*					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0432 SUNSET 1906

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1034 AST 1638 P

0350/0350 * LAST OF SEVERAL OCCURANCES.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

[illegible], DESERT ROCK NEVADA

DATE 08 JULY 1988

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00–36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0055	CLR	20			100	80	33	01	05		997	002	008
SA	0160	CLR	20			100	74	32	04	10		996		008
SA	0255	CLR	20			100	73	33	02	09		996		008
SA	0352	CLR	20			107	74	33	03	07		999	303 72 RADAT 22153	DCa
SA	0450	CLR	20			114	71	33	04	08		000		DCa
SA	0550	CLR	20			117	76	34	18	03		001		DCa
SA	0650	CLR	20			119	83	36	25	03		002	210	DCa
SA	0750	CLR	20			122	88	38	31	06		004		DCa
SA	0850	CLR	20			122	91	41	30	07		004		DCa
SA	0950	CLR	20			120	93	42	28	10		003	003 ~~72~~ 71	DCa
SA	1051	CLR	20			117	96	43	24	15		002		DCa
SA	1150	CLR	20			112	99	45	23	13	G23	001	SML Cu SE	DCa
SA	1250	CLR	20			099 ~~009~~	99	46	23	10	G25	997	FEW Cu SE/817 1100	DCa
SA	1350	CLR	20			093	102	46	24	14	G23	995	FEW Cu SE	DCa
SA	1450	CLR	20			083	101	46	24	12	G24	992	FEW Cu E-SE	DCa
SA	1554	CLR	20			082	101	46	25	12	G19	992	617 02 RADAT 20160	008
SA	1653	CLR	20			077	99	44	25	16	G22	990		008
SA	1757	CLR	20			075	98	43	26	11	G20	990		008
SA	1850	CLR	20			078	95	42	25	08		991	503	008
SA	1955	CLR	20			081	89	36	32	03		992		008
SA	2055	CLR	20			089	80	32	06	06		993		008
SA	2150	CLR	20			088	79	30	05	08		993	107 02	008
SA	2257	CLR	20			086	78	30	36	03		993		008
SA	2350	CLR	20			089	76	28	06	08		994		008

A synoptic observation using WMO code FM12–VII, as described in FMH–2, is entered on line following related Basic observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW_1W_2 8$N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1–10 A (1–82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

SURFACE WEATHER OBSERVATIONS

08 JULY 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 55	26.570			18	0															0	0	+.005			00-01
01 50	26.560			21	0															0					01-02
02 55	26.560			23	0															0					02-03
03 52	26.580			22	0															0	3	.010			03-04
04 50	26.590			25	0															0					04-05
05 50	26.600			22	0															0					05-06
06 50	26.610			19	0															0	2	.030			06-07
07 50	26.630			17	0															0					07-08
08 50	26.630			18	0															0					08-09
09 50	26.620			17	0															0	0	.010			09-10
10 57	26.610			16	0															0					10-11
11 50	26.595			16	0															0					11-12
12 50	26.570			17	0	0	Cu	60												0	8	.050			12-13
13 50	26.550			16	0															0					13-14
14 50	26.520			16	0															0					14-15
15 54	26.520			16	0															0	6	.050			15-16
16 53	26.500			16	0															0					16-17
17 57	26.500			15	0															0					17-18
18 50	26.510			16	0															0	5	.010			18-19
19 55	26.520			15	0															0					19-20
20 55	26.530			18	0															0					20-21
21 50	26.530			17	0															0	1	.020			21-22
22 57	26.530			17	0															0					22-23
23 50	26.540			17	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350		0	0		80	72										
	0350	1	0	0	0	82	72		0								
	0948	2	0	0	0	93	71		0								
	1553	3	0	0	0	102	93		0								
	2149	4	0	0	0	101	79		0								
	MID.		0	0	0	79	76										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0949	1553	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.580	26.620	26.520	26.530
BAROGRAPH 64	26.590	26.635	26.545	26.555
BAR. CORR. 65	-.010	-.015	+.025	-.025

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
102	71	0	0	0	26	SW	1430					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0433 SUNSET 1905

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 10403 PST / 1849P /

0950/0950

1250/1250

MF1-10B (4-86) SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-383

SURFACE WEATHER OBSERVATIONS

DATE 09 JULY 1988

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0055	CLR	20			086	77	29	03	07		993	000	
SA	0154	CLR	20			085	76	30	03	06		993		
SA	0250	CLR	20			085	74	30	03	06		993		
SA	0353	CLR	20			089	72	30	05	05		994	303 7H'RADAT47149	
SA	0452	CLR	20			096	70	31	10	05		995		
SA	0553	CLR	20			099	78	34	00	00		996		
SA	0654	CLR	20			102	83	35	19	03		997	210	
SA	0752	CLR	20			105	90	39	28	05		999		
SA	0850	CLR	20			102	91	40	25	06		997	*	
SA	0950	CLR	20			096	94	42	24	05		995	807 1100 69 * FEW Cu SE	
SA	1052	CLR	20			098	97	45	24	11		996	Cu NW-SE	
SA	1150	CLR	20			091	99	47	24	13		994	Cu NW-SE	
SA	1250	60 SCT	20			081	102	50	25	11		992	K LYR S/810 1100	
SA	1350	—X 60 SCT	20			070	101	51	24	06		988	K2	
SA	1450	—X 60 SCT	20			060	103	52	32	05		985	K3	
SA	1555	60 SCT	20			055	103	52	28	06		984	K SE/624 1100 03 RADAT 36153	
SA	1650	60 SCT	20			059	102	50	20	08		984	K SE	
SA	1755	60 SCT	20			051	100	48	23	10		983	K SE	
SA	1850	CLR	20			050	97	46	23	08		983	K SE/603	
SA	1950	CLR	20			057	91	43	02	03		984		
SA	2051	CLR	20			056	90	40	36	03		985		
SA	2150	CLR	20			055	86	37	36	06		985	005 ~~103~~ 03	
SA	2255	CLR	20			057	80	31	03	08		985		
SA	2355	CLR	20			054	83	32	31	07		985		

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5oppp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

SURFACE WEATHER OBSERVATIONS

DATE 09 JULY 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 55	26.530			17	0															0	0	.000			00-01
01 54	26.530			18	0															0					01-02
02 50	26.530			20	0															0					02-03
03 53	26.540			21	0															0	3	.010			03-04
04 52	26.550			23	0															0					04-05
05 53	26.560			20	0															0					05-06
06 54	26.570			18	0															0	2	.030			06-07
07 52	26.580			17	0															0					07-08
08 50	26.570			17	0															0					08-09
09 50	26.550			17	0	0	Cu	60												0	8	.020			09-10
10 52	26.560			17	0															0					10-11
11 50	26.540			17	0															0					11-12
12 50	26.520			18	1	1	Cu	60												0	8	.030			12-13
13 50	26.490			19	3															2					13-14
14 50	26.460			19	3															2					14-15
15 55	26.450			19	1	1	cu	60												1	6	.070			15-16
16 50	26.450			18	1															1					16-17
17 55	26.440			18	1															1					17-18
18 50	26.440			18	0															0	6	.010			18-19
19 50	26.445			19	0															0					19-20
20 51	26.460			17	0															0					20-21
21 50	26.455			18	0															0	0	.015			21-22
22 55	26.455			17	0															0					22-23
23 55	26.455			16	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349		0	0		77	71										
	0349	1	0	0	0	79	71		0								
	0949	2	0	0	0	94	69		0								
	1554	3	0	0	0	103	94		0								
	2149	4	0	0	0	103	85		0								
	MID.		0	0	0	86	80										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1554	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.540	26.550	26.450	26.455
BAROGRAPH 64	26.560	26.550	26.455	26.445
BAR. CORR. 65	-.020	0 *	-.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
103	69	0	0	0	20	SW	1726					1	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0433 SUNSET 1905

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1041 0PST 1556P

* RESET MIRO BAROGRAPH 0353/0353

0950/0950

2150/03/2150

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION WSMO, DESERT ROCK, NEVADA

SURFACE WEATHER OBSERVATIONS

DATE 10 JULY 1988

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0055	CLR	20			056	80	37	04	07		985	302	00
SA	0157	CLR	20			059	75	30	03	04		985		00
SA	0250	CLR	20			055	74	29	04	06		984		00
SA	0350	CLR	20			058	75	29	04	10		985	500 73 RADAT 42152	AO
SA	0450	CLR	20			066	75	28	04	10		987		AO
SA	0550	CLR	20			067	81	32	05	06		988		AO
SA	0650	CLR	20			071	88	36	26	04		990	214	AO
SA	0750	CLR	20			072	90	36	24	09		990		AO
SA	0850	CLR	20			072	93	38	23	09		990		AO
SA	0950	CLR	20			063	99	41	22	18		987	807 73	AO
SA	1050	CLR	20			064	101	43	20	18 G27		987		AO
SA	1150	CLR	20			060	101	44	21	16 G27		986		AO
SA	1250	CLR	20			053	102	44	25	15 G26		984	810	AO
SA	1350	CLR	20			047	103	45	23	21 G30		982		AO
SA	1450	CLR	20			040	102	45	23	24 G33		980		AO
SA	1554	CLR	20			032	102	45	21	17 G27		977	720 1100 04 RADAT 31154	[illegible]
SA	1653	CLR	20			029	101	44	23	20 G28		976		[illegible]
SA	1750	CLR	20			027	99	42	19	19 G26		976		[illegible]
SA	1852	CLR	20			025	97	40	20	17 G25		976	603 1400	[illegible]
SA	1953	CLR	20			028	96	39	21	13 G21		977		[illegible]
SA	2051	CLR	20			035	94	45	23	13 G19		980		[illegible]
SA	2150	CLR	20			033	93	46	21	16 G25		980	110 04	[illegible]
SA	2250	CLR	20			036	92	47	23	17 G23		981		[illegible]
SA	2352	CLR	20			036	92	47	22	12		981		[illegible]

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7ww_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

SURFACE WEATHER OBSERVATIONS

DATE 10 JULY 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 55	26.460			17	0															0	3	.005			00-01
01 57	26.460			19	0															0					01-02
02 50	26.450			19	0															0					02-03
03 50	26.460			18	0															0	5	.000			03-04
04 50	26.480			18	0															0					04-05
05 50	26.490			17	0															0					05-06
06 50	26.500			16	0															0	2	.040			06-07
07 50	26.500			15	0															0					07-08
08 50	26.500			15	0															0					08-09
09 50	26.480			14	0															0	8	.020			09-10
10 50	26.480			14	0															0					10-11
11 50	26.470			15	0															0					11-12
12 50	26.450			14	0															0	8	.030			12-13
13 50	26.430			14	0															0					13-14
14 50	26.410			15	0															0					14-15
15 54	26.390			15	0	0	cu	90												0	7	.060			15-16
16 53	26.380			15	0															0					16-17
17 50	26.380			14	0															0					17-18
18 52	26.380			14	0	0	sc	90												0	6	.010			18-19
19 53	26.390			14	0															0					19-20
20 51	26.410			19	0															0					20-21
21 50	26.410			20	0															0	1	.030			21-22
22 50	26.420			22	0															0					22-23
23 52	26.420			22	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350		0	0		83	73										
	0350	1	0	0	0	86	73		0								
	0950	2	0	0	0	99	75		0								
	1550	3	0	0	0	104	98		0								
	2146	4	0	0	0	103	92		0								
	MID.		0	0	0	93	91										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1554	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.460	26.480	26.390	26.410
BAROGRAPH 64	26.450	26.480	26.385	26.395
BAR. CORR. 65	+.010	±0	+.005	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
104	73	0	0	0	33	SW	1443					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0434 SUNSET 1905

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: / 0400 / 1602 /

0055 / 0355

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION

WSMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE JULY 11-1988

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0054	CLR	20			041	90	46	27	07		982	207	[illegible]
SA	0150	CLR	20			046	86	38	02	06		983		[illegible]
SA	0257	CLR	20			055	84	40	33	08		985		[illegible]
SA	0350	CLR	20			064	80	39	23	09		987	317 80 RADAT 43154	AD
SA	0450	CLR	20			070	84	43	22	13	G24	990		AD
SA	0550	CLR	20			079	84	46	23	18	G26	992		AD
SA	0650	CLR	20			086	87	46	23	17	G26	994	220	AD
SA	0750	CLR	20			094	89	48	22	17	G24	996		AD
SA	0850	CLR	20			094	89	48	22	25	G34	996		AD
SA	0950	CLR	20			094	91	47	22	22	G33	996	107 78 PK WND 2237/1658	AD
SA	1050	CLR	20			094	93	45	20	18	G27	996		AD
SA	1150	CLR	20			093	95	46	20	20	G30	996		AD
SA	1250	CLR	20			083	95	45	20	22	G35	993	810 PK WND 1938/02	AD
SA	1350	CLR	20			075	97	46	21	22	G35	991		AD
SA	1450	CLR	20			068	96	48	21	20	G31	988		AD
SA	1557	CLR	20			066	98	46	22	17	G24	987	617 98 RADAT 20160	[illegible]
SA	1652	CLR	20			065	96	45	20	16	G29	987		[illegible]
SA	1750	CLR	20			065	96	43	21	23	G30	987	CS W-N	[illegible]
SA	1850	CLR	20			065	93	41	22	16	G26	987	CS W-N / 400 1008	[illegible]
SA	1950	250-SCT	20			065	91	39	24	12	G21	987		[illegible]
SA	2052	250-SCT	20			070	89	40	25	14		988		[illegible]
SA	2152	250-SCT	20			070	86	40	22	09		988	103 1008 98	[illegible]
SA	2250	250-SCT	20			072	87	42	29	11		990		[illegible]
SA	2355	250-SCT	20			082	79	34	02	06		992		[illegible]

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x hVV$ Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-000/6385

SURFACE WEATHER OBSERVATIONS

DATE JULY 11-1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 54	26.430			22	0															0	2	.020			00-01
01 50	26.440			18	0															0					01-02
02 51	26.460			21	0															0					02-03
03 50	26.480			23	0															0	3	.050			03-04
04 50	26.500			24	0															0					04-05
05 50	26.520			27	0															0					05-06
06 50	26.540			24	0															0	2	.060			06-07
07 50	26.560			25	0															0					07-08
08 50	26.560			25	0															0					08-09
09 50	26.560			22	0															0	1	.020			09-10
10 50	26.560			19	0															0					10-11
11 50	26.560			19	0															0					11-12
12 50	26.530			18	0															0	8	.030			12-13
13 50	26.510			18	0															0					13-14
14 50	26.490			20	0															0					14-15
15 57	26.480			17	0															0	6	.050			15-16
16 52	26.480			18	0															0					16-17
17 50	26.480			16	0															0					17-18
18 50	26.480			17	0	0	CS	250												0	4	.000			18-19
19 50	26.480			16	2															1					19-20
20 52	26.490			18	2															1					20-21
21 52	26.490			20	3	3	CS	250												1	1	.010			21-22
22 50	26.500			21	3															1					22-23
23 55	26.520			20	3															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350		0	0		92	80										
	0350	1	0	0	0	93	80		0								
	0950	2	0	0	0	91	78		0								
	1553	3	0	0	0	98	91		0								
	2148	4	0	0	0	98	86		0								
	MID.		0	0	0	87	79										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1553	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.480	26.480	26.480	26.470
BAROGRAPH 64	26.450	26.460	26.465	26.465
BAR. CORR. 65	+.030	+.020	+.015	+.025

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	0400 SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
98	78	0	0	0	38	S	1202					0	1		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0434 SUNSET 1904

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: / 0400 / 1712 /

0950/0950

MF1-10B (4-86) SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-383

NATIONAL WEATHER SERVICE

WSMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE JULY 12 - 1988

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVERS INITIALS (15)
SA	0053	250 - SCT	20			092	77	38	33	05		994	317 1008	[illegible]
SA	0153	250 - SCT	20			090	77	37	30	07		994		[illegible]
SA	0252	250 - SCT	20			100	75	36	29	09		996		[illegible]
SA	0350	250 - SCT	20			107	73	38	35	05		999	314 1008 73 RADAT 31153	AO
SA	0450	250 - SCT	20			118	68	36	03	05		001		AO
SA	0550	250 - SCT	20			123	74	41	00	00		003		AO
SA	0650	250 - SCT	20			130	77	42	25	11		005	220 1001	AO
SA	0750	250 - BKN	20			134	79	42	22	06		006		AO
SA	0850	250 - BKN	20			130	83	42	24	08		005		AO
SA	0950	250 - BKN	20			130	84	42	21	04		005	000 1001 68	AO
SA	1050	250 - SCT	20			124	88	41	28	05		004		AO
SA	1150	250 - SCT	20			122	91	42	24	12		003		AO
SA	1250	250 - SCT	20			115	93	43	22	12		001	714 1001	AO
SA	1350	250 - SCT	20			111	94	44	24	07		000		AO
SA	1450	250 - SCT	20			107	95	44	23	11		999		AO
SA	1554	250 - SCT	20			102	95	44	20	11		996	814 1001 97 RADAT 30169	[illegible]
SA	1650	250 - SCT	20			103	95	43	21	12		996		[illegible]
SA	1752	250 - SCT	20			098	93	42	23	13		995		[illegible]
SA	1850	250 SCT	20			098	90	40	23	10		995	603 1001	[illegible]
SA	1952	250 SCT	20			102	87	38	23	11		996		[illegible]
SA	2053	250 SCT	20			105	84	36	25	05		997		[illegible]
SA	2150	250 SCT	20			107	80	35	02	07		997	107 1001 97	[illegible]
SA	2256	CLR	20			106	77	34	04	10		997	FEW CI	[illegible]
SA	2350	CLR	20			106	76	34	07	07		997		[illegible]

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

SURFACE WEATHER OBSERVATIONS

DATE JULY 12 - 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.540			25	3	3	CS	250												1	3	.050			00-01
01 53	26.540			24	3															1					01-02
02 52	26.560			24	2															0					02-03
03 50	26.580			28	1	1	CS	250												0	3	.040			03-04
04 50	26.600			31	4															0					04-05
05 50	26.620			31	2															0					05-06
06 50	26.640			29	4	4	CI	250												0	2	.060			06-07
07 50	26.650			27	6															0					07-08
08 50	26.640			24	6															0					08-09
09 50	26.640			23	8	8	CI	250												1	0	.000			09-10
10 50	26.630			19	5															0					10-11
11 50	26.620			18	2															0					11-12
12 50	26.600			18	2	2	CI	250												0	7	.040			12-13
13 50	26.590			18	3															0					13-14
14 50	26.580			17	3															0					14-15
15 54	26.560			17	4	4	CI	250												1	8	.040			15-16
16 50	26.560			17	4															1					16-17
17 52	26.550			17	2															0					17-18
18 50	26.550			18	1	1	CI	250												1	6	.010			18-19
19 52	26.560			18	1															1					19-20
20 53	26.570			18	1															1					20-21
21 50	26.570			20	1	1	CI	250												1	1	.020			21-22
22 56	26.570			21	0															0					22-23
23 50	26.570			22	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	79	73	X	X						X		
	0350	1	0	0	0	87	73		0								
	0950	2	0	0	0	85	68		0								
	1550	3	0	0	0	97	84		0								
	2146	4	0	0	0	96	79		0								
	MID.	X	0	0	0	80	76	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1554	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.580	26.640	26.560	26.570
BAROGRAPH 64	26.560	26.630	26.545	26.550
BAR. CORR. 65	+.020	+.010	+.015	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	0400 SNOW DEPTH (Ins.) 70	PEAK WIND: SPEED (Kts.) 71	DIRECTION 72	TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.): TOP 75	BASE 76	RIVER GAGE 77	SKY COVER: SUNRISE TO SUNSET 78	MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
97	68	0	0	0	20	SW	1703*					H	3		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0435 SUNSET 1904

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 0500 / 1735 / /

* LAST OF SEVERAL OCCURANCES

NT 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION **WSMO, DESERT ROCK NEVADA**

SURFACE WEATHER OBSERVATIONS

DATE JULY 13-1988

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0054	250-SCT	20			106	73	34	03	07		997	400 1001	MR
SA	0153	250-SCT	20			102	73	34	30	03		996		MR
SA	0250	CLR	20			103	70	34	08	04		996		MR
SA	0355	CLR	20			107	68	34	05	02		997	500 1001 67 RADAT 37168	MR
SA	0453	CLR	20			111	68	33	06	03		999		MR
SA	0553	CLR	20			117	72	35	17	02		001		MR
SA	0653	CLR	20			117	80	36	00	00		002	112 1031	MR
SA	0752	CLR	20			118	85	38	24	03		002		MR
SA	0851	CLR	20			115	89	39	23	02		002		MR
SA	0955	250 SCT	20			115	92	40	06	04		001	8/602 1002 67	MR
SA	1053	250 SCT	20			110	95	42	21	12		000		MR
SA	1153	250 SCT	20			110	96	44	25	12G	23	000		MR
SA	1253	250 SCT	20			100	99	46	22	12G	16	996	714 1002	MR
SA	1351	250 SCT	20			091	100	46	24	11G	21	994		MR
SA	1453	250 SCT	20			085	99	45	20	18G	25	992		MR
SA	1558	250 SCT	20			075	99	46	23	18G	24	988	824 1002 01	DC
													RADAT 28166	
SA	1653	250-SCT	20			071	98	46	23	18G	26	987		DC
SA	1757	250 SCT	20			074	96	44	21	14G	23	988		DC
SA	1856	250 SCT	20			073	92	41	21	13		988	500 1002	DC
SA	1957	250-SCT	20			078	90	40	24	13		991		DC
SA	2056	250-SCT	20			080	86	34	25	11		992		DC
SA	2157	CLR	20			080	84	33	20	09		992	108 01	DC
SA	2256	CLR	20			079	84	33	15	07		992		DC
SA	2358	CLR	20			085	81	27	18	04		993		DC

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆ U.S. GPO:1990-0-784-000/20195

(4-82)

NATIONAL WEATHER SERVICE

WSMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE JULY 13 -1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 54	26.570			24	1	1	CI	250												0	4	.000			00-01
01 53	26.560			24	2															0					01-02
02 50	26.560			27	0															0					02-03
03 55	26.570			28	0	0	CI	250												0	5	.000			03-04
04 53	26.580			28	0															0					04-05
05 53	26.600			25	0															0					05-06
06 53	26.605			21	0	0	AC	170	0	CI	250	0								0	1	.035			06-07
07 52	26.610			18	0															0					07-08
08 51	26.605			18	0															0					08-09
09 55	26.600			17	1	1	CI	250												1	8	.005			09-10
10 53	26.585			16	1															1					10-11
11 53	26.585			17	1															1					11-12
12 53	26.560			17	2	2	CI	250												2	7	.040			12-13
13 51	26.540			16	2															2					13-14
14 53	26.520			16	3															2					14-15
15 58	26.490			17	2	2	CI	250												2	8	.070			15-16
16 53	26.480			17	2															1					16-17
17 57	26.485			17	1															1					17-18
18 56	26.490			17	1	1	CI	250												1	5	.000			18-19
19 57	26.510			18	4															2					19-20
20 56	26.515			16	1															0					20-21
21 57	26.515			16	0															0	1	.025			21-22
22 56	26.515			16	0															0					22-23
23 58	26.530			14	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	77	67	X	X						X		
	0350	1	0	0	0	80	67		0								
	0953	2	0	0	0	93	67		0								
	1550	3	0	0	0	101	92		0								
	2150	4	0	0	0	100	84		0								
	MID.	X	0	0	0	87	76	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0956	1554	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.570	26.600	26.490	26.515
BAROGRAPH 64	26.550	26.600	26.490	26.510
BAR. CORR. 65	+.020	0*	0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	0400 SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73 **	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
101	67	0	0	0	28	SW	1707					1	1		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0436 SUNSET 1904

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK -- CLOCK CORRECT TO NEAREST MINUTE AT: 1035P / 2000P /

0453 / 0453

*0956 BAROGRAPH CHANGED AND RESET TO ZERO CORR

0955 APP 002 CHANGED TO 802 AT 1920 P

** LAST OF SEVERAL OCCURRENCES

NATIONAL WEATHER SERVICE

WSMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE JUL 14 1986

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0055	CLR	20			083	74	25	05	09		992	002	DC
SA	0156	CLR	20			082	74	26	04	09		992		DC
SA	0255	CLR	20			085	73	28	06	09		992		DC
SA	0355	CLR	20			088	71	27	12	04		993	303 71 RADAT 20165	MR
SA	0451	CLR	20			097	69	26	13	07		995		MR
SA	0535	CLR	20			102	73	29	28	03		997		MR
SA	0634	CLR	20			106	81	31	00	00		999	217	MR
SA	0753	CLR	20			105	86	34	25	03		999		MR
SA	0851	CLR	20			105	89	36	25	07		999		MR
SA	0956	CLR	20			106	92	37	25	07		000	302 67	MR
SA	1052	CLR	20			100	94	38	22	08		997		MR
SA	1157	CLR	20			100	97	41	15	11		997		MR
SA	1251	CLR	20			091	99	42	24	14	G26	994	815 1001	MR
SA	1354	CLR	20			086	100	43	20	17	G24	993		MR
SA	1452	CLR	20			079	100	42	22	16	G24	991		MR
SA	1558	CLR	20			071	99	42	23	18	G27	988	819 01 RADAT 20166	DC
SA	1657	CLR	20			070	98	41	22	20	G25	987		DC
SA	1753	CLR	20			069	96	39	22	19	G23	987		DC
SA	1856	CLR	20			069	93	36	21	15	G21	988	500	DC
SA	1958	CLR	20			075	91	35	24	14		991		DC
SA	2058	CLR	20			081	90	37	20	13		993		DC
SA	2157	CLR	20			082	89	37	21	12		993	115 01	DC
SA	2254	CLR	20			088	86	37	20	06		994		DC
SA	2358	CLR	20			094	77	30	03	05		995		DC

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆ U.S.GPO:1984-0-764-003/6085

(4-86)

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE **JUL 14 1988**

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 55	26.520			16	0															0	0	.005			00-01
01 56	26.520			17	0															0					01-02
02 55	26.520			19	0															0					02-03
03 55	26.530			20	0															0	3	.010			03-04
04 51	26.550			20	0															0					04-05
05 55	26.565			20	0															0					05-06
06 54	26.580			17	0															0	2	.050			06-07
07 53	26.580			16	0															0					07-08
08 51	26.580			15	0															0					08-09
09 56	26.585			15	0															0	3	.005			09-10
10 52	26.570			14	0															0					10-11
11 57	26.570			15	0															0					11-12
12 51	26.540			14	0	0	CI	250												0	8	.045			12-13
13 54	26.530			14	0															0					13-14
14 52	26.510			14	0															0					14-15
15 58	26.485			14	0															0	8	.055			15-16
16 57	26.475			14	0															0					16-17
17 53	26.475			14	0															0					17-18
18 56	26.485			14	0															0	5	.000			18-19
19 58	26.505			14	0															0					19-20
20 58	26.525			16	0															0					20-21
21 57	26.530			16	0															0	1	.045			21-22
22 54	26.540			18	0															0					22-23
23 58	26.550			18	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0352	X	0	0	X	81	71	X	X						X		
	0352	1	0	0	0	87	71		0								
	0952	2	0	0	0	93	67		0								
	1550	3	0	0	0	101	91		0								
	2150	4	0	0	0	100	88		0								
	MID.	X	0	0	0	90	76	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0955	1554	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.530	26.585	26.485	26.530
BAROGRAPH 64	26.520	26.575	26.490	26.525
BAR. CORR. 65	+.010	+.010	-.005	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
101	67	0	0	0	30	SW	1536					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0436 SUNSET 1903

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: /0357P/1900P/

0555/0955

0654/0955

0753/0955

0851/0955 * TRANSMISSION TIMES OK

(5-83)

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE JUL 15 1988

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0055	CLR	20			094	74	25	06	07		995	107	DC
SA	0157	CLR	20			096	71	25	04	07		995		DC
SA	0257	CLR	20			096	73	27	04	05		996		DC
SA	0352	CLR	20			102	70	27	00	00		997	305 70 RADAT 20163	MR
SA	0451	CLR	20			108	71	27	12	05		999		MR
SA	0551	CLR	20			111	75	30	00	00		000		MR
SA	0659	CLR	20			113	83	33	30	02		001	112	MR
SA	0753	CLR	20			115	87	34	21	05		002		MR
SA	0852	CLR	20			114	90	41	21	09		002		MR
SA	0954	CLR	20			113	93	43	25	10		002	103 70	MR
SA	1054	CLR	20			109	95	42	25	11		001		MR
SA	1153	CLR	20			109	97	44	23	13	G22	000		MR
SA	1250	CLR	20			101	100	45	24	15	G23	997	814	MR
SA	1353	CLR	20			100	100	47	22	20	G27	996		MR
SA	1451	CLR	20			095	100	48	22	14	G21	995		MR
SA	1558	CLR	20			089	100	49	25	16	G23	993	814 1070 02	DC
													RADAT 20162	
SA	1654	CLR	20			085	99	47	24	12	G21	992	AC NW	DC
SA	1755	CLR	20			085	97	46	23	12		992	AC NW	DC
SA	1856	CLR	20			085	93	43	25	10		993	500 1070	DC
SA	1957	CLR	20			095	86	40	33	07		995	AC NW	DC
SA	2058	CLR	20			104	82	30	02	07		997		DC
SA	2158	CLR	20			105	78	29	02	08		998	115 02	DC
SA	2256	CLR	20			106	80	32	10	05		000		DC
SA	2357	CLR	20			107	74	30	06	05		999		DC

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: $IIiii\ i_R i_x hVV\ Nddff\ 1s_nTTT\ 2s_nT_dT_dT_d\ 3P_oP_oP_oP_o\ 4PPPP\ 5oppp\ 6RRRt_R\ 7wwW_1W_2\ 8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE JUL 15 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 55	26.550			16	0															0	1	.020			00-01
01 57	26.550			18	0															0					01-02
02 57	26.555			18	0															0					02-03
03 52	26.565			20	0															0	3	.015			03-04
04 51	26.580			20	0															0					04-05
05 51	26.590			19	0															0					05-06
06 59	26.600			17	0															0	1	.035			06-07
07 53	26.610			15	0															0					07-08
08 52	26.610			18	0															0					08-09
09 54	26.610			18	0															0	1	.010			09-10
10 54	26.600			16	0															0					10-11
11 53	26.590			16	0															0					11-12
12 50	26.570			16	0															0	8	.040			12-13
13 53	26.560			17	0															0					13-14
14 51	26.550			17	0															0					14-15
15 58	26.530			18	0	0	AC	140												0	8	.040			15-16
16 54	26.520			17	0															0					16-17
17 55	26.520			18	0															0					17-18
18 56	26.530			18	0	0	AC	140												0	5	.000			18-19
19 57	26.550			20	0															0					19-20
20 58	26.570			15	0															0					20-21
21 58	26.575			17	0															0	1	.045			21-22
22 56	26.585			18	0															0					22-23
23 57	26.580			20	0															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350		0	0		77	70										
	0350	1	0	0	0	90	70		0								
	0951	2	0	0	0	94	70		0								
	1550	3	0	0	0	102	93		0								
	2150	4	0	0	0	100	78		0								
	MID.		0	0	0	84	74										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0953	1554	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.565	26.610	26.530	26.575
BAROGRAPH 64	26.550	26.600	26.525	26.565
BAR. CORR. 65	+.015	+.010	+.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
102	70	0	0	0	28	SW	1341					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0437 SUNSET 1903

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1035P / 2000P

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION **WSMO, DESERT ROCK NEVADA**

DATE **JUL 16 1988**

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0056	CLR	20			105	75	31	12	04		999	002	DC
SA	0152	CLR	20			107	71	30	00	00		999		DC
SA	0256	CLR	20			111	71	30	10	04		000		DC
SA	0353	CLR	20			117	68	30	14	03		001	307 68 RADAT 20159	MR
SA	0453	CLR	20			124	69	30	09	02		003		MR
SA	0553	CLR	20			126	75	31	11	04		004		MR
SA	0653	CLR	20			127	83	32	00	00		005	114	MR
SA	0753	CLR	20			129	88	35	31	03		006		MR
SA	0853	CLR	20			124	94	40	20	04		004		MR
SA	0953	CLR	20			127	97	43	20	09		005	500 67	MR
SA	1053	CLR	20			122	99	45	24	13		004		MR
SA	1153	CLR	20			122	102	47	26	15&20		004		MR
SA	1253	CLR	20			115	102	49	19	06&22		002	TCU DSNT NW 810 1200	MR
SA	1353	CLR	20			112	102	49	21	07&20		001	CB DSNT NW	MR
SA	1452	CLR	20			107	103	50	22	05&18		000	CB DSNT NW	MR
SA	1557	CLR	20			104	103	51	23	14 G19		997	CB DSNT NW / 714	DC
													1900 04 RADAT	
													20161	
SA	1650	CLR	20			098	102	49	22	04 G17		996	CB DSNT NW	DC
SA	1751	CLR	20			097	100	47	22	09		996	CU CI DSNT W-NW	DC
SA	1858	CLR	20			097	96	43	23	06		997	502 1403	DC
SA	1955	CLR	20			104	90	39	20	03		999	CU SC CI DSNT NW	DC
SA	2057	CLR	20			110	82	33	06	05		001		DC
SA	2157	CLR	20			109	82	34	09	04		001	110 04	DC
SA	2255	CLR	20			109	80	32	05	06		001		DC
SA	2358	CLR	20			110	83	29	32	04		002		DC

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (1-69) WHICH MAY BE USED

(4-80)

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE JUL 16 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 56	26.580			20	0															0	0	.005			00-01
01 52	26.580			22	0															0					01-02
02 56	26.590			22	0															0					02-03
03 53	26.600			24	0															0	3	.020			03-04
04 53	26.620			23	0															0					04-05
05 53	26.630			20	0															0					05-06
06 53	26.640			16	0															0	1	.040			06-07
07 53	26.645			15	0															0					07-08
08 53	26.630			16	0															0					08-09
09 53	26.640			16	0															0	5	.000			09-10
10 53	26.630			16	0															0					10-11
11 53	26.625			16	0															0					11-12
12 53	26.610			17	0	0	TCU	100												0	8	.030			12-13
13 53	26.595			17	0															0					13-14
14 52	26.585			17	0															0					14-15
15 57	26.570			18	0	0	CB	100												0	7	.040			15-16
16 50	26.555			17	0															0					16-17
17 51	26.560			17	0															0					17-18
18 58	26.565			16	0	0	SC	100	0	CI	250	0								0	5	.005			18-19
19 55	26.580			17	0															0					19-20
20 57	26.595			17	0															0					20-21
21 57	26.595			18	0															0	1	.030			21-22
22 55	26.595			18	0															0					22-23
23 58	26.605			14	0															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	76	68	X	X						X		
	0350	1	0	0	0	84	68		0								
	0950	2	0	0	0	98	67		0								
	1550	3	0	0	0	104	97		0								
	2150	4	0	0	0	104	81		0								
	MID.	X	0	0	0	84	78	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0952	1554	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.600	26.640	26.570	26.595
BAROGRAPH 64	26.590	26.635	26.570	26.590
BAR. CORR. 65	+.010	+.005	0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
104	67	0	0	0	24	SW	1537*					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0438 SUNSET 1902

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1035GP/2005P/

* LAST OF SEVERAL OCCURRENCES

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: **JUL 17 1988**

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0056	CLR	20			112	77	27	04	06		002	203	DC
SA	0157	CLR	20			114	76	27	00	00		002		DC
SA	0255	CLR	20			117	75	26	17	03		003		DC
SA	0351	CLR	20			120	74	26	12	05		004	307 70 RADAT 35151	RD
SA	0451	CLR	20			129	71	26	34	03		005		RD
SA	0554	CLR	20			135	78	29	09	05		007		RD
SA	0656	CLR	20			136	83	31	02	03		008	215	RD
SA	0757	CLR	20			140	93	37	27	07		009		RD
SA	0855	CLR	20			138	97	42	25	07		009		RD
SA	0958	CLR	20			140	100	44	23	08		009	102 70	RD
SA	1052	CLR	20			134	101	45	24	10		008	FEW CU	RD
SA	1154	CLR	20			126	104	49	23	08		006	FEW CU	RD
SA	1253	CLR	20			120	104	50	18	06		004	715 1100	RD
SA	1354	CLR	20			113	105	52	22	05		002	CU N SE	RD
SA	1452	80 SCT	20			107	105	53	24	06		001		RD
SA	1550	80 SCT	20			099	105	54	36	08		997	820 1100 06 RADAT 41157	HS
SA	1650	CLR	20			094	105	53	26	07		995	CU NW-NE SE	HS
SA	1750	CLR	20			091	104	52	23	09		995	CU NW-NE	HS
SA	1850	CLR	20			090	100	49	25	08		995	607 1100	HS
SA	1950	CLR	20			094	90	40	09	03		996	FEW CU	HS
SA	2050	CLR	20			098	87	35	06	08		997	FEW CU	HS
SA	2150	CLR	20			097	84	32	06	05		997	107 07	HS
SA	2250	CLR	20			101	85	33	07	03		999		HS
SA	2350	CLR	20			103	80	31	09	04		000		HS

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (5-81) WHICH MAY BE USED

NATIONAL WEATHER SERVICE

WSMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE JUL 17 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 56	26.605			16	0															0	2	.010			00-01
01 57	26.605			16	0															0					01-02
02 55	26.615			16	0															0					02-03
03 51	26.625			17	0															0	3	.020			03-04
04 51	26.640			19	0															0					04-05
05 54	26.660			16	0															0					05-06
06 56	26.670			15	0															0	2	.045			06-07
07 57	26.675			14	0															0					07-08
08 55	26.675			15	0															0					08-09
09 58	26.675			15	0															0	1	.005			09-10
10 52	26.665			15	0															0					10-11
11 54	26.650			16	0															0					11-12
12 53	26.630			17	0	0	Cu	70												0	7	.045			12-13
13 54	26.610			18	0															0					13-14
14 52	26.595			18	1															1					14-15
15 50	26.570			19	1	1	Cu	80												1	8	.060			15-16
16 50	26.550			18	0															0					16-17
17 50	26.550			18	0															0					17-18
18 50	26.550			18	0	0	Cu	80												0	6	.020			18-19
19 50	26.560			17	0															0					19-20
20 50	26.570			16	0															0					20-21
21 50	26.570			15	0															0	1	.020			21-22
22 50	26.580			15	0															0					22-23
23 50	26.585			16	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	83	70	X	X						X		
	0345	1	0	0	0	84	70		0								
	0950	2	0	0	0	100	70		0								
	1548	3	0	0	0	106	99		0								
	2148	4	0	0	0	107	83		0								
	MID.	X	0	0	0	86	80	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0956	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.620	26.675	26.570	26.570
BAROGRAPH 64	26.620	26.675	26.580	26.570
BAR. CORR. 65	+.005	±0	-.010	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
107	70	0	0	0	20	S	1323					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0438 SUNSET 1902

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1055 01 1800 1

Changed microbarograph at 0956 LST

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUL 18 1988

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0050	CLR	20			100	83	32	00	00		999	003	HS
SA	0150	CLR	20			104	83	33	28	03		000		HS
SA	0250	CLR	20			103	84	33	04	13		000		HS
SA	0354	CLR	20			105	86	33	05	14		001	307 79 RADAT 45155	RD
SA	0454	CLR	20			112	84	32	05	08		003	Sc SW	RD
SA	0552	CLR	20			114	89	34	04	15		004	FEW SW	RD
SA	0656	CLR	20			117	92	36	05	18		005	212	RD
SA	0752	CLR	20			122	94	38	04	13		006		RD
SA	0851	CLR	20			119	99	43	03	11		005		RD
SA	0955	CLR	20			117	101	45	35	11		004	803 79	RD
SA	1059	CLR	20			111	104	48	07	10		002		RD
SA	1150	CLR	20			103	107	51	03	15		000		RD
SA	1256	CLR	20		097	~~099~~	107	52	36	03		997	Cu S/720 1100	RD
SA	1353	CLR	20			083	109	53	30	10		994	Cu S	RD
SA	1451	80 SCT	20			073	107	50	30	07		992		RD
SA	1550	CLR	20			067	109	54	02	08		990	622 1100 10 RADAT 23160	HS
SA	1654	CLR	20			057	108	53	35	13		986	FEW CU	HS
SA	1750	CLR	20			059	106	51	34	14		987	FEW CU	HS
SA	1850	CLR	20			059	101	47	02	08		987	607	HS
SA	1950	CLR	20			071	90	34	35	10		990		HS
SA	2050	CLR	20			070	98	44	35	09		991		HS
SA	2151	CLR	20			074	95	41	03	14		992	214 10	HS
SA	2250	CLR	20			081	95	41	04	15	G23	994		HS
SA	2351	CLR	20			092	90	54	16	05		997		HS

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (5-81) WHICH MAY BE USED

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE JUL 18 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.580			16	0															0	0	.010			00-01
01 50	26.590			16	0															0					01-02
02 50	26.590			16	0															0					02-03
03 54	26.600			15	0															0	3	.020			03-04
04 54	26.615			16	0															0					04-05
05 52	26.625			14	0															0					05-06
06 56	26.635			14	0															0	2	.035			06-07
07 52	26.645			14	0															0					07-08
08 51	26.635			15	0															0					08-09
09 55	26.625			15	0															0	8	.010			09-10
10 54	26.610			16	0															0					10-11
11 50	26.590			16	0															0					11-12
12 56	26.565			16	0	0	Cu	80												0	7	.060			12-13
13 53	26.520			16	0															0					13-14
14 51	26.515			15	1															1					14-15
15 50	26.500			17	0	0	Cu	80												0	6	.065			15-16
16 54	26.470			17	0															0					16-17
17 50	26.480			16	0															0					17-18
18 50	26.480			16	0															0	6	.020			18-19
19 50	26.500			14	0															0					19-20
20 50	26.510			16	0															0					20-21
21 51	26.520			16	0															0	2	.040			21-22
22 50	26.540			16	0															0					22-23
23 51	26.570			30	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348		0	0		88	79										
	0348	1	0	0	0	88	79		0								
	0947	2	0	0	0	102	83		0								
	1548	3	0	0	0	110	101		0								
	2149	4	0	0	0	110	90		0								
	MID.		0	0	0	95	89										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0954	1549	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.600	26.625	26.500	26.520
BAROGRAPH 64	26.595	26.625	26.495	26.510
BAR. CORR. 65	+.005	±0	+.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
110	79	0	0	0	27	NE	2257					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0439 SUNSET 1901

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1045 / 1855 /

1256 / 1256

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION **WSMO, DESERT ROCK NEVADA**

DATE **JUL 19 1988**

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIM. ETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			094	84	51	02	05		997	117	HS
SA	0150	CLR	20			094	83	31	05	11		997		HS
SA	0250	CLR	20			097	79	29	00	00		997		HS
SA	0353	CLR	20			099	81	30	09	11		999	303 77 RADAT 20154	RD
SA	0455	CLR	20			111	80	30	09	04		002		RD
SA	0552	CLR	20			114	83	34	36	04		003		RD
SA	0653	CLR	20			114	90	41	08	04		004	115	RD
SA	0756	CLR	20			119	90	58	12	14		004		RD
SA	0853	CLR	20			111	93	53	14	12		003		RD
SA	0951	CLR	20			109	96	53	12	16		002	CU SE/805 1100 76	RD
SA	1051	CLR	20			105	99	51	04	08		002	TCU SE	RD
SA	1155	CLR	20			104	101	51	34	11		000	CB S STNRY	RD
SA	1256	CLR	20			098 ~~[illegible]~~	103	53	36	14		999	TCU S/712 1203	RD
SA	1354	80 SCT 200 SCT	20			094	103	54	34	05		996	TCU SE	RD
SA	1451	80 SCT 200 SCT	20			084	104	53	34	06		994	CB E SE STNRY	RD
SA	1550	CLR	20			079	104	53	04	03		992	CB S STNRY 719 1300	/
/													06 RADAT 20156	HS
SA	1650	CLR	20			075	104	51	10	06		991	CB S STNRY	HS
SA	1750	100 SCT	20			078	102	~~70~~ 51	16	04		992	CB S DSIPTG COR 0157	HS
SA	1853	100 SCT 250 SCT	20			078	97	54	20	10		992	CB S DSIPTD 500 1408	HS
SA	1950	250 SCT	20			089	93	54	22	10		995		HS
SA	2050	250-SCT	20			098	89	54	00	00		997		HS
SA	2150	CLR	20			102	86	52	02	06		999	120 1008 06	HS
SA	2250	CLR	20			105	85	50	10	03		000		HS
SA	2350	CLR	20			109	82	49	06	05		001		HS

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (1-82) WHICH MAY BE USED.

SURFACE WEATHER OBSERVATIONS

DATE JUL 19 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.570			31	0															0	1	.050			00-01
01 50	26.570			15	0															0					01-02
02 50	26.570			17	0															0					02-03
03 53	26.580			16	0															0	3	.010			03-04
04 55	26.610			16	0															0					04-05
05 52	26.620			17	0															0					05-06
06 53	26.625			18	0															0	1	.045			06-07
07 56	26.625			34	0															0					07-08
08 53	26.615			26	0															0					08-09
09 51	26.610			24	0	0	Cu	80												0	8	.015			09-10
10 51	26.605			20	0															0					10-11
11 55	26.590			19	0															0					11-12
12 56	26.575			19	0	0	Cu	80	0	Ci	200	0								0	7	.035			12-13
13 54	26.560			20	1															1					13-14
14 51	26.540			19	1															1					14-15
15 50	26.520			19	0	0	CB	90												0	7	.055			15-16
16 50	26.510			17	0															0					16-17
17 50	26.520			18	1															1					17-18
18 53	26.520			24	2	1	Sc	100	1	Cs	250	2								2	5	.000			18-19
19 50	26.550			27	1															1					19-20
20 50	26.570			30	1															0					20-21
21 50	26.580			31	0	0	Cs	250												0	1	.060			21-22
22 50	26.590			30	0															0					22-23
23 50	26.600			32	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0340		0	0		90	77										
	0348	1	0	0	0	95	77		0								
	0947	2	0	0	0	96	76		0								
	1548	3	0	0	0	106	95		0								
	2148	4	0	0	0	105	86		0								
	MID.		0	0	0	86	81										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0950	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.580	26.610	26.520	26.580
BAROGRAPH 64	26.570	26.600	26.525	26.580
BAR. CORR. 65	+.010	+.010	-.005	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
106	76	0	0	0	21	S	1837					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0440 SUNSET 1901

TOTAL SUNSHINE (MIN.) | PERCENT OF POSSIBLE SUNSHINE | CHARACTER OF SUNRISE | CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. | ASSOCIATED DIRECTION | TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1035 8 / 1905 /

1256 / 25 HYGROTHERMOMETER INOP AT 1754 - BACK IN SERVICE 1845

1750 / ~~25~~ 0 1757

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE JUL 20 1988

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100=36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			109	81	49	11	04		001	107	HS
SA	0150	CLR	20			117	79	47	02	03		003		HS
SA	0250	CLR	20			121	79	48	10	04		004		HS
SA	0355	CLR	20			132	77	47	10	04		007	320 77 RADAT 25151	EP
SA	0452	CLR	20			139	80	42	00	00		009		EP
SA	0551	CLR	20			146	82	49	06	05		012		EP
SA	0653	CLR	20			150	89	41	33	06		013	117	EP
SA	0751	CLR	20			154	93	49	23	04		014		EP
SA	0855	CLR	20			154	96	49	09	05		014	x 1100	EP
SA	0952	CLR	20			154	99	49	17	04		014	CU FMG OVR MTNS SE/103*	EP
SA	1052	CLR	20			150	101	51	13	08		013	FEW CU 76	EP
SA	1153	CLR	20			146	102	52	19	09		012	TCU SE OVR MNTS	EP
SA	1253	90 SCT	20			143	104	55	11	09		011	CB SW TCU S/710 1900	EP
SA	1352	90 SCT	20			135	105	56	13	09		008	CB DSNT SE SW	EP
SA	1450	100 SCT	20			131	105	56	21	03		007	CB S TCU SE-SW	EP
SA	1551	100 SCT	20			126	101	59	22	13		005	CB DSNT SE-SW/	JS
													717 1900 07 RADAT 45154	
		~~100 SCT~~	~~20~~				~~4~~						~~CB DSNT SE-WS-W~~	
SA	1658	100 SCT	20			120	104	63	12	15		004	CB DSNT SE-S-W	JS
SA	1753	100 SCT 250 SCT	20			120	102	62	18	08		004	CB DSNT SE-S-W	JS
SA	1856	250 - SCT	20			127	96	53	23	13		006	303 1408	JS
SA	1952	250 - SCT	20			126	94	51	24	12		006		JS
SA	2053	250 - BKN	20			140	92	52	22	07		010		JS
SA	2155	250 - BKN	20			144	88	51	03	03		012	315 1008 07	JS
SA	2251	CLR	20			141	89	50	22	06		011		JS
SA	2350	CLR	20			144	86	50	36	09		012		JS

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

SURFACE WEATHER OBSERVATIONS

DATE JUL 20 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.600			33	0															0	1	.020			00-01
01 50	26.620			32	0															0					01-02
02 50	26.630			35	0															0					02-03
03 55	26.660			35	0															0	3	.060			03-04
04 52	26.680			26	0															0					04-05
05 51	26.700			32	0															0					05-06
06 53	26.710			19	0															0	1	.050			06-07
07 51	26.720			23	0															0					07-08
08 55	26.720			21	0															0					08-09
09 52	26.720			19	0	0	Cu	90												0	1	.010			09-10
10 52	26.710			19	0															0					10-11
11 53	26.700			19	0															0					11-12
12 53	26.690			20	1	1	CB	90												1	7	.030			12-13
13 52	26.670			20	1															1					13-14
14 50	26.660			20	1															1					14-15
15 51	26.640			26	2	2	CB	100												2	7	.050			15-16
16 58	26.630			27	2															2					16-17
17 53	26.630			27	2															2					17-18
18 56	26.650			24	4	0	Sc	100	4	CS	250	4								2	3	.010			18-19
19 52	26.650			23	3															1					19-20
20 53	26.685			26	8															3					20-21
21 55	26.695			28	8	8	CS	250												3	3	.045			21-22
22 51	26.690			26	0															0					22-23
23 50	26.695			29	0															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 03 51	X	0	0	X	84	77	X	X						X		
	03 51	1	0	0	0	86	77		0								
	0950	2	0	0	0	99	76		0								
	1549	3	0	0	0	107	99		0								
	2150	4	0	0	0	105	88		0								
	MID.	X	0	0	0	91	85	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0951	1551	2155
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.660	26.720	26.640	26.685
BAROGRAPH 64	26.645	26.720	26.640	26.680
BAR. CORR. 65	+.015	0	0	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
107	76	0	0	0	25	S	1834					1	1		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0441 SUNSET 1900

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1 0930 / 1935 /

0952/CLD.CO.6A/100/1308 1658/1658

1/ LAST OF Several Occurrences

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION **WSMO, DESERT ROCK NEVADA**

SURFACE WEATHER OBSERVATIONS

DATE JUL 21 1988

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0050	CLR	20			151	86	49	35	06		014	307	JS
SA	0152	CLR	20			150	87	57	22	16		014		JS
SA	0250	CLR	20			156	85	58	27	08		015		JS
SA	0355	CLR	20			162	83	56	35	03		016	308 1070 82 RADAT 29153	EP
SA	0453	CLR	20			174	79	54	06	05		019	FEW Ac	EP
SA	0551	120 SCT	20			178	81	55	25	05		020		EP
SA	0651	120 SCT	20			185	87	57	12	04		023	~~620~~ 120 1070	EP
SA	0750	CLR	20			184	91	57	11	05		023	Ac W	EP
SA	0854	CLR	20			184	94	57	12	11		023	CU SE Ac W	EP
SA	0955	CLR	20			182	95	57	13	06		022	803 1230 77	EP
SA	1053	120 SCT	20			176	98	58	13	04		020	CB N	EP
SA	1151	CLR	20			169	99	58	05	07		018	CB N AND E	EP
SA	1255	CLR	20			152	103	57	23	09		014	CB NW-NE/824 1930	EP
SA	1353	100 SCT 120 SCT 250 SCT	20			143	104	54	14	10		012	CB DSNT N TCU ALQDS	EP
SA	1451	100 SCT 250 SCT	20			137	105	56	14	11		009	CB S NW TCU ALQDS	EP
SA	1550	100 SCT	20			132	104	54	00	00		008	CB Alqds / 719 1900 06	JS
													RADAT 53155	
SA	1653	100 SCT 250 SCT	20			127	100	53	20	16		006	CB DSNT SE-S-W	JS
													VIRGA W	
SA	1750	100 SCT E250 BKN	20			134	97	52	26	11		007	CB*SE-SW * DSNT	JS
SA	1856	80 SCT 250-BKN	20			136	94	50	21	07		008	302 1408	JS
SA	1954	250-BKN	20			137	90	49	03	03		009		JS
SA	2055	250-BKN	20			144	88	47	05	04		011		JS
SA	2150	250-OVC	20			144	92	52	18	10		012	208 1007 06	JS
SA	2252	250-SCT	20			144	90	54	20	08		012		JS
SA	2351	250 SCT	20			145	90	56	22	14		012		JHS

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_n$TTT $2s_n T_d T_d T_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (1-82) WHICH MAY BE USED.

☆ U.S. GPO 1984-0-76-[illegible]

SURFACE WEATHER OBSERVATIONS

DATE JUL 21 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.715			28	0															0	3	.020			00-01
01 52	26.715			36	0															0					01-02
02 50	26.730			41	0															0					02-03
03 55	26.740			40	0	0	Ac	120												0	3	.025			03-04
04 53	26.770			42	0															0					04-05
05 51	26.780			41	1															1					05-06
06 51	26.800			36	2	2	Ac	120												2	1	.060			06-07
07 50	26.800			32	0															0					07-08
08 54	26.800			29	0															0					08-09
09 55	26.790			28	0	0	Cu	100	0	Ac	120	0								0	8	.010			09-10
10 53	26.780			27	1															1					10-11
11 51	26.760			26	0															0					11-12
12 55	26.720			22	0	0	CB	100	0	Ac	120	0								0	8	.070			12-13
13 53	26.700			19	2															2					13-14
14 51	26.680			20	2															2					14-15
15 50	26.665			19	4	4	CB	100												4	7	.055			15-16
16 52	26.645			21	3															3					16-17
17 50	26.660			22	6															4					17-18
18 56	26.670			22	8	1	Sc	80	7	CS	250	8								8	3	.005			18-19
19 54	26.675			25	8															4					19-20
20 55	26.690			25	8															4					20-21
21 50	26.695			26	10	10	CS	250												4	2	.025			21-22
22 52	26.695			30	4															2					22-23
23 51	26.700			33	2															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	88	82	X	X						X		
	0350	1	0	0	0	91	82		0								
	0949	2	0	0	0	95	77		0								
	1548	3	0	0	0	106	95		0								
	2148	4	0	0	0	104	88		0								
	MID.	X	0	0	0	92	89	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0950	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.740	26.790	26.665	26.695
BAROGRAPH 64	26.730	26.790	26.665	26.680
BAR. CORR. 65	+.010	0	0	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
106	77	0	0	0	29	S	1600					2	3		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0441 SUNSET 1859

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK — CLOCK CORRECT TO NEAREST MINUTE AT: 108:58 / 1754 /

0651/APP 120/0430/22 ND

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION **WSMO, DESERT ROCK NEVADA**

SURFACE WEATHER OBSERVATIONS

DATE JUL 22 1988

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (10's-36's) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0050	CLR	20			147	87	56	23	08		013	203	JS
SA	0150	250 SCT	20			145	86	55	23	11		012		JS
SA	0251	250 SCT	20			145	84	53	21	04		012		JS
SA	0355	100 SCT 250 SCT	20			146	82	54	11	07		012	602 1402 82 RADAT 84153	EP
SA	0452	150 SCT 250 SCT	20			152	83	53	09	08		013	FEW SC	EP
SA	0550	100 SCT 150 SCT 250 - BKN	20			155	84	55	06	05		014		EP
SA	0656	100 SCT 150 SCT E250 BKN	20			159	89	53	27	05		015	210 1179	EP
SA	0750	100 SCT 150 SCT E250 BKN	20			159	93	56	24	07		015		EP
SP	0806	100 SCT E150 BKN 250 BKN	20		TRW-				23	10		015	T ~~W MOV~~ B04 W MOVG	EP
													NW RB02	
SP	0821	100 SCT E150 BKN 250 BKN	20						24	10		015	TE19 W DSIPTD RE15	EP
SA	0854	100 SCT E150 BKN 250 BKN	20			160	91	58	25	09		015	TB04E19 RB02E15	EP
SA	0955	100 SCT 150 SCT E250 BKN	20			158	94	58	24	11		015	CB SE MOVG NW TCU NW-N	EP
													40000 193 81	
SA	1053	100 SCT 150 SCT 250 SCT	20			150	97	60	22	14G22		013	CB TCU ALQDS	EP
SA	1153	90 SCT E150 BKN 250 BKN	20			147	95	57	21	15G20		012	CB RWU SE TCU ALQDS	EP
SP	1210	90 SCT E140 BKN 250 BKN	20		T				23	08G20		011	TB08 SE MOVG N CB	EP
								54					ALQDS	
RS	1257	90 SCT 140 SCT E250 BKN	20			135	101	~~65~~	16	10G23		008	~~T E51 DSIPTD~~ TCUE51DSIPTD CB N-E-S	EP
													RWU NE/820 1971	
SA	1353	90 SCT 140 SCT E250 BKN	20			124	99	50	11	14		005	CB TCU ALQDS	EP
SA	1450	100 SCT 140 SCT E250 BKN	20			112	100	51	16	11		002	CB ALQDS	EP
SA	1552	100 SCT 250 - SCT	20			107	101	51	28	06		001	CB AlQds / 625 1901	JS
													02 RAdat 42154	
SA	1652	100 SCT 250 - BKN	20			105	98	50	22	14		000	CB AlQds	JS
SA	1752	100 SCT E250 BKN	20			108	96	50	21	13		001	CB AlQds	JS
SA	1851	100 SCT E250 OVC	20			118	94	49	23	10		004	310 1408	JS
SA	1953	100 SCT E250 OVC	20			132	89	55	31	12		007		JS
SA	2050	E100 BKN 250 OVC	20			135	89	55	33	07		008		JS
SA	2151	E100 OVC	20			130	87	54	01	06		007	010 15// 02	JS
SA	2255	100 SCT 250 - BKN	20			128	86	53	17	05		006		JS
SA	2350	100 SCT E250 OVC	20			124	86	53	18	06		005		JS

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: I_{liii} $i_{R}i_{x}hVV$ Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆ U.S. GPO: 1984-0-764-006/6085

SURFACE WEATHER OBSERVATIONS

JUL 8 - 1986

TO CONVERT EST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.705			35	0															0	2	.010			00-01
01 50	26.700			35	1															1					01-02
02 51	26.700			36	4															4					02-03
03 55	26.700			38	5	1	Sc	100	4	Cl	250	5								4	6	.005			03-04
04 52	26.710			36	2															2					04-05
05 50	26.720			37	7															3					05-06
06 56	26.730			30	8	1	Cu	100	4	Ac	150	4	4	CC	E250	8				6	2	.030			06-07
07 50	26.730			29	8															6					07-08
08 54	26.730			33	9															8					08-09
09 55	26.730			30	7	1	CB	100	3	Ac	150	4	3	Ci	E250	7				4	4	.000			09-10
10 53	26.710			30	5															4					10-11
11 53	26.700			28	7															6					11-12
12 57	26.670			21	6	2	CB	90	2	Ac	140	3	3	Ci	E250	6				5	8	-.060			12-13
13 53	26.640			20	6															5					13-14
14 50	26.610			20	6															4					14-15
15 52	26.595			19	3	1	CB	100	2	Ci	250	3								1	6	.075			15-16
16 52	26.590			20	8															3					16-17
17 52	26.595			22	9															5					17-18
18 51	26.625			22	10	3	Sc	100	7	CS	E250	10								7	3	.030			18-19
19 53	26.660			31	10															9					19-20
20 50	26.665			22	10															10					20-21
21 51	26.655			33	10	10	Sc	E100												10	0	.030			21-22
22 55	26.650			32	7															3					22-23
23 50	26.640			32	10															10					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	90	82	X	X						X		
	0350	1	0	0	0	92	82		0								
	0952	2	T	0	0	94	81		0								
	1549	3	0	0	0	102	94		0								
	2149	4	0	0	0	102	87		0								
	MID.	X	0	0	0	87	85	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0952	1552	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.700	26.730	26.595	26.655
BAROGRAPH 64	26.700	26.715	26.590	26.640
BAR. CORR. 65	0	+.015	+.005	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
102	81	T	0	0	28	SE	1642					7	7		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0802	0815			
T	0804	0819			
T	1208	1251			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0442 SUNSET 1859

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1 0930 / 1723 /

0806/0806 1259/1257 1257/RMKS DSIPTD/1405

1257/RMKS TB08E51/1500

↵ LAST OF Several Occurrences

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION **WSMO, DESERT ROCK NEVADA**

SURFACE WEATHER OBSERVATIONS

DATE JUL 23 1988

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0051	E 100 OVC	20			121	85	53	31	06		005	707 1511	JS
SA	0151	E 100 BKN 250 OVC	20			115	84	52	05	07		003		JS
SA	0250	100 SCT 250 - BKN	20			119	83	52	34	05		004		JS
SA	0357	100 SCT 150 SCT	20			125	79	52	11	05		005	302 1530 79 RADAT 46152	EP
SA	0450	150 SCT	20			131	77	51	00	00		006		EP
SA	0551	150 SCT E200 BKN	20			135	79	52	35	03		007		EP
SA	0652	150 SCT 200 - BKN	20			136	88	52	00	00		008	210 1031	EP
SA	0752	150 SCT E200 BKN	20			136	93	52	00	00		008		EP
SA	0851	220 - BKN	20			131	95	51	25	06		007	FEW CU	EP
SA	0952	220 - BKN	20			132	96	53	24	07		007	603 1101 76	EP
SA	1051	100 SCT 230 - BKN	20			128	98	50	22	16G	26	006		EP
SA	1153	100 SCT 230 - SCT	20			120	100	49	24	15G	20	004	CB SW	EP
SA	1253	100 SCT 230 SCT	20			112	101	48	20	17G	26	002	CB SW - W MOVG N/817 1903	EP
SA	1354	100 SCT 230 SCT	20			104	103	50	24	18G	26	000	CB DSNT W TCU NE	EP
SA	1450	100 SCT 250 SCT	20			101	102	49	25	16G	21	999	CB DSNT NW TCU E	EP
SA	1555	100 SCT 250 SCT	20			096	102	48	20	15G	27	997	CB DSNT NE E SW /	JS
													715 1903 04 RADAT 42153	
SA	1653	100 SCT 250 SCT	20			096	101	48	25	15		996	CB*E *DSNT	JS
SA	1751	100 SCT 250 - BKN	20			102	99	48	24	12		998	VIRGA N-E/	JS
SA	1850	100 SCT 250 - BKN	20			111	95	51	25	06		002	314 1503	JS
SA	1950	100 SCT 250 - BKN	20			117	92	49	00	00		004		JS
SA	2051	250 - SCT	20			121	86	48	07	04		004		JS
SA	2150	250 - OVC	20			126	86	48	11	06		006	214 1007 04	JS
SA	2250	250 - OVC	20			126	86	49	00	00		006		JS
SA	2350	100 SCT 250 - BKN	20			133	86	50	29	06		008		JS

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (1-82) WHICH MAY BE USED

SURFACE WEATHER OBSERVATIONS

DATE JUL 23 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 51	26.635			34	10	10	Sc	E100												10	7	.020			00-01
01 51	26.615			34	10															10					01-02
02 50	26.625			35	8															4					02-03
03 57	26.640			39	5	4	Sc	100	1	Ac	150	5								5	3	.005			03-04
04 50	26.650			40	3															2					04-05
05 51	26.660			39	7															5					05-06
06 52	26.670			29	7	3	Ac	150	4	Ci	200	7								3	2	.030			06-07
07 52	26.670			25	8															5					07-08
08 51	26.660			23	9															4					08-09
09 52	26.660			24	9	0	Cu	100	9	Ci	220	9								3	6	.010			09-10
10 51	26.650			20	7															2					10-11
11 53	26.630			18	4															2					11-12
12 53	26.610			17	4	3	CB	100	1	Ci	230	4								4	8	.050			12-13
13 54	26.590			17	4															4					13-14
14 50	26.580			17	2															2					14-15
15 55	26.565			17	2	1	CB	100	1	Ci	250	2								2	7	.045			15-16
16 53	26.560			17	2															2					16-17
17 51	26.575			18	8	~~2~~	~~Sc~~	~~100~~	~~6~~	~~Ci~~	~~250~~	~~8~~								4					17-18
18 50	26.605			23	8	1	Sc	100	7	Ci	250	8								4	3	.040			18-19
19 50	26.625			23	7															3					19-20
20 51	26.630			27	4															2					20-21
21 50	26.645			27	10	10	CS	250												4	2	.040			21-22
22 50	26.650			28	10															4					22-23
23 50	26.665			29	7															3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0351	X	0	0	X	86	79	X	X						X		
	0351	1	0	0	0	87	79		0								
	0950	2	0	0	0	96	76		0								
	1550	3	0	0	0	104	96		0								
	2148	4	0	0	0	102	85		0								
	MID.	X	0	0	0	87	83	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0951	1555	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.640	26.660	26.565	26.645
BAROGRAPH 64	26.620	26.650	26.550	26.630
BAR. CORR. 65	+.020	+.010	+.015	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
104	76	0	0	0	27	SW	1550					6	6		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0443 SUNSET 1858

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1 0845 / 2143 /

0051/APP 707 / 0830-26

MF1-10A (5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE: JUL 24 1988

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0051	100 SCT 250 - SCT	20			136	82	49	62	06		008	208 1501	JS
SA	0150	250 SCT	20			136	80	50	03	09		008		JS
SA	0250	250 SCT	20			135	82	49	04	09		008		JS
SA	0352	130 SCT 250 SCT	20			143	78	50	12	05		011	305 1071 78	SH
	—		—			—						—	RADAT 53147	—
SA	0449	130 SCT 250 SCT	20			149	79	50	11	05		012		SH
SA	0552	130 SCT E250 BKN	20			156	78	49	31	04		014		SH
SA	0654	130 SCT 250 - BKN	20			158	84	50	29	03		015	114 1031	SH
SA	0750	CLR	20			159	90	51	30	04		015	FEW AC CI	SH
SA	0852	130 SCT 250 SCT	20			158	94	51	25	04		015		SH
SA	0954	130 SCT 250 SCT	20			155	95	50	25	09		014	TCU N / 802 1271 76	SH
SA	1051	130 SCT 250 SCT	20			151	97	49	25	09		013	TCU W N	SH
SA	1152	130 SCT 250 SCT	20			139	99	51	24	17	G24	009	CB DSNT NW TCU SE	SH
SA	1250	80 SCT 130 SCT	20			136	101	52	23	15	G26	008	CB E MOVG N / 717 1370	SH
SA	1350	80 SCT 130 SCT	20			130	100	52	22	10	G19	006	CB NE MOVG N TCU E N	SH
SA	1448	80 SCT 130 SCT 250 SCT	20			120	102	52	21	12	G22	004	CB SE W AND NE	SH
SA	1551	80 SCT 130 SCT 250 SCT	20			117	101	49	24	12	G24	003	CB SE W AND NE / 717 1973	CRD
													02 RADAT 25155	
SA	1656	80 SCT 250 SCT	20			117	99	49	25	15	G23	003	CB ALQDS MOVG NE RWJSW	CRD
SA	1756	80 SCT E250 BKN	20			126	93	52	23	14		004	CB OVHD ALQDS MOVG NE	CRD
SA	1855	80 SCT E250 OVC	20			132	90	53	12	04		006	CB ALQDS / 210 1903	CRD
SA	1954	80 SCT E250 OVC	20			133	89	53	10	04		007	CB ALQDS	CRD
SA	2050	E 250 BKN	20			142	85	51	02	03		009		CRD
SA	2151	250 SCT	20			141	82	49	07	03		009	110 1003 02	CRD
SA	2250	80 SCT 250 SCT	20			143	83	49	03	08		010		CRD
SA	2351	80 SCT 250 SCT	20			146	86	51	07	09		012		CRD

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: $1Iiii\ i_R i_x hVV\ Nddff\ 1s_nTTT\ 2s_nT_dT_dT_d\ 3P_oP_oP_oP_o\ 4PPPP\ 5appp\ 6RRRt_R\ 7wwW_1W_2\ 8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (1-82) WHICH MAY BE USED.

U.S. GPO 1984-0-764-000/5105

SURFACE WEATHER OBSERVATIONS

DATE JUL 24 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 51	26.670			32	3	1	Sc	100	2	Cl	250	3								1	2	.025			00-01
01 50	26.670			35	1															1					01-02
02 50	26.670			32	3															1					02-03
03 52	26.685			37	3	1	AC	130	2	Cl	250	3								3	3	.015			03-04
04 49	26.700			37	5															5					04-05
05 52	26.715			37	6															6					05-06
06 54	26.725			31	6	1	AC	130	5	Cl	250	6								3	1	.040			06-07
07 50	26.730			26	0															0					07-08
08 52	26.725			23	2															2					08-09
09 54	26.720			22	1	0	Co	80	1	AC	130	1	0	Cl	250	1				1	8	.005			09-10
10 51	26.710			20	4															4					10-11
11 52	26.680			20	5															5					11-12
12 50	26.670			20	3	1	CB	80	2	AC	130	3								3	7	.050			12-13
13 50	26.650			20	2															2					13-14
14 48	26.630			19	2															2					14-15
15 51	26.620			18	2	2	CB	80	0	Ac	130	2	0	Ci	250	2				2	7	.050			15-16
16 56	26.615			19	3															3					16-17
17 56	26.630			25	7															5					17-18
18 55	26.650			29	10	4	CB	80	6	Ci	E250	10								8	2	.030			18-19
19 54	26.660			30	10															8					19-20
20 50	26.680			31	8															6					20-21
21 51	26.680			32	3	3	Ci	250												2	1	.030			21-22
22 50	26.685			31	2															2					22-23
23 51	26.695			30	2															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	86	78	X	X						X		
	0348	1	0	0	0	87	78		0								
	0951	2	0	0	0	95	76		0								
	1548	3	0	0	0	102	95		0								
	2149	4	0	0	0	101	82		0								
	MID.	X	0	0	0	86	81	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0952	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.685	26.720	26.620	26.680
BAROGRAPH 64	26.665	26.710	26.630	26.680
BAR. CORR. 65	+.020	+.010	-.010	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
102	76	0	0	0	29	SW	1157					4	4		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0444 SUNSET 1857

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 10445 / 1800 /

MF1-10F (6-5-6) SUPERSEDES MF1-10B (1-62 and 10-63) WHICH MAY BE USED

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION **WSMO, DESERT ROCK NEVADA**

SURFACE WEATHER OBSERVATIONS

DATE JUL 25 1988

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0053	250 SCT	20			142	82	50	17	03		011	003 1001	CRD
SA	0156	CLR	20			141	80	50	04	03		009		CRD
SA	0254	CLR	20			140	79	50	24	03		009		CRD
SA	0352	250 SCT	20			146	75	49	11	04		011	500 1001 75	SH
	—		—			—						—	RADAT 28150	—
SA	0451	250 SCT	20			154	75	49	10	03		013	FEW AC	SH
SA	0550	250 -BKN	20			161	78	50	32	02		014		SH
SA	0653	250 SCT	20			162	84	50	21	03		015	114 1001	SH
SA	0752	250 -BKN	20			166	90	51	18	05		016		SH
SA	0849	250 -BKN	20			161	93	51	23	06		015	FEW CU	SH
SA	0954	250 SCT	20			157	97	52	22	07		014	803 1101 73	SH
SA	1054	80 SCT 250 SCT	20			147	99	50	23	07		012	TCU N	SH
SA	1151	80 SCT 250 SCT	20			143	99	49	24	14	G21	011	TCU E-SE	SH
SA	1254	80 SCT 250 SCT	20			136	102	49	23	17	G24	008	CB DSNT NW TCU E-SE	SH
	—		—			—						—	717 1901	SH
SA	1352	80 SCT 250 SCT	20			128	102	49	22	16	G23	006	TCU E-SE	SH
SA	1448	80 SCT 250 SCT	20			126	101	49	23	09	G17	005	TCU NE THRU SE	SH
SA	1556	80 SCT 250 SCT	20			123	102	48	20	12	G17	004	CB NW TCU ALQDS/714	CRD
/													1301 03 RADAT 30157	/
SA	1650	80 SCT 250 SCT	20			115	102	47	21	12	G20	002	TCU NE	CRD
SA	1753	80 SCT 250 SCT	20			117	98	44	22	08		002	CB NE	CRD
SA	1850	250 SCT	20			114	95	43	24	06		002	CB NE/607 1301	CRD
SA	1957	250 SCT	20			121	92	42	34	03		004		CRD
SA	2051	250 SCT	20			125	86	40	05	05		005		CRD
SA	2151	250 SCT	20			123	85	40	07	07		005	CB NE OCNL LTG NE/110	CRD
/							~~89~~	~~44~~					1301 03	/
SA	2252	250 SCT	20			123	89	44	03	12		005		CRD
SA	2359	250 SCT	20			124	88	48	06	13		005		CRD

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (1-82) WHICH MAY BE USED.

U.S. GPO 1984-0-764-000/6085

SURFACE WEATHER OBSERVATIONS

DATE JUL 25 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.690			33	1	1	Ci	250												1	0	.010			00-01
01 56	26.680			35	0															0					01-02
02 54	26.680			37	0															0					02-03
03 52	26.690			40	1	1	Ci	250												1	5	.000			03-04
04 51	26.710			41	3															2					04-05
05 50	26.720			38	6															3					05-06
06 53	26.730			31	2	2	Ci	250												2	1	.040			06-07
07 52	26.740			26	7															2					07-08
08 49	26.730			24	6															3					08-09
09 54	26.720			22	2	0	Cu	80	2	Ci	250	2								2	8	.010			09-10
10 54	26.700			19	3															3					10-11
11 51	26.690			18	2															2					11-12
12 54	26.670			17	2	2	CB	80	0	Ci	250	2								2	7	.050			12-13
13 52	26.650			17	2															2					13-14
14 48	26.640			18	2															2					14-15
15 56	26.630			16	2	1	CB	80	1	Ci	250	2								2	7	.040			15-16
16 50	26.610			16	2															2					16-17
17 53	26.610			16	3															2					17-18
18 50	26.610			17	3	0	CB	80	3	Ci	250	3								2	6	.020			18-19
19 57	26.630			18	3															2					19-20
20 51	26.640			20	4															3					20-21
21 51	26.640			21	3	0	CB	80	3	Ci	250	3								2	1	.030			21-22
22 52	26.690			21	2															2					22-23
23 59	26.690			25	2															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	86	75	X	X						X		
	0349	1	0	0	0	86	75		0								
	0950	2	0	0	0	97	73		0								
	1550	3	0	0	0	103	96		0								
	2147	4	0	0	0	102	85		0								
	MID.	X	0	0	0	89	83	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0951	1555	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.690	26.720	26.630	26.640
BAROGRAPH 64	26.690	26.720	26.620	26.630
BAR. CORR. 65	0	0	+.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
103	73	0	0	0	27	SW	1135					3	3		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0444P SUNSET 1857P

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 10450 / 1900P /

2151/2151

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION **WSMO, DESERT ROCK NEVADA**

SURFACE WEATHER OBSERVATIONS

DATE JULY 26-1988

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERIES INITIALS (15)
SA	0053	250 SCT	20			123	86	48	03	10		005	400 1001	CRD
SA	0159	250 SCT	20			120	84	50	05	10		004		CRD
SA	0253	250 SCT	20			124	82	51	03	08		005		CRD
SA	0354	CLR	20			128	80	51	04	10		006	303 1001 80	SH
	—		—			—						—	RADAT 59149	—
SA	0449	CLR	20			135	80	51	05	08		007	FEW AC CI	SH
SA	0553	CLR	20			139	82	51	07	07		008	FEW AC CI	SH
SA	0654	CLR	20			140	86	51	17	03		009	ACCAS NE/108 1080	SH
SA	0752	CLR	20			146	91	51	02	04		011	ACCAS E	SH
SA	0853	CLR	20			139	95	50	03	02		009	AC NE	SH
SA	0950	CLR	20			132	97	51	24	07		007	TCU N/803 1200 78	SH
SA	1051	80 SCT	20			127	99	50	29	07		006	TCU NW-N SE	SH
SA	1153	80 SCT	20			119	101	50	23	15 G21		004	CB DSNT NW TCU E-SE	SH
SA	1252	80 SCT	20			112	102	50	23	14 G21		002	CB SE MOVG N/817 1300	SH
SA	1352	80 SCT	20			100	104	52	23	16 G25		999	CB SE MOVG N	SH
SA	1448	80 SCT	20			093	103	51	24	13 G20		996	CB E MOVG N	SH
SA	1551	80 SCT	20			087	101	50	22	16 G27		994	CB NE-SE/724 1300 04	CRD
													RADAT 23156	
SA	1650	80 SCT	20			084	100	49	22	16 G25		993	CB NE-SE	CRD
SA	1750	80 SCT	20			078	99	49	23	14		992	TCU E	CRD
SA	1851	80 SCT	20			083	97	47	18	10		993	CB E/503 1300	CRD
SP	1908	80 SCT	20		T				18	11		993	TE 308 MOVG N OCNL	CRD
													LTGICCG E	
SA	1950	80 SCT	20		T	085	96	44	24	12		994	T NE-E MOVG N 808 OCNL	CRD
													LTGICCG NE-E	
SP	2049	80 SCT	20						23	08		994	TE49 MOVD N	CRD
SA	2055	CLR	20			088	92	42	25	08		995	FEW CU E TE49 MOVD N	CRD
SA	2157	CLR	20			096	89	47	16	10 G17		997	212 1001 04	CRD
SA	2250	CLR	20			100	91	52	20	10 G19		999		CRD
SA	2351	CLR	20			100	90	51	21	14 G19		999		CRD

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iliii $i_R i_x$hVV Ndaff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (1-82) WHICH MAY BE USED.

☆U.S. GPO:1984-0-761-065/6006

SURFACE WEATHER OBSERVATIONS

DATE JUL 26 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.640			27	4	4	CI	250												3	4	.000			00-01
01 59	26.630			31	2															2					01-02
02 53	26.640			33	1															1					02-03
03 54	26650			36	0	0	CI	250												0	3	.010			03-04
04 49	26660			36	0															0					04-05
05 53	26670			34	0															0					05-06
06 54	26675			30	0	0	ACCS	160												0	1	.025			06-07
07 52	26690			26	0															0					07-08
08 53	26680			22	0															0					08-09
09 50	26660			22	0	0	CU	80												0	8	.015			09-10
10 51	26650			20	1															1					10-11
11 53	26630			18	1															1					11-12
12 52	26610			18	1	1	CB	80												1	8	.050			12-13
13 52	26580			18	2															2					13-14
14 48	26560			18	2															2					14-15
15 51	26.540			18	2	2	CB	80												2	7	.070			15-16
16 50	26.530			18	2															2					16-17
17 50	26.520			19	1															1					17-18
18 51	26.530			18	1	1	CB	80												1	5	.010			18-19
19 50	26.540			17	1															1					19-20
20 55	26.550			18	0															0					20-21
21 57	26.565			24	0	0	CI	250												0	2	.035			21-22
22 50	26.580			27	0															0					22-23
23 51	26.580			27	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0351	X	0	0	X	88	80	X	X						X		
	0351	1	0	0	0	89	80		0								
	0946	2	0	0	0	98	78		0								
	1547	3	0	0	0	104	96		0								
	2149	4	0	0	0	102	86		0								
	MID.	X	0	0	0	92	89	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0947	1550	2156
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26650	26660	26.540	26.565
BAROGRAPH 64	26640	26660	26.530	26.550
BAR. CORR. 65	+.010	0	+.010	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
104	78	0	0	0	31	SW	1457					1	1		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	1908	2049			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0445 SUNSET 1855

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 10350/2100 /

0950/APP 805/2300

MF 1-10A (5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION **WSMO, DESERT ROCK NEVADA**

SURFACE WEATHER OBSERVATIONS

DATE **JUL 27 1988**

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			102	88	50	09	04		999	105	CRD
SA	0152	CLR	20			102	83	48	08	07		000		CRD
SA	0251	250 SCT	20			109	83	51	04	10		001	Few Sc	CRD
SA	0353	250 SCT	20			114	79	50	27	04		002	FEW Sc / 310 1501	JP
													79 RADAT 83146	
SA	0454	250 SCT	20			124	75	50	35	05		004	FEW Sc	JP
SA	0555	CLR	20			130	78	51	16	04		006	FEW Sc	JP
SA	0657	CLR	20			132	85	52	35	04		007	FEW Sc / 117 1500	JP
SA	0758	CLR	20			132	89	52	27	04		007	FEW Sc E	JP
SA	0853	CLR	20			133	91	50	22	09		007	FEW Sc E	JP
SA	0954	CLR	20			132	94	50	24	11		007	FEW Sc E / 400 1500 73	JP
SA	1053	CLR	20			131	96	50	25	11		007	FEW Cb	JP
SA	1159	70 SCT	20			123	97	50	25	15		005		JP
SA	1256	70 SCT	20			120	98	49	26	15	G26	004	810 1100	JP
SA	1351	70 SCT	20			113	100	48	24	13	G23	002		JP
SA	1450	70 SCT	20			102	100	48	22	15		999		JP
SA	1550	70 SCT 250 SCT	20			099	100	48	26	10	G21	997	620 1101 01 RADAT 20154	DCa
SA	1651	70 SCT 250 SCT	20			096	100	47	24	14	G23	996		DCa
SA	1752	70 SCT 250 SCT	20			096	98	44	26	14		996	CB E ~~[illegible]~~ STRNY	DCa
SA	1853	70 SCT E250 ~~SCT~~ BKN	20			103	95	45	31	10		999	CB E MVG NE/303 1901	DCa
SA	1950	E 90 BKN 250 BKN	20			106	92	44	34	08		000	CB E DSIPTD	DCa
SA	2050	E 100 BKN 250 BKN	20			113	92	45	02	14		002		DCa
SA	2150	90 SCT E150 BKN 250 BKN	20			116	91	47	03	15		003	214 1531 01	DCa
SA	2252	90 SCT E150 BKN 250 BKN	20			120	90	47	05	15		004		DCa
SA	2357	90 SCT 150 SCT 250 SCT	20			127	88	51	10	06		006		DCa

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_n$TTT $2s_n T_d T_d T_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆ U.S. GPO 1984-0-764-006/[illegible]

SURFACE WEATHER OBSERVATIONS

DATE JUL 27 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.580			27	0															0	1	.015			00-01
01 52	26.585			30	0															0					01-02
02 51	26.600			33	2															2					02-03
03 53	26.610			36	2	0	Sc	70	2	Ci	250	2								2	3	030			03-04
04 54	26.630			42	2															2					04-05
05 55	26.650			39	0															0					05-06
06 57	26.660			32	0	0	Sc	70												0	1	050			06-07
07 58	26.660			29	0															0					07-08
08 53	26.660			25	0															0					08-09
09 54	26.660			23	0	0	Sc	70												0	4	000			09-10
10 53	26.660			21	0															0					10-11
11 59	26.640			21	1															1					11-12
12 56	26.630			19	1	1	Cu	70												1	8	030			12-13
13 51	26.610			17	1															1					13-14
14 50	26.580			17	1															1					14-15
15 50	26.570			17	2	1	Cu	70	1	Ci	250	2								2	6	.060			15-16
16 51	26.560			17	2															2					16-17
17 52	26.560			16	4															3					17-18
18 53	26.580			18	7	0	CB	60	4	Sc	70	4	3	Ci	250	7				6	3	.010			18-19
19 50	26.590			19	8															7					19-20
20 50	26.610			20	8															8					20-21
21 50	26.620			22	8	2	Sc	90	6	Ac	150	8	0	Ci	250	8				8	2	.040			21-22
22 52	26.630			23	8															7					22-23
23 57	26.650			28	3															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0351		0	0		90	79										
	0351	1	0	0	0	92	79		0								
	0952	2	0	0	0	94	73		0								
	1550	3	0	0	0	101	94		0								
	2150	4	0	0	0	100	91		0								
	MID.		0	0	0	91	88										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0954	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.610	26.660	26.570	26.620
BAROGRAPH 64	26.590	26.640	26.545	26.595
BAR. CORR. 65	+020	+020	+.025	+.025

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
101	73	0	0	0	29	W	1227					1	3		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0446 SUNSET 1855

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1063A/1557P DST

1752/1752

1853/1853

MF1-10F (6-56) SUPERSEDES MF1-10D (1-62 and 10-63) WHICH MAY BE USED

MF 1-10A (5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE: JUL 28 1988

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			124	85	47	04	09		005	FEW Sc ALQDS/007	Dca
													1500	
SA	0152	CLR	20			124	82	52	08	07		005	Sc SW-W	Dca
SA	0250	CLR	20			125	78	53	07	05		005	Sc SW	Dca
SA	0353	CLR	20			132	76	52	11	04		006	303 76 RADAT 73145	JP
SA	0451	CLR	20			139	74	52	05	05		008	FEW Sc Ac	JP
SA	0552	CLR	20			146	78	51	10	03		011	FEW Sc Ac	JP
SA	0656	CLR	20			149	85	51	22	03		012	FEW Sc Ac/117 1570	JP
SA	0756	CLR	20			147	89	53	03	07		012	FEW Sc	JP
SA	0854	CLR	20			147	91	52	06	04		012	FEW Sc 3	JP
SA	0952	CLR	20			143	93	52	30	10		011	FEW Sc/807 1500 74	JP
SA	1052	70 SCT	20			139	96	51	34	03		009	TCU DSNT E	JP
SA	1155	70 SCT	20			132	98	51	21	10		007	TCU N AND E	JP
SA	1256	70 SCT	20			124	99	50	22	10		005	TCU N-E/817 1200	JP
SA	1353	70 SCT	20			121	100	49	21	11		004	CB RWU E	JP
SA	1450	E70 BKN	20			115	100	48	11	07		002	CB NE MOVG NE	JP
SA	1550	E 70 BKN	20			112	99	47	33	09		001	CB NW-NE MOVG NE RWU	Dca
													NW/714 1300 02	
													RADAT 51150	
SA	1650	E 70 BKN	20			116	94	50	35	18G27		001	CB S-W MOVG NE	Dca
SA	1750	70 SCT	20			114	96	46	30	08		001	CB W MOVG NE	Dca
SA	1850	70 SCT	20			111	94	45	15	07		001	CB W DSIPTD/400 1400	Dca
SA	1950	70SCT E150BKN	20			114	92	47	12	09		002		Dca
SA	2050	70SCT E 150 BKN	20			120	91	47	11	07		004		Dca
SA	2150	70 SCT 150 SCT	20			121	86	47	32	03		004	110 1530 02	Dca
SA	2251	150SCT	20			125	85	48	13	04		005		Dca
SA	2352	150SCT	20			129	82	46	12	04		006		Dca

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/1066

SURFACE WEATHER OBSERVATIONS

DATE JUL 28 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.640			27	0	0	Sc	90												0	D	.020			00-01
01 52	26.640			35	0															0					01-02
02 50	26.640			42	0															0					02-03
03 53	26.650			43	0															0	3	010			03-04
04 51	26.670			46	0															0					04-05
05 52	26.690			39	0															0					05-06
06 56	26.700			31	0	0	Sc	70	0	Ac	130	0								0	1	050			06-07
07 56	26.700			30	0															0					07-08
08 54	26.700			27	0															0					08-09
09 52	26.690			25	0	0	Sc	70												0	8	010			09-10
10 52	26.680			22	1															1					10-11
11 55	26.660			21	1															1					11-12
12 56	26.640			19	2	2	TCU	70												2	8	050			12-13
13 53	26.630			18	4															4					13-14
14 50	26.610			18	6															6					14-15
15 50	26.600			17	7	7	CB	E70												7	7	.040			15-16
16 50	26.600			23	7															7					16-17
17 50	26.600			18	5															5					17-18
18 50	26.600			19	5	5	Sc	70												5	4	.000			18-19
19 50	26.610			21	8															8					19-20
20 50	26.630			22	8															8					20-21
21 50	26630			26	4	2	Sc	70	2	Ac	150	4								4	1	.030			21-22
22 51	26.640			28	2															2					22-23
23 52	26.650			28	1															1					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0351	X	0	0	X	88	76	X	X						X		
	0351	1	0	0	0	91	76		0								
	0950	2	0	0	0	93	74		0								
	1548	3	0	0	0	102	93		0								
	2148	4	0	0	0	99	86		0								
	MID.	X	0	0	0	86	80	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0952	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.650	26.690	26.600	26.630
BAROGRAPH 64	26.625	26.670	26.580	26.605
BAR. CORR. 65	+025	+020	+.020	+.025

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
102	74	0	0	0	28	SW	1406					3	3		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 04:47 SUNSET 18:54

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED HIGH/TE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1053P/1558P/

0952/APP 803/1200 8-2

MF 1-10A
(5-83)

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

WSMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE JUL 29 1988

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00=36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	70 SCT E150 BKN 250 BKN	20			120	83	46	32	06		004	000 1531	Oca
SA	0152	70 SCT E150 BKN 250 BKN	20			120	82	47	05	08		004		Oca
SA	0250	150 SCT 250 SCT	20			120	81	47	03	07		004		Oca
SA	0356	CLR	20			126	79	49	10	07		005	FEW SC/ 303 1500 79	JP
							~~79~~	~~49~~					RADAT OLAO	
SA	0452	70 SCT	20			133	79	49	01	07		006	RADAT 90146	JP
SA	0558	E 70 BKN	20			136	80	48	26	05		007		JP
SA	0659	E70 BKN	20			138	83	49	00	00		008	210 1500	JP
SA	0752	E70 BKN	20			141	87	52	13	10		009		JP
SA	0855	E70 BKN	20			144	88	55	09	05		011	RB32E41	JP
SA	0953	E80 BKN	20			136	93	54	13	06		008	TCU N AND E / 00000	JP
													1200 77	
SA	1055	80 SCT 200 SCT	20			132	97	53	30	03		007	CB E AND S TCU ALQDS	JP
SA	1155	80 SCT 200 SCT	20			124	99	50	21	14		005	CB E TCU ALQDS	JP
SA	1257	E80 BKN 200 BKN	20			125	97	50	20	13		005	CBE TCU ALQDS/	JP
													610 1903	
SP	1308	E80 BKN 200 BKN	20		T				23	12		005	TB07 T E MOVG N	JP
													TCU ALQDS	
SA	1354	80 SCT E200 BKN	20		T	~~125~~ 123	96	49	22	06		004	TB07 T N MOVG N	JP
								0	CN4	LTG	CG		CB SE RB29E34	
SP	1420	80 SCT E200 BKN	20						29	05		002	TE19 T MOVD N	JP
													TCU W AND E	
SA	1450	80 SCT 200-BKN	20			113	100	49	35	05		002	TE19 T MOVD N	JP
													TCU N-SE	
SA	1550	80 SCT 200 SCT	20			110	99	50	31	13		001	TCU ALQDS/71400 1201	Oca
													02 RADAT 66153	
SA	1651	80 SCT 200 SCT	20			105	99	50	26	04		999	CBE-SE STRNY RWU E-SE	Oca
SA	1750	80 SCT 200 SCT	20			099	97	49	01	08		997	CB S STRNY RWU S	Oca
SA	1850	80 SCT 200 SCT	20			105	94	50	14	12		999	CB S DS, PTD/507 1403	Oca
SA	1950	80 SCT 200-SCT	20			108	89	50	04	05		000		Oca
SA	2051	80 SCT	20			111	88	48	04	10		001		Oca
SA	2150	E80 BKN 200 BKN	20			114	87	49	13	05		002	210 1501 02	Oca
SA	2250	E 80 OVC	20			116	86	49	07	07		003	B/NOVC S	Oca
SA	2350	E80 OVC	20			116	86	49	10	05		~~003~~ 003	B/NOVC S	Oca

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x h$VV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆ U.S.GPO:1984-0-764-005/6085

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE JUL 29 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.630			27	8	2	Sc	90	5	Ac	E150	7	1	Ci	250	8				7	0	.000			00-01
01 52	26.630			30	8															7					01-02
02 50	26.630			30	2															2					02-03
03 56	26.640			35	0	0	Sc	70												0	3	010			03-04
04 52	26.650			35	1															1					04-05
05 58	26.660			33	7															7					05-06
06 59	26.670			31	8	8	Sc	E70												8	2	030			06-07
07 52	26.680			30	7															7					07-08
08 55	26.690			33	7															7					08-09
09 53	26.670			27	7	7	TCu	E80												7	0	000			09-10
10 55	26.660			23	4															3					10-11
11 55	26.640			19	5															4					11-12
12 57	26.640			21	8	6	CB	E80	2	Ci	200	8								7	6	030			12-13
13 54	26.630			21	8															6					13-14
14 50	26.610			18	8															3					14-15
15 50	26.600			19	4	2	TCu	80	2	Ci	200	4								3	7	.040			15-16
16 51	26.580			19	5															3					16-17
17 50	26.570			19	4															3					17-18
18 50	26.580			23	2	1	Sc	80	1	Ci	200	2								2	5	.020			18-19
19 50	26.590			27	2															1					19-20
20 51	26.600			25	2															2					20-21
21 50	26.610			27	8	6	Sc	E80	2	Ci	200	8								7	2	.030			21-22
22 50	26.620			28	10															9					22-23
23 50	26.620			28	10															9					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0354	X	0	0	X	83	79	X	X						X		
	0354	1	0	0	0	86	79		0								
	0951	2	T	0	0	93	77		0								
	1548	3	T	0	0	102	93		0								
	2148	4	0	0	0	99	86		0								
	MID.	X	0	0	0	87	85	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0356	0953	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.640	26.670	26.600	26.610
BAROGRAPH 64	26.615	26.660	26.575	26.588
BAR. CORR. 65	+025	+010	+.025	+.025

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
102	77	T	0	0	22	SW	1231					6	6		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0832	0841			
T	1307	1419			
RW-	1329	1334			

98. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 04:47 SUNSET 18:53

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1017P/1528 P/

~~1949~~ 0452P

1354/1354P ~~125~~ 123 06 S/RCC

2350/2350

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE: JUL 30 1988

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0050	E 80 BKN	20			118	83	47	31	06		003	103 1500	Dea
SA	0153	80 SCT 200 SCT	20			118	84	48	04	09		003		Dea
SA	0250	200 SCT	20			119	78	47	07	05		003		Dea
SA	0353	80 SCT	20		119	~~119~~	79	47	11	07		003	400 1500 78	JP
													RADAT 87149	
SA	0451	E 90 BKN	20			133	78	48	36	03		004		JP
SA	0555	90 SCT E120 BKN	20			126	81	50	00	00		005		JP
SA	0656	90 SCT E120 BKN	20			136	84	50	08	04		008	317 1570	JP
SA	0753	90 SCT E120 BKN	20			138	87	52	31	03		008		JP
SA	0854	90 SCT E120 BKN	20			141	89	52	00	00		009		JP
SA	0955	90 SCT E120 BKN	20			143	89	57	13	09		009	TCU N / 103 1370 77	JP
SA	1053	80 SCT E120 BKN	20			132	95	55	35	05		007	CB N AND S TCU ALQDS	JP
SA	1153	80 SCT E120 BKN	20			120	99	52	04	05		004	CB N AND S TCU ALQDS	JP
SA	1257	80 SCT E120 BKN	20			118	100	57	00	00		003	CB N AND S TCU ALQDS /	JP
							+						620 1370	
SA	1355	80 SCT 120 SCT	20			109	100	51	13	12		001	CB N AND S LTL MOVT	JP
							~~102~~	~~51~~					TCU ~~ALQDS~~ ALQDS	
SA	1450	80 SCT	20			103	102	51	21	12		999	CB N AND S TCU ALQDS	JP
SA	1555	80 SCT	20			100	100	52	22	18G26		997	CB N AND S TCU ALQDS	Dea
													617 1300 02 RADAT	
													DLAD	
SA	1660	80 SCT 250 SCT	20			101	99	52	21	15		997	RADAT 76153 * CB E-SE	Dea
													STNRY	
SA	1750	80 SCT E250 BKN	20			100	98	51	24	08G19		997	CB E-S STRNY RWU SE	Dea
SA	1855	80 SCT E250 BKN	20			108	93	54	13	10		000	CB SE-S STRNY RWU SE	Dea
													/ 307 1903	
SA	1950	80 SCT E250 BKN	20			112	92	53	10	05		001	CB SE MOVG S ~~FRQ~~	Dea
SA	2050	E 80 BKN 250 OVC	20			119	91	52	14	08		003	CB SE MOVG S ~~FREQ~~	Dea
													LTG ICCG SE FQT	
SA	2150	E 80 BKN 150 BKN 250 OVC	20			126	88	50	09	15G23		004	CB W-NE AND SE OCNL	Dea
													LTG ICCG W-NE / 214	
													1963 02	
SP	2206	E 80 BKN 150 OVC	20		T				12	08		005	TB06 TW-N MOVG S	Dea
													FQT LTG ICCCCG W-N	
SP	2223	E 80 BKN 150 BKN 250 BKN	20						32	06		006	TE22 T MOVD S CB W-	Dea
													N FQT LTG ICCCCG RWU	
													W-N	
SP	2247	E 80 BKN 150 OVC	20		T				09	05		006	TB46 TSW-NW MOVG S	Dea
												007	FQT LTG ICCCCG RWU SW-NW	
SA	2250	E 80 BKN 150 OVC	20		T	133	87	58	33	05		~~007~~	TB06E22B46 T SW-NW	Dea
													MOVG S FQT LTG ICCCCG	
													RWU SW-NW RWU SW-NW	
SP	2314	M 65 OVC	20		TRW-				01	18G28		009	RB14 T OVHD MOVG S	Dea
													FQT LTG ICCCCG OVHD	
SA	2350	M 65 OVC	20		TRW-	150	76	62	34	15G30		012	RB14 T OVHD MOVG S	Dea
													FQT LTG ICCCCG OVHD	

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x h$VV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp $6RRR t_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (1-82) WHICH MAY BE USED.

U.S. GPO:1984-0-764-000/60085

SURFACE WEATHER OBSERVATIONS

DATE JUL 20 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.620			29	8	8	Sc	E80												8	1	.010			00-01
01 53	26.620			29	2															2					01-02
02 50	26.620			34	2															2					02-03
03 53	26.620			33	1	1	Sc	80												1	4	.000			03-04
04 51	26.630			35	6															6					04-05
05 55	26.640			34	6															6					05-06
06 56	26.670			31	7	2	Sc	90	5	Ac	E120	7								7	3	.050			06-07
07 53	26.670			30	8															8					07-08
08 54	26.680			28	9															9					08-09
09 55	26.680			34	8	2	TCU	90	6	Ac	E120	8								8	1	.010			09-10
10 53	26.660			26	7															7					10-11
11 53	26.630			21	6															6					11-12
12 57	26.620			20	6	3	CB	80	3	Ac	E120	6								6	6	.060			12-13
13 55	26.600			20	5															5					13-14
14 50	26.580			18	3															3					14-15
15 55	26.570			20	4	4	CB	80												4	6	.050			15-16
16 50	26.570			21	5															4					16-17
17 50	26.570			21	7															5					17-18
18 55	26.590			27	7	4	CB	80	3	Ci	E250	7								6	3	.020			18-19
19 50	26.600			27	7															5					19-20
20 50	26.620			27	10															10					20-21
21 50	26.630			28	10	6	CB	E80	2	Ac	150	8	2	Ci	250	10				9	2	.040			21-22
22 50	26.660			38	10															10					22-23
23 50	26.700			62	10															10					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0351		0	0		86	78										
	0351	1	0	0	0	87	78		0								
	0953	2	0	0	0	89	77		0								
	1549	3	0	0	0	102	89		0								
	2148	4	0	0	0	100	88		0								
	MID.		.08	0	0	89	72										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0955	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.620	26.680	26.570	26.630
BAROGRAPH 64	26.600	26.660	26.550	26.615
BAR. CORR. 65	+.020	+.020	+.020	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
102	79	.08	0	0	31	SW	1539					6	6		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	2206	2222			
T	2246	CONT			
RW-	2314	CONT			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 04:48 SUNSET 18:53

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1063P/1555 PST

0353/0353P COL 6

ALQUAL 1355/1355P

1450/1450P

1650/1650

2050/2050 FREQ/FQT

2350/2350 006/007 ~~RW-~~

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE: JUL 31 1988

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100's-36's) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0050	E80 OVC	20		TRW-	152	73	68	16	04		012	TS-W MOVG S OCNL	DC
													LTG ICCCCG S-W/12409	
													1911	
SP	0105	E80BKN 150 OVC	20						09	05		009	TRE05 T MOVD S	DC
													CB S MOVG S PRESFR	
SA	0151	E80BKN 150 OVC	20			140	74	68	30	07		005	~~RB33E47~~ CB S MOVD S	DC
													PRESFR TRE05RE05	
~~SA~~	~~0250~~												B33E47	
SA	0250	80SCT E150BKN 250 BKN	20			131	78	65	32	08		006	RB11E31	DC
SA	0358	E 140 BKN	20			131	75	66	22	03		006	51709 1070 20009	DC
													72 RADAT 85153	
SA	0457	120 SCT E160BKN	20			135	76	63	13	06		007		DC
SA	0558	120 SCT E160 BKN	20			139	79	60	12	07		008		DC
SA	0655	E120 BKN	20			140	79	64	10	06		009	108 1070	DC
SA	0757	E120 BKN	20			144	82	61	24	04		009		DC
SA	0858	120SCT E160BKN 200 BKN	20			139	85	61	31	05		008		DC
SA	0957	120SCT E160BKN	20			136	86	62	20	07		008	TCU OMTNS SE /	DC
													803 1270 72	
SA	1057	120SCT 160SCT 250SCT	20			130	88	64	23	10		006	CB OMTNS SE TCU N	DC
SA	1154	160SCT	20			124	91	62	25	12		004	CB E SE AND W-N	DC
													RWU SE	
SA	1258	120 SCT	20			117	94	60	25	15	G20	001	CB E-S AND W-N	DC
													LTL MOVMT RWU SE	
													822 1960	
SA	1355	120SCT 250SCT	20			104	95	59	22	15		997	CB W-N	DC
SA	1455	250 SCT	20			091	96	58	21	12	G20	995	CB NW-NE AND SE	DC
SA	1550	80SCT 120 SCT	20			092	96	57	23	14	G19	994	CB N AND SE LTL MOVMT/	
													620 1970 97 RADAT 75153	CH
SA	1650	80 SCT 120 SCT	20			092	96	57	23	12		994	CB N AND SE LTL MOVMT	CH
SA	1750	80SCT 120 SCT	20			084	94	55	23	12		992	CB E AND SE LTL MOVMT	CH
SA	1850	80SCT 120 SCT	20			089	92	54	22	08		993	CB E / 503 1970	CH
SA	1950	80SCT 120 SCT	20			092	88	58	22	06		994	OCNL LTG IC DSNT E	CH
SA	2050	80SCT 120 SCT	20			091	88	57	18	05		994		CH
SA	2150	120 SCT	20			100	84	60	34	04		996	210 1070 97	CH
SA	2250	120 SCT	20			099	85	58	02	08		996		CH
SA	2350	120 SCT	20			099	82	57	13	15		996		CH

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SURFACE WEATHER OBSERVATIONS

DATE JUL 31 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.700			85	10	10	CB	E80												10	1	.070			00-01
01 51	26.640			82	10															10					01-02
02 50	26.650			65	8															7					02-03
03 58	26.650			74	9	9	AC	E140												9	5	.050			03-04
04 57	26.660			65	7															7					04-05
05 58	26.670			52	7															7					05-06
06 55	26.675			60	9	9	AC	E120												9	1	.025			06-07
07 57	26.680			49	9															9					07-08
08 58	26.670			45	9															9					08-09
09 57	26.665			45	8	0	TCU	70	1	AC	120	1	8	AC	E160	8				8	8	.010			09-10
10 57	26.645			45	5															4					10-11
11 54	26.630			38	1															1					11-12
12 58	26.600			33	1	0	CB	70	1	AC	120	1								1	8	.065			12-13
13 55	26.565			31	1															1					13-14
14 55	26.545			29	1															1					14-15
15 50	26.540			28	2	1	CB	80	1	AC	120	2								2	6	.060			15-16
16 50	26.540			28	2															2					16-17
17 50	26.520			27	3															3					17-18
18 50	26.530			28	3	1	CB	80	2	AC	120	3								3	5	.010			18-19
19 50	26.540			37	3															3					19-20
20 50	26.540			35	3															3					20-21
21 50	26.560			45	4	4	AC	120												4	2	.030			21-22
22 50	26.560			40	3															3					22-23
23 50	26.560			43	3															3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	.01	0	X	79	72	X	X						X		
	0350	1	.09	0	0	88	72		1								
	0950	2	0	0	0	87	73		1								
	1550	3	0	0	0	97	86		0								
	2150	4	0	0	0	97	84		0								
	MID.	X	0	0	0	85	82	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0953	1549	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.650	26.665	26.540	26.560
BAROGRAPH 64	26.630	26.655	26.520	26.525
BAR. CORR. 65	+.020	+.010	+.020	+.035

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
97	72	.01	0	0	23	SW	1315					5	5		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	CONT	0105			
RW-	CONT	0105			
RW-	0133	0147			
RW-	0211	0231			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 04:49 SUNSET 18:52

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1100P/1630P/

0151/0151

0250/0250 SA0250