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: MARCH

YEAR: 1989

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	PEAK DIRECTION	SUNSHINE AVG STATION PRESS (INS)	PERCENT OF POSSIBLE	SKY COVER SUNRISE TO SUNSET (Tenths)	WEATHER OCCURRENCES	R H 04	10	16	22
1	2	3	4	5	6a	6b	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	69	36	53		12					8.9	33	S	26.41		8		38	23	15	17
2	61	48	55		10		T			22.6	44	SW	26.15		7	RW	43	43	33	54
3	48	32	40		25		T	T		18.2	35	SW	26.35		3	S T	55	31	13	24
4	52	26	39		26					10.6	29	E	26.76		9		34	15	10	18
5	64	31	48		17					5.2	15	SW	26.81		6		23	11	11	21
6	72	38	55		10					6.3	13	SW	26.64		3		29	13	14	23
7	73	49	61		4					8.5	27	SW	26.49		10		32	20	33	32
8	79	61	70			5	T			11.0	30	SW	26.58		9	RW	37	30	22	30
9	80	50	65			0				10.7	31	S	26.68		1		32	16	14	19
10	79	51	65			0				6.9	25	SW	26.70		8		25	16	13	21
11	77	54	66			1				10.1	26	SW	26.69		10		17	13	19	29
12	79	57	68			3				9.6	30	SW	26.63		7		35	25	13	13
13	73	54	64		1					10.4	24	W	26.52		1		21	21	15	22
14	69	46	58		7					8.9	24	NE	26.60		4		24	15	14	17
15	72	39	56		9					6.8	21	SW	26.54		7		25	12	12	21
16	70	50	60		5					19.3	49	S	26.43		4		19	15	17	42
17	66	40	53		12					6.8	18	NE	26.63		10		19	12	16	28
18	70	41	56		9					4.2	22	SW	26.65		10		37	21	21	36
19	73	45	59		6					8.8	33	NE	26.59		10		35	22	18	23
20	65	43	54		11					9.4	26	NE	26.79		1		35	21	13	22
21	71	37	54		11					5.6	17	W	26.76		8		27	14	12	12
22	72	39	56		9					6.0	19	W	26.56		10		19	14	13	22
23	71	44	58		7					8.2	24	SW	26.48		9		34	25	18	27
24	71	55	63		2					14.4	32	SW	26.47		8		30	26	29	51
25	58	47	53		12		.09			14.4	34	S	26.37		10	R	52	39	76	60
26	60	42	51		14		T			7.5	20	N	26.39		7	RW	76	61	33	60
27	66	37	52		13					5.4	21	S	26.59		4		79	42	23	37
28	77	42	60		5					6.8	23	SW	26.65		0		51	22	15	28
29	76	48	62		3					7.4	23	N	26.66		3		49	15	13	12
30	80	43	62		3					3.5	22	SW	26.74		6		14	13	13	20
31	79	45	62		3					7.8	26	SW	26.58		9		29	16	13	19
SUM	2172	1370	—	—	246	9	0.09	T	—	290.2	—	—	823.89	—	202	—	1075	682	594	860
AVG	70.1	44.2	—	—	—	—	—	—	—	9.4	FASTEST	DIRECTION	POSSIBLE	%	6.5	—	35	22	19	28
										MISC. →	49	S	26.58			—				

TEMPERATURE DATA

AVERAGE MONTHLY 57.2

DEPARTURE FROM NORMAL +5.9

HIGHEST 80 ON 9, 30

LOWEST 26 ON 4

NUMBER OF DAYS WITH –

MAX. 32° OR BELOW 0

MAX. 90° OR ABOVE 0

MIN. 32° OR BELOW 3

MIN. 0° OR BELOW 0

HEATING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 246

DEPARTURE FROM NORMAL -174

SEASONAL TOTAL 2589

DEPARTURE FROM NORMAL -195

COOLING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 9

DEPARTURE FROM NORMAL +7

SEASONAL TOTAL 9

DEPARTURE FROM NORMAL +7

PRECIPITATION DATA

TOTAL FOR THE MONTH 0.09 IN.

DEPARTURE FROM NORMAL -0.88 IN.

GREATEST IN 24 HRS. 0.09 ON 25

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) 7

PARTLY CLOUDY (Scale 4–7) 9

CLOUDY (Scale 8–10) 15

WITH 0.01 INCH OR MORE PRECIP. 1

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

1 = FOG
2 = FOG WITH VISIBILITY ¼ MILE OR LESS
3 = THUNDER
4 = ICE PELLETS
5 = HAIL
6 = GLAZE OR RIME
7 = DUSTSTORM OR SANDSTORM
8 = SMOKE OR HAZE
9 = BLOWING SNOW
X = TORNADO

MAXIMUM PRECIPITATION

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

HIGHEST STATION 26.880 IN. ON 5

LOWEST STATION 26.010 IN. ON 3

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

MF1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAR. 1, 1989

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			092	44	16	11	05		985	303	CH
SA	0150	CLR	20			090	42	17	11	04		984		CH
SA	0250	CLR	20			094	40	16	00	00		985		CH
SA	0353	CLR	20			097	39	16	12	03		986	302 38 RADAT 30093	MR
SA	0453	CLR	20			099	41	17	28	03		986		MR
SA	0550	CLR	20			102	37	15	10	05		986	AC N	MR
SA	0651	CLR	20			114	39	18	12	05		988	308 1005	MR
SA	0752	250 -SCT	20			124	46	18	15	03		992		MR
SA	0850	250 -BKN	20			121	54	19	00	00		992		MR
SA	0955	250 -OVC	20			116	58	21	26	05		991	007 1007 36	MR
SA	1052	250 -OVC	20			112	61	23	20	07		991		MR
SA	1151	E250 OVC	20			106	63	23	23	11		988		MR
SA	1251	250 -OVC	20			098	64	23	23	10		986	814 1007	MR
SA	1350	250 -OVC	20			090	67	22	26	11		984		MR
SA	1452	250 -OVC	20			083	68	22	24	13		982		MR
SA	1557	250 -OVC	20			076	67	18	21	15		980	ACSL W/720 1047 69	EP
													RADAT 20109	
SA	1652	250-OVC	20			076	65	21	23	14		980	ACSL SW-W	EP
SA	1755	160 SCT E220 OVC	20			079	63	19	21	09		980		EP
SA	1857	160 SCT E220 OVC	20			067	63	14	17	10		976	810 1047	EP
SA	1955	150 SCT E220 OVC	20			055	64	17	21	14		974		EP
SA	2051	150 SCT E220 OVC	20			051	62	18	18	13		974		EP
SA	2157	150 SCT E220 OVC	20			038	62	17	22	17	626	971	817 1077 69	EP
SA	2251	150 SCT E220 OVC	20			033	62	17	18	15		971		EP
SA	2353	150 SCT E220 OVC	20			029	60	16	20	21	631	969		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 $i_R i_X hVV$ 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.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE MAR. 1, 1989

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	26.460			32	0															0	3	.010			00-01
01 50	26.450			36	0															0					01-02
02 50	26.460			37	0															0					02-03
03 53	26.465			38	0															0	3	.005			03-04
04 53	26.470			38	0															0					04-05
05 50	26.465			41	0															0					05-06
06 51	26.490			43	0	0	CS	250												0	3	.025			06-07
07 52	26.520			33	2															1					07-08
08 50	26.520			25	7															3					08-09
09 55	26.510			23	10	10	CS	250												3	0	.020			09-10
10 52	26.510			23	10															5					10-11
11 51	26.490			21	10															6					11-12
12 51	26.470			20	10	10	Cs	250												4	8	.040			12-13
13 50	26.450			18	10															4					13-14
14 52	26.430			17	10															3					14-15
15 57	26.410			15	10	0	ACSL	160	10	CS	250	10								3	7	.060			15-16
16 52	26.410			18	10															3					16-17
17 55	26.410			18	10															7					17-18
18 57	26.380			15	10	1	Ac	160	10	CS	E220	10								6	8	.030			18-19
19 55	26.360			16	10															7					19-20
20 51	26.360			18	10															6					20-21
21 57	26.330			17	10	2	Ac	150	10	CS	E220	10								8	8	.050			21-22
22 51	26.320			17	10															9					22-23
23 53	26.310			18	10															6					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	45	38	X	X						X		
	0350	1	0	0	0	50	38		0								
	0951	2	0	0	0	59	36		0								
	1553	3	0	0	0	69	58		0								
	2153	4	0	0	0	67	62		0								
	MID.	X	0	0	0	62	60	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0953	1555	2155
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.465	26.510	26.410	26.330
BAROGRAPH 64	26.450	26.510	26.390	26.320
BAR. CORR. 65	+.015	0*	+.020	+.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
69	36	0	0	0	33	5	2332					8	7		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0615 SUNSET 1738

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: 1035GP / 2035 /

* BAROGRAPH CHANGED AND RESET TO ZERO CORR.

MF1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAR. 2 1989

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 INITIALS (15)
SA	0056	150 SCT 220-SCT	20			018	57	27	19	18	G31	965	817 1071	EP
SA	0158	150 SCT 220 SCT	20			016	56	31	18	13	G25	965	PK WND 1936/08	EP
SA	0250	150 SCT 220-SCT	20			010	55	33	20	16	G30	963	~~PK WND~~	EP
SA	0354	150 SCT E220 BKN	20			005	55	33	22	20	G29	962	812 1072 54 RADAT 55106	MR
SA	0453	150 SCT E220 OVC	20			000	55	33	21	22	G32	960		MR
SA	0557	60 SCT 140 SCT E220 OVC	20			998	55	33	21	19	G28	959		MR
SA	0651	E60 BKN 140 BKN 220 OVC	20			001	54	33	19	19	G27	960	505 1572	MR
SA	0752	E45 BKN 120 OVC	20			998	54	33	20	17	G25	959		MR
SA	0851	E40 BKN 90 OVC	20			999	53	32	22	25	G32	959	RB02E22	MR
SA	0957	E40 BKN 90 BKN 130 BKN	20			993	55	32	21	24	G37	958	PK WND 2139/22 70700 1570 51	MR
SA	1055	40 SCT 90 SCT	20			985	57	33	20	23	G33	955		MR
SA	1151	40 SCT 90 SCT	20			980	58	32	20	28	G36	954	PK WND 2142/03	MR
SA	1251	E40 BKN 90 BKN	20			966	58	32	20	28	G41	950	PK WND 2041/41 825 1570	MR
SA	1352	M43 BKN	20			958	57	32	19	31	G40	947	PK WND 1940/50	MR
SA	1452	M43 OVC	20			952	58	32	19	19	G26	945	BINOVC SW ~~PK~~	MR
SA	1556	M45 BKN	20			942	60	31	21	26	G34	942	622 150060 RADAT 92082	EP
SA	1655	45 SCT	20			942	59	33	22	27	G33	942		EP
SA	1753	CLR	20			940	56	34	21	19	G26	941	FEW SC AC	EP
SA	1858	45 SCT	20			945	54	34	22	21	G33	942	500 1500	EP
SA	1953	45 SCT	20			945	53	33	22	22	G33	942		EP
SA	2052	40 SCT	20			940	51	34	22	27	G36	940	PK WND 2236/50	EP
SA	2158	CLR	20			936	50	34	22	29	G41	939	*810 1500 62 *PK WND 2241/50	EP
SA	2251	CLR	20			935	49	33	22	24	G35	939	PK WND 2242/22	EP
SA	2355	CLR	20			931	48	31	22	25	G34	938	PK WND 2244/18	EP

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

(4-86)

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE MAR. 2, 1989

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	26.280			32	3	1	Ac	150	2	Ci	220	3								1	8	.050			00-01
01 58	26.280			39	2															2					01-02
02 50	26.260			43	3															1					02-03
03 54	26.245			43	7	1	Ac	150	7	Ci	E220	7								5	8	.035			03-04
04 53	26.230			43	10															9					04-05
05 57	26.220			43	10															8					05-06
06 51	26.230			44	10	6	Sc	E60	2	Ac	140	8	2	Ci	220	10				9	5	.015			06-07
07 52	26.220			45	10															10					07-08
08 51	26.220			45	10															10					08-09
09 57	26.210			43	8	6	Sc	E40	1	Ac	90	7	1	Ac	130	8				8	7	.020			09-10
10 55	26.190			39	5															5					10-11
11 51	26.175			37	2															2					11-12
12 51	26.135			38	6	6	Sc	E40	0	Ac	90	6								6	8	.075			12-13
13 52	26.110			39	7															7					13-14
14 52	26.095			38	10															10					14-15
15 56	26.070			33	9	9	Sc	M45												9	6	.065			15-16
16 55	26.070			37	3															3					16-17
17 53	26.060			43	0															0					17-18
18 58	26.070			47	3	3	Sc	45												3	5	.000			18-19
19 53	26.070			46	1															1					19-20
20 52	26.050			52	1															1					20-21
21 58	26.040			54	0	0	Sc	40												0	8	.030			21-22
22 51	26.040			54	0															0					22-23
23 55	26.030			52	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	60	54	X	X						X		
	0350	1	0	0	0	62	54		0								
	0952	2	T	0	0	55	51		0								
	1553	3	0	0	0	60	55		0								
	2153	4	0	0	0	61	50		0								
	MID.	X	0	0	0	50	48	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0955	1554	2155
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.245	26.210	26.070	26.040
BAROGRAPH 64	26.225	26.195	26.050	26.010
BAR. CORR. 65	+.020	+.015	+.020	+.030

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
61	48	T	0	0	44	SW	2318					7	5		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0802	0822			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0614 SUNSET 1739

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 / 0930 /

~~1452 / 1452~~

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: MAR. 3 1989

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. (Mhs.) (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			927	47	30	21	25	G34	937	807 1500	EP
SA	0154	CLR	20			928	46	26	24	09		937		EP
SA	0251	CLR	20			925	45	25	22	20	G28	936		EP
SP	0337	E60 BKN	~~7~~ 20		TRSP				32	24	G33	944	*TB37 WSFT 0335 *PRESRR APRNT FROPA*	MR
RS ~~SA~~	0358	15 SCT E60 ~~BKN~~ OVC	7		SP	961	39	24	29	15		945	~~W~~ ~~TB37~~ *SB39 WSFT	EP
/												/	0335 APRNT FROPA PRESRR	/
/												/	32700 15//39 *TB37E55	/
SA ~~RS~~ ~~SA~~ ~~SP~~	0450	15 SCT M60 OVC	10			980	40	17	35	19	G27	951	SP45	MR
SA	0551	E65 BKN	20			998	39	14	30	06		955		MR
SA	0651	70 SCT	20			015	38	11	34	19	G24	960	24400 1500	MR
SA	0751	65 SCT	20			031	39	9	33	26	G33	964		MR
SA	0853	65 SCT	20			051	38	8	34	19		970		MR
SA	0953	E55 BKN	20			062	39	11	35	17		973	*14100 1500 37 *SWU	MR
/													OMTNS SE	/
SA	1055	55 SCT	20			071	42	11	01	16	G22	976		MR
SA	1154	E60 BKN	20			073	43	11	34	16	G24	976		MR
SA	1259	60 SCT	20			070	44	4	36	14	G22	975	007 1500	MR
SA	1354	60 SCT	20			073	45	-4	02	19	G27	976		MR
SA	1452	60 SCT	20			077	46	-4	01	20	G28	977		MR
SA	1554	CLR	20			084	46	-2	01	16	G24	979	210 47 RADAT 20054	EP
SA	1656	CLR	20			093	44	-3	02	18	G26	981		EP
SA	1750	CLR	20			106	41	0	03	17	G27	984		EP
SA	1850	CLR	20			123	39	1	03	20	G29	988	330	EP
SA	1952	CLR	20			146	38	0	03	18		995	PRRESRR	EP
SA	2052	CLR	20			164	36	2	02	16		000		EP
SA	2154	CLR	20			171	35	2	02	19	G26	002	141 50	EP
SA	2250	CLR	20			182	33	4	06	14		005		EP
SA	2353	CLR	20			189	33	5	05	15		007		EP

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

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WCMO, DESERT ROCK NEVADA

DATE MAR. 3 1989

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	26.020			51	0	0	SC	40												0	8	.020			00-01
01 54	26.020			46	0															0					01-02
02 51	26.010			45	0															0					02-03
03 58	26.100			55	10	3	STRA	15	10	SC	E60	10								10	3	.080			03-04
04 50	26.150			40	10															10					04-05
05 51	26.190			36	8															8					05-06
06 51	26.230			33	1	1	SC	70												1	2	.130			06-07
07 51	26.270			29	1															1					07-08
08 53	26.320			28	2															2					08-09
09 53	26.350			31	8	8	SC	E55												8	1	.120			09-10
10 55	26.375			28	5															5					10-11
11 54	26.380			27	7															6					11-12
12 59	26.370			19	5	5	SC	60												5	0	.020			12-13
13 54	26.380			12	2															2					13-14
14 52	26.390			12	1															1					14-15
15 54	26.400			13	0															0	2	.030			15-16
16 56	26.420			13	0															0					16-17
17 50	26.450			18	0															0					17-18
18 50	26.490			20	0															0	3	.090			18-19
19 52	26.550			20	0															0					19-20
20 52	26.590			23	0															0					20-21
21 54	26.610			24	0															0	1	.120			21-22
22 50	26.640			29	0															0					22-23
23 53	26.660			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 0355		T	T		48	39										
	0355	1	T	T	0	50	39		1								
	0950	2	T	T	0	42	37		0								
	1551	3	0	0	0	47	38		0								
	2150	4	0	0	0	46	35		0								
	MID.		0	0	0	36	32										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0357	0952	1551	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.100	26.350	26.400	26.610
BAROGRAPH 64	26.080	26.320	26.370	26.590
BAR. CORR. 65	+.020	+.030	+.030	+.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	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
48	32	T	T	0	35	SW	0028					3	3		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	0337	0355			
SP	0339	0445			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0612 SUNSET 1740

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 0452 / 2135 /

~~0450~~ / ~~0450~~ / ~~1456~~ / ~~0555~~ / ~~SPE~~

~~0337~~ / ~~0337~~ ~~0358~~ / ~~0358~~

~~0953~~ / ~~0953~~

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 MAR 4 1989

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	0053	CLR	20			205	31	5	05	16		012	330	EP
SA	0150	CLR	20			204	31	4	04	15		012		EP
SA	0250	CLR	20			200	31	3	04	10		011		EP
SA	0355	250 -SCT	20			218	27	3	05	11		015	310 1006 27 RADAT ZERO	MR
SA	0450	250 -SCT	20			221	30	1	06	12		016		MR
SA	0552	CLR	20			226	30	-1	06	11		017	CI W-NW	MR
SA	0652	250 - SCT	20			235	31	-1	04	10		019	314 1006	MR
SA	0753	250 -OVC	20			237	35	2	06	12		020		MR
SA	0852	250 -OVC	20			244	38	-2	09	14		023		MR
SA	0955	250 -SCT	20			236	40	-3	11	15		020	003 1001 26	MR
SA	1053	250 -OVC	20			235	43	-4	12	14		020	WND 08V15	MR
SA	1155	250 -OVC	20			224	47	-4	05	07		018		MR
SA	1253	250 -OVC	20			214	48	-7	10	11		015	817 1074	MR
SA	1354	250 -OVC	20			208	50	-7	14	14	G19	014	WND 11V17	MR
SA	1457	E180 BKN 250 OVC	20			221	49	-7	14	14		017		MR
SA	1552	E140 OVC	20			224	49	-7	13	12		017	107 1011 52 RADAT 20073	MR
SA	1651	140 SCT E220 BKN	20			217	50	-6	11	13		016		EP
SA	1751	140 SCT 220 SCT	20			227	48	-7	12	10		018		EP
SA	1852	CLR	20			227	46	-5	09	10		018	103 1030	EP
SA	1950	CLR	20			231	46	-4	08	08		020		EP
SA	2052	CLR	20			245	41	-4	08	04		024		EP
SA	2155	CLR	20			250	37	-3	33	04		025	120 52	EP
SA	2250	CLR	20			250	35	-2	12	05		025		EP
SA	2353	CLR	20			243	36	0	03	03		024		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 ipi hVV Nddff 1s TTT 2s T T T 3P P P P 4PPPP 5appp 6RRRtr 7wwW1W2 8NhCl CmCH plus regional and national data groups.

(4-86)

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE MAR. 4 1989

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	26.700			33	0															0	3	.090			00-01
01 50	26.700			31	0															0					01-02
02 50	26.690			30	0															0					02-03
03 55	26.730			34	3	3	Ci	250												0	3	.030			03-04
04 50	26.740			29	1															0					04-05
05 52	26.750			26	0															0					05-06
06 52	26.770			25	4	4	Ci	250												1	3	.040			06-07
07 53	26.780			24	10															3					07-08
08 52	26.800			18	10															3					08-09
09 55	26.780			15	4	4	Ci	250												2	0	.010			09-10
10 53	26.780			14	10															4					10-11
11 55	26.760			12	10															4					11-12
12 53	26.730			10	10	0	Ac	180	10	Ci	250	10								5	8	.050			12-13
13 54	26.720			9	10															5					13-14
14 57	26.750			9	10															10					14-15
15 52	26.750			9	10	10	As	E140												10	1	.020			15-16
16 51	26.740			9	7															6					16-17
17 51	26.760			10	5															3					17-18
18 52	26.760			11	0	0	Ac	140												0	1	.010			18-19
19 50	26.780			12	0															0					19-20
20 52	26.810			14	0															0					20-21
21 55	26.820			18	0															0	1	.060			21-22
22 50	26.820			20	0															0					22-23
23 53	26.810			21	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	33	27	X	X						X		
	0351	1	0	0	0	36	27		0								
	0951	2	0	0	0	41	26		0								
	1549	3	0	0	0	52	40		0								
	2152	4	0	0	0	50	37		0								
	MID.	X	0	0	0	37	34	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0954	1551	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.730	26.780	26.750	26.820
BAROGRAPH 64	26.710	26.765	26.740	26.815
BAR. CORR. 65	+.020	+.015	+.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 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
52	26	0	0	0	29	E	1302					9	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 0611 SUNSET 1740

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: 1040 P / 2140 /

MF1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAR 5 1989

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	CLR	20			246	36	0	00	00		025	500	EP
SA	0150	CLR	20			246	39	0	28	05		026		EP
SA	0250	CLR	20			255	34	0	34	05		027		EP
SA	0350	CLR	20			254	35	1	34	04		027	107 32 RADAT 45142	AO
SA	0450	CLR	20			254	33	1	05	04		027		AO
SA	0550	CLR	20			251	32	2	10	08		026		AO
SA	0650	CLR	20			254	38	2	01	05		027	500	AO
SA	0750	250 - SCT	20			256	44	3	12	05		029		AO
SA	0850	250 - SCT	20			261	52	3	04	04		032		AO
SA	0950	250 - SCT	20			255	55	2	10	05		029	007 1001 31	AO
SA	1050	250 - BKN	20			250	59	3	26	04		028		AO
SA	1150	250 - OVC	20			241	61	4	26	05		026		AO
SA	1250	E 250 OVC	20			230	62	7	21	07		023	820 1002	AO
SA	1350	E 250 BKN	20			225	61	5	23	12		022		AO
SA	1450	250 - BKN	20			223	61	5	23	07		020		AO
SA	1551	250 - BKN	20			215	63	7	20	06		018	814 1001 64 RADAT 23128	Oca
SA	1650	250 - BKN	20			216	62	5	22	08		018		Oca
SA	1752	250 - BKN	20			218	58	3	23	04		018		Oca
SA	1851	250 - SCT	20			219	50	5	03	03		018	400 1001	Oca
SA	1954	250 - SCT	20			223	51	11	13	05		020		Oca
SA	2050	250 - SCT	20			224	48	8	08	05		020		Oca
SA	2153	250 - SCT	20			220	46	7	34	05		020	107 1001 64	Oca
SA	~~2050~~ 2250	CLR	20			219	44	8	07	05		020	CI SE	Oca
SA	2350	CLR	20			216	42	9	03	05		019		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 $i_R i_X$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.

MT-1-CB (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAR 5 1989

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	26.820			21	0															0	5	.000			00-01
01 50	26.830			19	0															0					01-02
02 50	26.840			23	0															0					02-03
03 50	26.840			23	0															0	1	.020			03-04
04 50	26.840			25	0															0					04-05
05 50	26.830			28	0															0					05-06
06 50	26.840			22	0															0	5	.000			06-07
07 50	26.860			18	1															0					07-08
08 50	26.880			13	1															0					08-09
09 50	26.860			11	4	4	Ci	250												0	0	.020			09-10
10 50	26.850			10	7															1					10-11
11 50	26.830			10	10															5					11-12
12 50	26.800			11	10	10	Ci	E250												7	8	.060			12-13
13 50	26.790			10	9															6					13-14
14 50	26.780			10	8															3					14-15
15 51	26.760			11	8	8	Ci	250												2	8	.040			15-16
16 50	26.760			10	6															1					16-17
17 52	26.760			11	6															1					17-18
18 51	26.760			15	2	2	Ci	250												1	4	.000			18-19
19 54	26.780			20	1															0					19-20
20 50	26.780			19	1															0					20-21
21 53	26.780			21	2	2	Ci	250												1	1	.020			21-22
22 50	26.780			22	0															0					22-23
23 50	26.770			25	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	39	32	X	X						X		
	0350	1	0	0	0	39	32		0								
	0950	2	0	0	0	55	31		0								
	1548	3	0	0	0	64	54		0								
	2148	4	0	0	0	63	45		0								
	MID.	X	0	0	0	46	42	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.840	26.860	26.760	26.780
BAROGRAPH 64	26.830	26.870	26.770	26.785
BAR. CORR. 65	+.010	+.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	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
64	31	0	0	0	15	SW	1324					6	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 0609 SUNSET 1741

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 0500/1602P/

* CHANGED MICRO BAROGRAPH 0951 P.

~~2250/2250~~

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: MAR 06 1989

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	CLR	20			211	43	9	06	05		018	807	Oca
SA	0155	CLR	20			201	42	9	02	05		015		Oca
SA	0250	CLR	20			198	41	10	12	07		014		Oca
SA	0350	CLR	20			195	40	10	06	05		014	614 40 RADAT 69124	AO
SA	0450	CLR	20			198	38	11	08	06		014		AO
SA	0550	250 - SCT	20			191	40	10	01	08		012		AO
SA	0650	250 - SCT	20			197	43	12	14	07		013	S03 1001	AO
SA	0750	250 - SCT	20			193	52	13	00	00		013		AO
SA	0850	250 - SCT	20			186	59	12	13	08		012		AO
SA	0950	250 - SCT	20			176	63	12	15	06		009	810 1001 38	AO
SA	1050	250 - SCT	20			173	65	14	25	04		008		AO
SA	1150	250 - SCT	20			170	67	15	22	09		007		AO
SA	1250	250 - SCT	20			153	69	17	23	12		003	820 1001	AO
SA	1350	250 - SCT	20			142	70	17	20	09		000		AO
SA	1450	250 - SCT	20			142	70	18	19	05		000		AO
SA	1553	250 - SCT	20			135	70	18	23	06		997	717 1001 72 RADAT 60130	Oca
SA	1651	250 - SCT	20			131	70	21	24	08		996		Oca
SA	1750	250 - BKN	20			128	66	20	21	06		995		Oca
SA	1850	250 - BKN	20			127	64	20	18	08		995	607 1001	Oca
SA	1952	120 SCT E250 BKN	20			130	60	18	10	08		996		Oca
SA	2050	120 SCT E250 BKN	20			126	60	20	10	03		996		Oca
SA	2152	E140 BKN 250 BKN	20			121	56	19	08	02		995	000 1031 72	Oca
SA	2252	140 SCT 250 SCT	20			118	53	18	05	08		994		Oca
SA	2353	140 SCT 250 SCT	20			119	50	19	07	05		994		Oca

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

(4-86)

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE MAR 06 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	26.760			25	0															0	8	.020			00-01
01 55	26.730			25	0															0					01-02
02 50	26.720			28	0															0					02-03
03 50	26.720			29	0															0	6	.040			03-04
04 50	26.720			32	0															0					04-05
05 50	26.700			29	1															0					05-06
06 50	26.710			28	1	1	Ci	250												0	5	.010			06-07
07 50	26.710			21	2															0					07-08
08 50	26.700			15	2															0					08-09
09 50	26.680			13	2	2	Ci	250												0	8	.030			09-10
10 50	26.670			14	2															0					10-11
11 50	26.660			13	2															1					11-12
12 50	26.620			13	2	2	Ci	250												1	8	.060			12-13
13 50	26.590			13	4															2					13-14
14 50	26.590			14	5															2					14-15
15 53	26.570			14	5	5	Ci	250												2	7	.050			15-16
16 57	26.560			15	4															2					16-17
17 50	26.550			17	7															3					17-18
18 50	26.550			18	7	7	Ci	250												3	6	.020			18-19
19 52	26.560			19	9															8					19-20
20 50	26.560			21	9															8					20-21
21 52	26.550			23	9	6	Ac	E140	3	Ci	250	9								8	0	.000			21-22
22 52	26.540			25	4															3					22-23
23 53	26540			29	4															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	0	0	X	45	40	X	X						X		
	0350	1	0	0	0	46	40		0								
	0950	2	0	0	0	64	38		0								
	1550	3	0	0	0	72	63		0								
	2149	4	0	0	0	71	56		0								
	MID.	X	0	0	0	56	50	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1550	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.720	26.680	26.570	26.550
BAROGRAPH 64	26.720	26.680	26.565	26.555
BAR. CORR. 65	0	0	+.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 UNMLTD (Ins.) 69	4 AM 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
72	38	0	0	0	13	SW	1354*					3	3		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0608 SUNSET 1742

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 / 1535P / /

* 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: MAR 07 1989

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 ~~80~~	0053	140 SCT E250 OVC	20			114	53	21	34	04		993	707 1057	Oca
SA	0150	140 SCT E250 OVC	20			106	52	23	06	03		991		Oca
SA	0251	140 SCT E250 BKN	20			103	50	19	34	05		990		Oca
SA	0350	140 SCT 250 - BKN	20			102	51	22	10	04		990	610 1078 49	AO
SA	0450	140 SCT E250 BKN	20			102	51	18	11	06		990		AO
SA	0550	E140 BKN 250 BKN	20			105	50	20	03	06		990		AO
SA	0650	140 SCT E250 BKN	20			105	52	19	12	07		990	400 1078	AO
SA	0750	E140 BKN 250 OVC	20			104	57	20	00	00		990		AO
SA	0850	140 SCT E180 BKN 230 OVC	20			106	59	19	09	06		991		AO
SA	0950	E140 BKN 180 BKN 230 OVC	20			107	62	20	12	11		991	103 1078 49	AO
SA	1050	140 SCT E230 BKN	20			105	67	27	12	04		991		AO
SA	1150	140 SCT 230 - BKN	20			099	70	29	11	11		988		AO
SA	1250	140 SCT E180 BKN 230 BKN	20			088	72	34	10	05		986	814 1078	AO
SA	1350	140 SCT 180 SCT E230 OVC	20			090	72	38	21	15	G23	986		AO
SA	1450	140 SCT E180 BKN 230 OVC	20			091	72	41	21	16		986		AO
SA	1550	140 SCT E180 BKN 230 OVC	20			087	72	41	20	14	G22	985	803 1078 73 RADAT	Oca
													44124	
SA	1651	140 SCT E180 BKN 230 OVC	20			086	71	40	20	15		985		Oca
SA	1752	140 SCT E180 BKN 230 OVC	20			087	70	41	20	10		985		Oca
SA	1850	140 SCT E180 BKN 230 BKN	20			086	70	40	18	10		985	400 1078	Oca
SA	1951	140 SCT E180 BKN 230 OVC	20			094	69	40	22	09		987		Oca
SA	2050	E140 BKN 230 OVC	20			099	68	40	23	12		990		Oca
SA	2152	140 SCT E230 BKN	20			101	69	38	22	15		991	117 1071 73	Oca
SA	2250	140 SCT 230 SCT	20			104	68	37	20	08		992		Oca
SA	2350	140 SCT 230 SCT	20			102	66	37	21	09		992		Oca

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

MF1-10B
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE: MAR 07 1989

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	3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.530			28	10	3	Ac	140	10	Cs	E250	10								10	7	.020			00-01
01 50	26.510			32	10															10					01-02
02 51	26.500			29	8															7					02-03
03 50	26.500			32	6	2	Ac	140	4	Cs	250	6								3	6	.030			03-04
04 50	26.500			27	7															4					04-05
05 50	26.500			30	9															7					05-06
06 50	26.500			27	9	4	Ac	140	5	Cs	E250	9								8	4	.000			06-07
07 50	26.500			23	10															9					07-08
08 50	26.510			21	10															10					08-09
09 50	26.510			20	10	7	Ac	E140	2	As	180	9	1	Cs	230	10				10	1	.010			09-10
10 50	26.510			22	9															6					10-11
11 50	26.490			22	9															4					11-12
12 50	26.470			25	9	4	Ac	140	3	As	180	7	2	Cs	230	9				7	8	.040			12-13
13 50	26.470			29	10															9					13-14
14 50	26.470			33	10															9					14-15
15 50	26.460			33	10	4	Ac	140	3	As	E180	7	3	Cs	230	10				10	8	.010			15-16
16 51	26.460			33	10															10					16-17
17 52	26.460			35	10															10					17-18
18 50	26.460			34	9	3	Ac	140	3	As	E180	6	3	Cs	230	9				9	4	.000			18-19
19 51	26.480			35	10															10					19-20
20 50	26.500			36	10															10					20-21
21 52	26.510			32	7	2	Ac	140	5	Ci	E230	7								5	1	.050			21-22
22 50	26.520			32	3															2					22-23
23 50	26.520			34	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	53	49	X	X						X		
	0350.	1	0	0	0	56	49		0								
	0950	2	0	0	0	62	49		0								
	1548	3	0	0	0	73	62		0								
	2148	4	0	0	0	72	68		0								
	MID.	X	0	0	0	69	66	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.580	26.510	26.460	26.510
BAROGRAPH 64	26.580	26.500	26.455	26.505
BAR. CORR. 65	0	+.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'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
73	49	0	0	0	27	SW	1337					10	9		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0607 SUNSET 1743

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: 0500/1600P / /

~~0053/0053~~

MF 1-10A
(5-83)

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

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAR 08 1989

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)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0050	140 SCT 230 SCT	20			105	67	39	24	08G22		993	207 1031	Dca
SA	0151	140 SCT 230 SCT	20			105	67	40	20	10G20		993		Dca
SA	0255	140 SCT E230 OVC	20			105	67	40	21	09G18		993		Dca
SA	0350	140 SCT E230 BKN	20			108	68	41	22	13		994	303 1078 66 RADAT 88112	AD
SA	0450	140 SCT E230 BKN	20			112	67	41	21	09		995		AD
SA	0550	80 SCT E140 BKN 230 OVC	20			117	65	40	13	04		996	ACSL SE VIRGA N	AD
SA	0650	80 SCT E140 BKN 180 BKN 230 OVC	20			123	63	39	12	09		997	ACSL SE RB35E42/21000	AD
—	—	—	—			—	—	—	—	—	—	—	1098	/
SA	0750	E140 BKN 170 BKN 230 OVC	20			132	68	40	29	05		001	ACSL SE-S	AD
SA	0850	140 SCT E170 BKN 230 OVC	20			135	72	41	18	15		002	ACSL SE-S	AD
SA	0950	120 SCT E160 BKN 230 OVC	20			138	73	40	19	15G21		003	11700 1078 62	AD
SA	1050	120 SCT E230 OVC	20			135	76	40	20	17		003		AD
SA	1150	120 SCT E230 OVC	20			134	76	40	21	14		002		AD
SA	1250	120 SCT E230 OVC	20			124	78	40	20	17G26		000	810 1078	AD
SA	1350	120 SCT E230 OVC	20			124	78	38	19	19G25		000		AD
SA	1450	120 SCT E230 OVC	20			116	79	36	21	17G23		997		AD
SA	1550	120 SCT E230 OVC	20			109	77	35	21	16G30		995	814 1077 79 RADAT 95118	Dca
SA	1652	120 SCT 230 - OVC	20			110	76	35	21	14G23		995	SC ALQDS	Dca
SA	1750	120 SCT 230 SCT	20		120	116	73	36	22	11		997		Dca
SA	1852	120 SCT 230 SCT	20			131	70	36	17	11		000	314 1031	Dca
SA	1950	CLR	20			137	67	34	13	06		002	FEW CI	Dca
SA	2052	CLR	20			140	64	33	19	07		003	CI SE	Dca
SA	2151	130 SCT 250 SCT	20			144	63	31	10	07		004	114 1051 79	Dca
SA	2252	130 SCT 250 SCT	20			147	62	29	10	03		005		Dca
SA	2353	130 SCT E250 BKN	20			147	63	24	20	08		005		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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE MAR 08 1989

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	26.530			36	2	1	Ac	140	1	Ci	230	2								2	2	.020			00-01
01 51	26.530			37	4															3					01-02
02 55	26.530			37	10															9					02-03
03 50	26.540			37	9	3	Ac	140	6	Cs	E230	9								8	3	.010			03-04
04 50	26.550			39	8															7					04-05
05 50	26.560			40	10															10					05-06
06 50	26.570			41	10	2	Acsl	80	4	Ac	E140	6	2	As	180	8	2	Cs	230	9	2	.030			06-07
07 50	26.600			36	10															9					07-08
08 50	26.610			33	10															9					08-09
09 50	26.620			30	10	1	Ac	120	5	As	E160	6	4	Cs	230	10				10	1	.050			09-10
10 50	26.620			28	10															6					10-11
11 50	26.610			28	10															6					11-12
12 50	26.590			26	10	2	Ac	120	8	Cs	E230	10								9	8	.030			12-13
13 50	26.590			24	10															8					13-14
14 50	26.570			21	10															7					14-15
15 50	26.550			22	10	2	Ac	120	10	Cs	E230	10								8	8	.040			15-16
16 52	26.550			23	10															5					16-17
17 50	26.570			26	3															2					17-18
18 52	26.590			29	2	1	Ac	120	1	Ci	230	2								2	3	.040			18-19
19 50	26.610			29	0															0					19-20
20 52	26.620			31	0															0					20-21
21 51	26.630			30	3	2	Ac	130	1	Ci	230	3								3	1	.040			21-22
22 52	26.640			29	5															4					22-23
23 53	26.640			27	7															5					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		69	66										
	0350	1	0	0	0	69	66		0								
	0950	2	T	0	0	73	62		0								
	1548	3	0	0	0	79	73		0								
	2149	4	0	0	0	78	63		0								
	MID.		0	0	0	64	61										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.540	26.620	26.550	26.630
BAROGRAPH 64	26.525	26.610	26.560	26.630
BAR. CORR. 65	+.015	+.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	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
79	61	T	0	0	30	SW	1548*					9	7		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0635	0642			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0605 SUNSET 1744

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 / 1558P / /

1750/1750

* LAST OF SEVERAL OCCURRENCES

MF1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAR 08 1989

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	130 SCT 250 SCT	20			150	59	25	11	05		006	307 1071	Oc
SA	0150	130 SCT 250 SCT	20			153	53	25	08	06		006		Oc
SA	0251	250 SCT	20			153	54	24	04	09		006		Oc
SA	0354	220 SCT	20			155	53	24	36	07		006	400 1001 53 RADAT 32121	MJ
SA	0453	220 SCT	20			161	51	22	06	06		008		MJ
SA	0551	220 SCT	20			169	51	21	05	05		009		MJ
SA	0651	220 SCT	20			175	56	21	04	08		012	217 1001	MJ
SA	0753	CLR	20			178	65	22	23	08		014		MJ
SA	0851	CLR	20			180	68	23	24	15		014		MJ
SA	0953	220-SCT	20			179	71	23	23	13		014	107 1001 50	MJ
SA	1055	220-SCT	20			175	73	22	23	16	G23	013		MJ
SA	1152	CLR	20			169	77	21	21	15	G22	012	CI SW-NW	MJ
SA	1250	220-SCT	20			163	78	24	21	17	G25	009	814 1001	MJ
SA	1359	220 SCT	20			154	79	25	20	22	G28	006		MJ
SA	1453	220 SCT	20			150	79	25	21	20	G27	005		MJ
SA	1550	220 SCT	20			146	78	24	22	17	G23	004	717 1002 80 RADAT 28127	OB
SA	1650	E 220 BKN	20			157	75	21	22	17		006		OB
SA	1751	E 220 BKN	20			162	72	18	22	09		007		OB
SA	1855	E 220 BKN	20			166	67	16	14	06		008	114 1002	OB
SA	1952	220 SCT	20			163	64	17	12	06		008		OB
SA	2055	220 SCT	20			166	64	18	12	08		009		OB
SA	2151	220 SCT	20			164	62	19	13	08		009	203 1002 80	OB
SA	2255	220 SCT	20			167	61	19	32	03		011		OB
SA	2355	200-OVC	20			164	64	20	24	10		011		OB

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$_1$W$_2$ 8$N_hC_LC_MC_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

[illegible], ELKO ROCK NEVADA

DATE MAR 08 1985

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	26.650			27	4	2	Ac	130	2	Ci	250	4								3	3	.020			00-01
01 50	26.650			34	3															2					01-02
02 51	26.650			31	2															2					02-03
03 54	26.650			32	2	2	ci	220												2	4	.000			03-04
04 53	26.665			32	2															2					04-05
05 51	26.680			31	2															2					05-06
06 51	26.700			25	2	2	ci	220												2	2	.050			06-07
07 53	26.715			19	0															0					07-08
08 51	26.720			18	0															0					08-09
09 53	26.720			16	2	2	ci	220												0	1	.020			09-10
10 55	26.710			15	2															0					10-11
11 52	26.700			12	0															0					11-12
12 50	26.680			14	2	2	ci	220												0	8	.040			12-13
13 59	26.650			14	2															2					13-14
14 53	26.640			14	2															2					14-15
15 50	26.630			14	2	2	ci	220												2	7	.050			15-16
16 50	26.650			13	8															5					16-17
17 51	26.660			13	8															5					17-18
18 55	26.670			14	7	7	ci	E220												5	1	.040			18-19
19 52	26.670			16	4															4					19-20
20 55	26.680			17	4															4					20-21
21 51	26.680			19	2	2	ci	220												2	2	.010			21-22
22 55	26.690			19	1															1					22-23
23 55	26.690			18	10															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	63	53	X	X						X		
	0350	1	0	0	0	64	53		0								
	0949	2	0	0	0	71	50		0								
	1549	3	0	0	0	80	71		0								
	2149	4	0	0	0	78	62		0								
	MID.	X	0	0	0	64	61	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0953	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.650	26.720	26.630	26.680
BAROGRAPH 64	26.640	26.720	26.635	26.685
BAR. CORR. 65	+.010	*0	-.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 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
80	50	0	0	0	31	S	1417					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 0604 SUNSET 1745

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: 1043Z / 1854P /

* BAROGRAPH CHANGED

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: MAR 10 1989

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	0055	E 200 OVC	20			164	63	20	18	03		011	103 1002	008
SA	0150	E 200 OVC	20			164	63	21	24	07		011		008
SA	0250	E 200 OVC	20			157	62	21	07	04		008		008
SA	0356	E 180 OVC	20			168	56	21	02	06		011	500 102/ 56 RADAT 22123	
SA	0456	E 180 BKN	20			174	54	22	04	04		012		
SA	0550	180 SCT 250-BKN	20			184	53	22	04	07		014		
SA	0650	250 SCT	20			190	54	21	00	00		015	214 1071	
SA	0750	250 SCT	20			189	65	24	22	05		016		
SA	0852	250-OVC	20			188	68	24	29	03		016		
SA	0953	250-OVC	20			186	72	24	24	04		016	103 1001 51	
SA	1059	250-OVC	20			186	74	23	18	05		016		
SA	1155	250-OVC	20			177	76	21	24	15	G25	014		
SA	1250	E250 OVC	20			169	78	25	23	15	G21	012	814 1002	
SA	1354	E250 OVC	20			169	77	24	22	16	G23	012		
SA	1452	E230 OVC	20			165	77	24	22	12	G18	011		
SA	1555	E250 OVC	20			162	76	22	22	12	G17	008	810 1002 79 RADAT 20133	008
SA	1655	E250 OVC	20			159	74	21	22	10	G15	007		008
SA	1750	E250 OVC	20			165	71	18	23	09		008		008
SA	1855	E250 OVC	20			171	66	15	23	06		009	303 1002	008
SA	1950	E250 OVC	20			166	64	15	18	03		009		008
SA	2050	E250 OVC	20			175	59	15	05	04		012		008
SA	2150	E250 OVC	20			174	57	17	13	05		012	207 1002 79	008
SA	2250	250-BKN	20			171	54	16	35	07		011		008
SA	2355	E250 OVC	20			169	57	18	06	04		011		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 $i_R i_x h$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.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE MAR 10 1989

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	26.690			19	10	10	ci	E200												10	1	.010			00-01
01 50	26.690			20	10															10					01-02
02 50	26.670			21	10															10					02-03
03 56	26.690			25	10	10	AS	E180												10	5	.000			03-04
04 56	26.700			28	8															8					04-05
05 50	26.720			29	7															3					05-06
06 50	26.730			27	1	0	Ac	180	1	ci	250	1								1	2	.040			06-07
07 50	26.740			21	2															2					07-08
08 52	26.740			19	10															3					08-09
09 53	26.740			16	10	10	ci	250												3	1	.010			09-10
10 59	26.740			15	10															3					10-11
11 55	26.720			13	10															4					11-12
12 50	26.700			14	10	10	ci	E250												7	8	.040			12-13
13 54	26.700			14	10															7					13-14
14 52	26.690			14	10															8					14-15
15 55	26.670			13	10	10	ci	E250												10	8	.030			15-16
16 55	26.660			14	10															10					16-17
17 50	26.670			13	10															10					17-18
18 55	26.680			14	10	10	ci	E250												10	3	.010			18-19
19 50	26.680			15	10															10					19-20
20 50	26.700			18	10															10					20-21
21 50	26.700			21	10	10	ci	E250												10	2	.020			21-22
22 50	26.690			22	6															3					22-23
23 55	26.690			22	10															10					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	67	56	X	X						X		
	0352	1	0	0	0	67	56		0								
	0949	2	0	0	0	72	51		0								
	1554	3	0	0	0	79	72		0								
	2149	4	0	0	0	76	56		0								
	MID.	X	0	0	0	57	54	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0356	0953	1554	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.690	26.740	26.670	26.700
BAROGRAPH 64	26.680	26.740	26.670	26.700
BAR. CORR. 65	+.010	0	±0	±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 UNML TD (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
79	51	0	0	0	25	SW	1150					8	9		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0602 SUNSET 1746

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: 10555 / 2247P /

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: MAR 11 1989

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. SERVERS INITIALS (15)
SA	0055	E250 OVC	20			159	65	18	19	04		009	707 1002	008
SA	~~0155~~ 0155	E250 OVC	20			158	63	19	05	03		008		008
SA	0250	E250 OVC	20			153	66	19	23	12	G17	008		008
SA	0356	E200 OVC	20			162	64	18	25	07		009	500 1007 54 RADAT 53115	MM
SA	0455	180 SCT E 260 BKN	20			162	65	14	18	11		009		MM
SA	0554	180 SCT E 230 OVC	20			167	64	12	35	07		011		MM
SA	0650	180 SCT E 230 OVC	20			178	61	11	34	10		013	BINOVC / 310 1077	MM
SA	0752	E250 BKN	20			185	64	15	30	07		015	FEW AC	MM
SA	0850	250-OVC	20			189	69	15	23	11		016	FEW AC	MM
SA	0953	250-BKN	20			189	71	18	24	16	G22	016	110 1038 54	MM
SA	1050	250-BKN	20			189	74	20	25	14		016		MM
SA	1152	250-OVC	20			180	75	24	24	17	G25	014	FEW AC	MM
SA	1252	180 SCT 250-OVC	20			172	76	28	24	16		013	810 1037	MM
SA	1355	160 SCT 250-OVC	20			169	77	30	23	13		012		MM
SA	1452	E160 BKN 250 OVC	20			165	76	29	21	10		011		MM
SA	1550	E180 BKN 250 OVC	20			163	75	30	25	10		009	710 1037 77 RADAT 20124	008
SA	1650	E180 BKN 250 OVC	20			158	74	31	22	10		008		008
SA	1750	E180 BKN 250 OVC	20			159	72	31	19	12		008		008
SA	1850	E180 BKN 250 OVC	20			165	71	32	17	06		009	500 1037	008
SA	1950	E180 BKN 250 OVC	20			164	69	32	14	05		009		008
SA	2050	E180 BKN 250 OVC	20			162	69	33	23	06		009		008
SA	2152	E180 BKN 250 OVC	20			157	69	35	22	12	G17	008	803 1037 77	008
SA	2250	E150 BKN 250 OVC	20			161	68	35	22	13		009		008
SA	2350	E150 BKN 250 OVC	20			160	67	33	23	10		009		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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SURFACE WEATHER OBSERVATIONS

DATE MAR 11 1989

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	26.680			16	10	10	CI	E250												10	7	.020			00-01
01 55	26.670			18	10															10					01-02
02 50	26.665			16	10															10					02-03
03 56	26.680			17	10	10	CS	E200												10	5	.000			03-04
04 55	26.680			14	9															7					04-05
05 54	26.690			13	10															9					05-06
06 50	26.710			14	10	1	AC	180	10	CS	E230	10								9	3	.030			06-07
07 52	26.730			15	9															7					07-08
08 50	26.740			12	10															4					08-09
09 53	26.740			13	9	0	AC	180	9	CS	250	9								4	1	.030			09-10
10 50	26.740			13	9															3					10-11
11 52	26.720			15	10															2					11-12
12 52	26.710			17	10	3	AC	180	10	CS	250	10								4	8	.030			12-13
13 55	26.700			18	10															4					13-14
14 52	26.690			18	10															7					14-15
15 50	26.680			19	10	6	AC	E180	4	CS	250	10								8	7	.030			15-16
16 50	26.670			21	10															10					16-17
17 50	26.670			22	10															10					17-18
18 50	26.680			24	10	6	AC	E180	4	CS	250	10								10	5	.000			18-19
19 50	26.680			25	10															10					19-20
20 50	26.680			26	10															10					20-21
21 52	26.670			29	10	7	AC	E180	3	CS	250	10								10	8	.010			21-22
22 50	26.680			30	10															10					22-23
23 50	26.680			28	10															10					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	67	56	X	X						X		
	0352	1	0	0	0	67	54		0								
	0949	2	0	0	0	71	61		0								
	1549	3	0	0	0	77	71		0								
	2150	4	0	0	0	75	67		0								
	MID.	X	0	0	0	69	66	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0356	0953	1549	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.680	26.740	26.680	26.670
BAROGRAPH 64	26.680	26.730	26.680	26.680
BAR. CORR. 65	0	+.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	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
77	54	0	0	0	26	SW	1154					10	10		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0601 SUNSET 1747

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: 1064 1/2152P

MF1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAR 12 1989

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	0055	E150 BKN 250 OVC	20			157	62	33	04	04		008	000 1037	[illegible]
SA	0153	E150 BKN 250 OVC	20			157	64	32	24	04		008		[illegible]
SA	0253	E150 BKN 250 OVC	20			150	63	35	23	07		006		[illegible]
SA	0350	E150 BKN 250 OVC	20			155	62	34	23	06		007	503 1032 60 RADAT 22115	CH
SA	0450	E150 BKN 250 OVC	20			165	58	33	34	05		009		CH
SA	0550	E150 BKN 250 OVC	20			166	57	32	35	06		009		CH
SA	0650	E150 BKN	20			170	59	33	35	08		011	210 1030	CH
SA	0750	E150 BKN 250 BKN	20			171	67	32	24	04		012		CH
SA	0850	150 SCT E250 BKN	20			170	69	32	25	10		012		CH
SA	0950	150 SCT 250-BKN	20			170	71	33	24	10		012	103 1071 57	CH
SA	1050	250-BKN	20			164	74	33	25	10	G19	011		CH
SA	1150	250-BKN	20			155	76	30	24	11		008		CH
SA	1250	250-BKN	20			146	76	28	25	10	G19	005	820 1001	CH
SA	1350	250-BKN	20			142	77	22	22	12		004		CH
SA	1450	250-BKN	20			135	77	18	23	13		002		CH
SA	1550	250-BKN	20			128	76	21	20	14		000	717 1001 79 RADAT 20126	HS
SA	1650	250-BKN	20			126	75	24	21	16		999		HS
SA	1750	250-BKN	20			128	72	25	19	11		999		HS
SA	1850	250-SCT	20			128	71	24	21	15		999	603 1001	HS
SA	1950	250-BKN	20			122	68	20	24	08		997		HS
SA	2051	250-BKN	20			113	68	12	21	11		995		HS
SA	2151	250-SCT	20			112	68	15	21	15		995	610 1001 79	HS
SA	2250	CLR	20			114	68	14	23	15	G29	996	CI SE	HS
SA	2350	CLR	20			116	63	12	29	05		996	CI SE	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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE MAR 13 1983

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 55	26.670			34	10	6	AC	E150	4	CS	250	10								10	0	.000			00-01
01 53	26.670			30	10															10					01-02
02 53	26.650			35	10															10					02-03
03 50	26.660			35	10	6	AC	E150	4	CI	250	10								8	5	.010			03-04
04 50	26.680			39	10															8					04-05
05 50	26.680			39	10															10					05-06
06 50	26.690			37	8	8	AC	E150												7	2	.030			06-07
07 50	26.700			27	8															6					07-08
08 50	26.700			25	8															6					08-09
09 50	26.700			25	8	1	AC	150	7	CI	250	8								3	1	.010			09-10
10 50	26.690			22	8															3					10-11
11 50	26.670			19	8															3					11-12
12 50	26.640			17	7	7	CI	250												2	8	.060			12-13
13 50	26.630			13	7															3					13-14
14 50	26.610			11	8															3					14-15
15 50	26.590			13	6	6	CI	250												2	7	.050			15-16
16 50	26.580			15	6															1					16-17
17 50	26.580			18	6															1					17-18
18 50	26.580			17	4	4	CI	250												1	6	.010			18-19
19 50	26.570			16	7															2					19-20
20 51	26.550			11	6															1					20-21
21 51	26.550			13	5	5	CI	250												1	6	.030			21-22
22 50	26.560			13	0															0					22-23
23 50	26.560			13	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	67	60	X	X						X		
	0348	1	0	0	0	69	60		0								
	0948	2	0	0	0	71	57		0								
	1548	3	0	0	0	79	70		0								
	2149	4	0	0	0	77	67		0								
	MID.	X	0	0	0	68	63	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1549	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.660	26.700	26.590	26.550
BAROGRAPH 64	26.650	26.685	26.585	26.555
BAR. CORR. 65	+.010	+.015	+.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 TD (Ins.) 69	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
79	57	0	0	0	30	SW	2202					7	7		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0559 SUNSET 1748

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: 10500 / 1900 /

MF 1-10A
(5-83)

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

STATION WSMO, DESERT ROCK NEVADA

DATE MAR 13 1989

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)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			112	62	10	23	10		995	000 1001	HS
SA	0150	CLR	20			110	57	7	02	04		994	CI SE	HS
SA	0250	CLR	20			101	60	9	24	13		992	CI SE	HS
SA	0350	CLR	20			112	56	16	30	12		994	503 56 RADAT 20124	CH
SA	0450	CLR	20			120	56	21	28	10		996		CH
SA	0550	250- SCT	20			121	56	23	28	10		996		CH
SA	0650	CLR	20			121	57	25	32	12		996	107	CH
SA	0750	CLR	20			121	60	27	27	14		996		CH
SA	0850	CLR	20			124	63	28	26	15		997		CH
SA	0950	250 SCT	20			122	66	25	25	16		997	103 1001 54	CH
SA	1050	250 SCT	20			117	68	25	25	16		996		CH
SA	1150	250 SCT	20			120	69	26	23	14		996		CH
SA	1250	250 SCT	20			112	70	24	24	14		994	810 1001	CH
SA	1350	250 SCT	20			105	72	23	26	11		992		CH
SA	1450	250 - SCT	20			097	72	23	24	14		990		CH
SA	1551	CLR	20			090	72	22	27	07		987	CI SW 720 1001 73 RADAT 20108	HS
SA	1653	CLR	20			083	71	20	19	07		985	FEW CI	HS
SA	1750	CLR	20			081	68	20	23	08		984	FEW CI	HS
SA	1850	CLR	20			087	65	19	25	06		985	507	HS
SA	1950	CLR	20			086	63	20	34	04		985		HS
SA	2050	CLR	20			092	63	22	26	09		987		HS
SA	2153	CLR	20			099	60	21	33	09		990	314 73	HS
SA	2250	CLR	20			107	58	21	29	08		992		HS
SA	2350	CLR	20			119	56	16	06	06		995		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 $1s_n$TTT $2s_n T_d T_d T_d$ $3P_o P_o P_o P_o$ 4PPPP 5appp 6RRRt_R 7ww$W_1 W_2$ $8N_h C_L C_M C_H$ plus regional and national data groups.

SURFACE WEATHER OBSERVATIONS

DATE MAR 13 1980

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 50	26.550			12	0	0	Ci	250												0	0	.000			00-01
01 50	26.540			13	0															0					01-02
02 50	26.520			13	0															0					02-03
03 50	26.540			21	0															0	5	.010			03-04
04 50	26.560			25	0															0					04-05
05 50	26.560			28	2															0					05-06
06 50	26.560			29	0															0	1	.020			06-07
07 50	26.560			28	0															0					07-08
08 50	26.570			27	0															0					08-09
09 50	26.570			21	2	2	Ci	250												2	1	.010			09-10
10 50	26.560			20	2															2					10-11
11 50	26.560			20	2															2					11-12
12 50	26.540			18	2	2	Ci	250												2	8	.030			12-13
13 50	26.520			16	1															1					13-14
14 50	26.500			16	1															0					14-15
15 51	26.480			15	0	0	Ci	250												0	7	.060			15-16
16 53	26.460			14	0															0					16-17
17 50	26.450			16	0															0					17-18
18 50	26.460			16	0															0	5	.020			18-19
19 50	26.460			19	0															0					19-20
20 50	26.480			21	0															0					20-21
21 53	26.500			22	0															0	3	.040			21-22
22 50	26.520			23	0															0					22-23
23 50	26.550			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		0	0		64	56										
	0348	1	0	0	0	68	56		0								
	0948	2	0	0	0	66	54		0								
	1549	3	0	0	0	73	66		0								
	2151	4	0	0	0	73	59		0								
	MID.		0	0	0	60	55										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1550	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.540	26.570	26.480	26.500
BAROGRAPH 64	26.540	26.560	26.485	26.510
BAR. CORR. 65	0	+.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 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
73	54	0	0	0	24	W	1051					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 0558 SUNSET 1749

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: /0410 / 1855 /

* BAROGRAPH CHANGED AND RESET

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 MAR 14, 1989

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			127	54	15	05	08		997	224	HS
SA	0150	CLR	20			126	53	14	06	13		997		HS
SA	0250	CLR	20			131	52	14	05	10		999		HS
SA	0350	CLR	20			141	49	14	03	10		001	310 49 RADAT 23112	CH
SA	0450	CLR	20			148	50	13	05	10		003		CH
SA	0550	CLR	20			157	50	15	05	17		005		CH
SA	0650	250- SCT	20			167	50	16	05	12		007	220 1001	CH
SA	0750	250 - SCT	20			175	52	15	06	16		009		CH
SA	0850	250 - BKN	20			172	54	15	06	20		009		CH
SA	0950	250 - BKN	20			172	58	11	05	16		009	107 1001 48	CH
SA	1050	250 - SCT	20			169	60	8	02	14		008		CH
SA	1150	250 - SCT	20			156	63	12	02	12		005		CH
SA	1250	250 - SCT	20			145	65	14	02	08	G16	002	824 1001	CH
SA	1350	250 - SCT	20			141	66	15	03	08		001		CH
SA	1450	250 SCT	20			134	67	15	10	08		999		CH
SA	1550	250 - SCT	20			124	69	18	13	03		995	820 1001 69 RADAT 24096	HS
SA	1650	250 - SCT	20			119	67	14	20	05		994		HS
SA	1750	250 - SCT	20			121	64	11	16	05		994		HS
SA	1850	250 - SCT	20			125	58	8	00	00		994	603 1001	HS
SA	1950	250 - SCT	20			134	53	7	09	03		996		HS
SA	2050	250 - SCT	20			139	50	6	06	03		997		HS
SA	2150	250 - SCT	20			139	51	7	09	03		999	214 1001 69	HS
SA	2250	250 - SCT	20			140	47	5	12	06		999		HS
SA	2350	250 - SCT	20			138	48	7	10	04		999		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.

(4-81)

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE MAR 14, 1989

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 50	26.570			21	0															0	2	.070			00-01
01 50	26.570			21	0															0					01-02
02 50	26.580			22	0															0					02-03
03 50	26.600			24	0															0	3	.030			03-04
04 50	26.620			22	0															0					04-05
05 50	26.640			24	0															0					05-06
06 50	26.660			26	2	2	ci	250												0	2	.060			06-07
07 50	26.680			23	2															0					07-08
08 50	26.680			21	7															0					08-09
09 50	26.680			15	7	7	ci	250												0	1	.020			09-10
10 50	26.670			12	4															0					10-11
11 50	26.640			13	4															0					11-12
12 50	26.610			14	3	3	ci	250												0	8	.070			12-13
13 50	26.600			14	3															1					13-14
14 50	26.580			13	3															2					14-15
15 50	26.550			14	2	2	ci	250												1	8	.060			15-16
16 50	26.540			13	2															1					16-17
17 50	26.540			13	3															0					17-18
18 50	26.540			13	2	2	ci	250												0	6	.010			18-19
19 50	26.560			15	2															0					19-20
20 50	26.570			17	2															0					20-21
21 50	26.580			17	1	1	ci	250												0	2	.040			21-22
22 50	26.580			18	1															0					22-23
23 50	26.580			19	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 0348	X	0	0	X	56	49	X	X						X		
	0348	1	0	0	0	60	49		0								
	0948	2	0	0	0	58	48		0								
	1548	3	0	0	0	69	58		0								
	2148	4	0	0	0	69	48		0								
	MID.	X	0	0	0	51	46	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.600	26.680	26.550	26.580
BAROGRAPH 64	26.600	26.675	26.560	26.590
BAR. CORR. 65	± 0	+.005	-.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 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
69	46	0	0	0	24	NE	0821					4	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 0557 SUNSET 1750

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: 1065 / 1905 /

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 1989 MAR 15

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	0051	CLR	20			140	43	6	07	04		999	400 1001	HS
SA	0150	CLR	20			136	43	7	00	00		997	FEW CI	HS
SA	0251	CLR	20			132	41	7	04	03		996		HS
SA	0354	CLR	20			134	42	9	12	07		997	503 40 RADAT 30097	JP
SA	0453	CLR	20			140	40	8	01	04		999		JP
SA	0556	CLR	20			141	41	8	00	00		999	FEW CI	JP
SA	0655	250 - SCT	20			146	51	12	04	10		001	310 1001	JP
SA	0757	250 - BKN	20			147	55	11	03	13		001		JP
SA	0856	250 - BKN	20			147	58	12	03	12		001		JP
SA	0953	140 SCT 250 - BKN	20			145	64	11	20	03		001	400 1071 39	JP
SA	1054	140 SCT 250 - BKN	20			140	66	10	12	06		000		JP
SA	1155	E250 OVC	20			136	66	10	26	08		999		JP
SA	1254	E250 OVC	20			127	66	11	02	04		995	817 1007	JP
SA	1353	250 - OVC	20			122	69	12	26	09		994		JP
SA	1450	250 - BKN	20			111	71	13	22	13		991		JP
SA	1558	160 SCT 250 - BKN	20			102	71	16	23	11		988	720 1032 72 RADAT 34103	DC
SA	1658	160 SCT 250 - BKN	20			105	68	16	22	12		988		DC
SA	1757	E140 BKN 250 BKN	20			105	66	18	19	08		988	ACSL E	DC
SA	1857	E140 BKN	20			100	64	18	19	05		988	602 1070	DC
SA	1955	E140 BKN	20			099	64	20	15	06		988		DC
SA	2056	140 SCT	20			100	62	20	17	04		989		DC
SA	2153	140 SCT	20			095	60	20	13	07		988	000 1030 72	DC
SA	2257	CLR	20			095	57	19	10	06		988		DC
SA	2358	CLR	20			091	59	20	18	09		987		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 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

(4-86)

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE 1989 MAR 15

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	26.580			21	0	0	Cl	250												0	4	.000			00-01
01 50	26.570			22	0															0					01-02
02 51	26.560			24	0															0					02-03
03 54	26.570			25	0															0	5	010			03-04
04 53	26.580			26	0															0					04-05
05 56	26.580			25	0															0					05-06
06 55	26.600			21	2	2	Cl	250												0	3	030			06-07
07 57	26.600			17	6															0					07-08
08 56	26.600			16	7															1					08-09
09 53	26.600			12	9	2	AC	140	7	Cl	250	9								3	4	000			09-10
10 54	26.590			11	9															4					10-11
11 55	26.580			11	10															7					11-12
12 54	26.550			12	10	10	CS	E25												7	8	050			12-13
13 53	26.540			11	10															4					13-14
14 50	26.570			11	6															1					14-15
15 58	26.490			12	9	1	AC	160	9	CI	250	9								4	7	.060			15-16
16 58	26.485			13	6															3					16-17
17 57	26.485			16	9															9					17-18
18 57	26.485			17	9	9	AC	E140												9	6	.005			18-19
19 55	26.490			18	9															9					19-20
20 56	26.495			20	3															3					20-21
21 53	26.485			21	1	1	AC	140												1	0	.000			21-22
22 57	26.485			23	0															0					22-23
23 58	26.480			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 0352	X	0	0	X	48	40	X	X						X		
	0352	1	0	0	0	51	40		0								
	0951	2	0	0	0	64	39		0								
	1550	3	0	0	0	72	64		0								
	2148	4	0	0	0	71	60		0								
	MID.	X	0	0	0	60	56	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0953	1554	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.570	26.600	26.490	26.485
BAROGRAPH 64	26.570	26.605	26.495	26.495
BAR. CORR. 65	0	-.005	-.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 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
72	39	0	0	0	21	SW	1516*					7	5		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0555 SUNSET 1751

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: 1053P/1200S P

* 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: MAR 16, 1989

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	0057	CLR	20			091	58	23	19	13		987	803	DC
SA	0157	CLR	20			081	60	24	18	10		985		DC
SA	0255	CLR	20			079	60	24	18	10		984		DC
SA	0354	CLR	20			074	60	18	18	06		983	612 56 RADAT 20118	JP
SA	0455	CLR	20			075	59	19	17	05		983		JP
SA	0557	CLR	20			076	59	19	18	14		983		JP
SA	0653	CLR	20			076	62	19	19	18		983	400	JP
SA	0757	CLR	20			075	64	20	20	21	G36	983	PK WND 2036/53	JP
SA	0856	250-BKN	20			067	65	22	21	30	G41	981	PK WND 2044/29	JP
SA	0955	250-SCT	20			068	68	19	21	31	G43	981	*607 1001 56	JP
													*PK WND 2145/07	
SA	1054	250-SCT	20			080	68	22	20	30	G38	984	PK WND ~~2144/38~~ 2145/18	JP
SA	1158	250-SCT	20			068	69	23	20	32	G41	981	PK WND 2049/22	JP
SA	1256	250-SCT	20			060	69	24	19	33	G43	979	FEW CU PK WND	JP
													2047/43 807 1101	
SA	1358	80 SCT 250-SCT	20			056	69	20	21	27	G43	977	PK WND 2143/55	JP
SA	1450	80 SCT 130 SCT 250 SCT	20			052	69	20	21	25	G37	976	ACSL ALQDS	JP
													PK WND 2138/24	
SA	1558	130 SCT 250-BKN	20			041	67	21	22	30	G41	973	ACSL ALQDS PK WND	DC
													2248/40 / 817 1246	
													70 RADAT 44096	
SA	1657	E120 BKN 250 BKN	20			044	65	24	20	30	G41	973	ACSL E PK WND	DC
													2041/57	
SA	1753	120 SCT 250-BKN	20			049	62	28	21	21	G32	974	PK WND 2043/07	DC
SA	1855	250-SCT	20			067	59	28	21	15	G26	980	320 1078	DC
SA	1957	250-BKN	20			082	57	31	22	17	G24	984		DC
SA	2057	E200 OVC	20			096	56	32	24	16	G23	988	BINOVC NW	DC
SA	2155	E200 BKN	20			100	55	32	24	10		989	129 1002 70	DC
SA	2255	CLR	20			110	52	33	25	11		992		DC
RS	2355	CLR	20			121	50	33	36	08		995	WSHFT 15	DC

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

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

(4-80)

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE MAR 16, 1989

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 57	26.475	58		26	0															0	8	.010			00-01
01 57	26.460	60		25	0															0					01-02
02 55	26.450	60		25	0															0					02-03
03 54	26.440	60		19	0															0	6	035 ~~035~~			03-04
04 55	26.440	59		21	0															0					04-05
05 57	26.440	59		21	0															0					05-06
06 53	26.440	62		19	0															0	4	000			06-07
07 57	26.440	64		18	0															0					07-08
08 56	26.420	65		19	8															1					08-09
09 55	26.420	68		15	4	4	CI	250												1	6	020			09-10
10 54	26.450	68		17	4															1					10-11
11 58	26.490	69		17	3															1					11-12
12 56	26.460	69		18	3	0	CU	80	3	CI	250	3								1	8	020			12-13
13 58	26.390	69		15	3															1					13-14
14 50	26.380	69		15	5															4					14-15
15 58	26.350	67		17	6	0	CU	80	1	ACSL	130	1	6	CS	250	6				2	8	.050			15-16
16 57	26.350	65		21	7															7					16-17
17 53	26.360	62		28	7															2					17-18
18 55	26.410	59		31	5	0	AC	120	5	CS	250	5								1	3	.060			18-19
19 57	26.450	57		37	7															3					19-20
20 57	26.485	56		40	10															9					20-21
21 55	26.495	55		42	6	6	CI	E200												4	1	.085			21-22
22 55	26.520	52		48	0															0					22-23
23 55	26.550	50		52	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 0352	X	0	0	X	62	57	X	X						X		
	0352	1	0	0	0	62	56		0								
	0953	2	0	0	0	68	58		0								
	1550	3	0	0	0	70	66		0								
	2148	4	0	0	0	68	55		0								
	MID.	X	0	0	0	55	50	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0953	1554	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.440	26.490	26.350	26.495
BAROGRAPH 64	26.440	26.490	26.350	26.500
BAR. CORR. 65	0	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	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
70	50	0	0	0	49	S	1122					4	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 0554 SUNSET 1751

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: 1073 6P / 1905P /

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: MAR 17, 1989

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. SERIES INITIALS (15)
SA	0055	250 - SCT	20			130	49	7	05	12		997	225 1006	DC
SA	0157	250 - OVC	20			136	46	10	06	06		999		DC
SA	0252	250 - SCT	20			136	46	3	07	05		999		DC
SA	0355	250 - SCT	20			137	45	5	07	06		999	103 1008 44 RADAT 66078	JP
SA	0457	250 - SCT	20			148	41	6	06	03		001		JP
SA	0553	250 - OVC	20			156	43	1	04	06		003	FEW AC NE	JP
SA	0656	250 - OVC	20			165	45	-1	04	10		005	220 1007	JP
SA	0754	250 - OVC	20			164	48	6	09	03		005		JP
SA	0853	250 - OVC	20			166	52	1	04	15		006		JP
SA	0954	250 - OVC	20			166	55	3	03	11		006	103 1007 40	JP
SA	1055	250 - OVC	20			168	59	10	01	08		007		JP
SA	1157	250 - OVC	20			164	61	12	21	05		006		JP
SA	1254	250 - OVC	20			160	63	12	08	06		005	803 1007	JP
SA	1353	250 - OVC	20			153	65	11	24	06		003		JP
SA	1450	250 - OVC	20			153	65	13	21	10		003		JP
SA	1555	250 - OVC	20			149	65	18	27	03		002	712 1007 66	DC
													RADAT 29114	
SA	1657	250 - OVC	20			150	63	20	25	09		001		DC
SA	1755	250 - OVC	20			151	60	18	28	05		002		DC
SA	1853	250 - SCT	20			160	55	16	36	05		003	305 1008	DC
SA	1955	250 - SCT	20			169	50	15	02	05		005		DC
SA	2057	E250 OVC	20			170	49	16	05	07		006		DC
SA	2158	E250 OVC	20			174	50	18	01	07		008	215 1007 66	DC
SA	2255	E250 OVC	20			174	49	20	04	08		008		DC
SA	2357	E180 OVC	20			174	48	18	13	03		008		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 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

NAMC, DESERT ROCK NEVADA

DATE MAR 17, 1989

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	4	4	CS	250												1	2	.075			00-01
01 57	26.580			23	10															2					01-02
02 52	26.580			17	5															0					02-03
03 55	26.580			19	4	4	CS	250												0	1	010			03-04
04 57	26.600			23	4															0					04-05
05 53	26.620			17	10															2					05-06
06 56	26.640			14	10	10	CS	250												1	2	060			06-07
07 54	26.640			18	10															2					07-08
08 53	26.650			12	10															3					08-09
09 54	26.650			12	10	10	CS	250												3	1	010			09-10
10 55	26.660			14	10															2					10-11
11 57	26.650			14	10															2					11-12
12 54	26.640			13	10	10	CS	250												2	8	010			12-13
13 53	26.620			12	10															2					13-14
14 50	26.620			13	10															1					14-15
15 55	26.605			16	10	10	CS	250												3	7	.035			15-16
16 57	26.600			19	10															1					16-17
17 55	26.605			19	10															0					17-18
18 53	26.620			21	3	3	CS	250												0	3	.015			18-19
19 55	26.640			24	3															1					19-20
20 57	26.650			27	10															7					20-21
21 58	26.665			28	10	10	CS	E250												6	2	.045			21-22
22 55	26.665			32	10															6					22-23
23 57	26.670			30	10															10					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 0353	X	0	0	X	50	44	X	X						X		
	0353	1	0	0	0	55	44		0								
	0952	2	0	0	0	55	40		0								
	1549	3	0	0	0	66	55		0								
	2150	4	0	0	0	65	49		0								
	MID.	X	0	0	0	50	47	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0355	0954	1552	2154
ATT. THERM. 60				
OBSRV'D. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.580	26.650	26.605	26.665
BAROGRAPH 64	26.585	26.670	26.595	26.655
BAR. CORR. 65	-005	-020	+.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
66	40	0	0	0	18	NE	0025					10	8		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0552 SUNSET 1752

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: 1062 P/ 2200 P/

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: MAR 18, 1989

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	0057	180 SCT E250 OVC	20			170	48	20	00	00		008	000 1027	DC
SA	0154	160 SCT E250 OVC	20			170	46	21	15	04		008		DC
SA	0255	160 SCT E250 OVC	20			170	45	20	08	03		007		DC
SA	0356	140 SCT E250 OVC	20			169	45	20	09	03		007	602 1027 44	JP
													RADAT 29119	
SA	0455	140 SCT E250 OVC	20			171	43	20	06	03		007		JP
SA	0556	E200 OVC	20			177	42	20	00	00		008		JP
SA	0655	E200 OVC	20			181	47	21	00	00		009	307 1007	JP
SA	0754	E200 OVC	20			181	51	21	00	00		009		JP
SA	0853	E200 OVC	20			184	58	21	00	00		011		JP
SA	0955	E200 OVC	20			184	62	21	26	03		012	307 1007 41	JP
SA	1054	E200 OVC	20			178	66	21	31	04		011		JP
SA	1157	E200 OVC	20			173	68	22	21	07		009		JP
SA	1256	E200 OVC	20			166	68	23	28	05		007	814 1007	JP
SA	1354	E200 OVC	20			164	67	24	28	09		006		JP
SA	1450	180 SCT E250 OVC	20			160	69	24	24	10		005		JP
SA	1558	E200 OVC	20			151	68	26	24	10		003	814 1002 70	DC
													RADAT 53111	
SA	1656	200 - OVC	20			148	70	27	25	11		002	ACSL SE-SW	DC
SA	1756	200 - OVC	20			150	67	28	20	12		002	FEW AC	DC
SA	1855	200 - OVC	20			155	63	29	00	00		003	500 1007	DC
SA	1952	CLR	20			150	59	27	07	03		002	AC SE	DC
SA	2056	250 - SCT	20			151	55	27	05	03		003	AC SE	DC
SA	2157	250 - SCT	20			151	53	27	04	05		003	500 1006 70	DC
SA	2255	250 - OVC	20			148	52	25	00	00		003		DC
SA	2357	E200 OVC	20			142	56	28	31	05		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: IIiii $i_R i_x$hVV Ndddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5oppp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE MAR 18, 1989

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 57	26.665	48		33	10	3	AS	180	10	CS	E250	10								8	0	.000			00-01
01 54	26.665	46		37	10															7					01-02
02 55	26.660	45		37	10															6					02-03
03 56	26.660	45		37	10	2	AS	140	10	CS	E250	10								7	6	005			03-04
04 55	26.660	43		40	10															7					04-05
05 56	26.670	42		41	10															9					05-06
06 55	26.680	47		35	10	10	CS	E200												9	3	020			06-07
07 54	26.680	51		30	10															9					07-08
08 53	26.690	56		25	10															8					08-09
09 55	26.700	64		21	10	10	CS	E200												8	3	020			09-10
10 54	26.690	66		18	10															8					10-11
11 57	26.680	68		17	10															8					11-12
12 56	26.660	65		18	10	10	CS	E200												8	8	040			12-13
13 54	26.650	61		20	10															9					13-14
14 50	26.640	69		18	10															7					14-15
15 58	26.620	65		21	10	10	CI	E200												9	8	.040			15-16
16 56	26.610	70		20	10															5					16-17
17 56	26.610	67		23	10															2					17-18
18 55	26.620	63		28	10	10	CS	200												3	5	.000			18-19
19 52	26.610	59		29	0															0					19-20
20 56	26.615	55		34	2															0					20-21
21 57	26.620	53		36	5	5	CS	250												1	5	.000			21-22
22 55	26.615	52		35	10															3					22-23
23 57	26.610	56		34	10															6					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 0354	X	0	0	X	49	44	X	X						X		
	0354	1	0	0	0	50	44		0								
	0953	2	0	0	0	62	41		0								
	1550	3	0	0	0	70	62		0								
	2150	4	0	0	0	70	53		0								
	MID.	X	0	0	0	56	51	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0356	0955	1554	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.660	26.700	26.620	26.620
BAROGRAPH 64	26.650	26.695	26.610	26.610
BAR. CORR. 65	+010	+005	+.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
70	41	0	0	0	22	SW	1744					10	9		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0551 SUNSET 1753

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: 0639P / 1900P /

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: MAR 19, 1989

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	E200 OVC	20			143	57	28	35	03		003	502 1007	DC
SA	0157	E200 OVC	20			145	57	28	03	04		003		DC
SA	0257	E200 OVC	20			140	58	28	24	07		002		DC
SA	0351	E250 OVC	20			144	54	27	05	05		002	102 1037 51 RADAT 31114	CRD
SA	0450	E250 OVC	20			143	49	26	36	04		002	FEW AC	CRD
SA	0552	E250 OVC	20			148	47	25	13	06		002		CRD
SA	0653	E250 OVC	20			155	49	26	14	04		004	305 1007	CRD
SA	0751	E250 OVC	20			153	58	26	35	05		004		CRD
SA	0852	E250 OVC	20			155	62	25	23	06		005	FEW CU NE	CRD
SA	0953	E250 OVC	20			157	64	24	23	10		005	205 1007 45	CRD
SA	1051	E250 OVC	20			150	65	24	23	10		003		CRD
SA	1150	E250 OVC	20			138	67	25	20	12		001	FEW SC	CRD
SA	1250	E250 OVC	20			127	69	25	22	14	G17	997	CU NW-NE/724 1107	CRD
SA	1353	E250 OVC	20			118	71	26	24	08		995	CU NW-NE	CRD
SA	1450	250 -OVC	20			105	73	26	24	12		992	CU NW-NE	CRD
SA	1555	80 SCT 250 ~~-OVC~~ OVC	20			102	73	26	25	13		991	620 1108 73 RADAT 38110	JS
SA	1652	80 SCT 250- OVC	20			104	72	27	23	12		991		JS
SA	1751	80 SCT 250 -BKN	20			108	69	26	27	07		991		JS
SA	1850	80 SCT 250 -SCT	20			114	66	27	01	12		992	303 ~~1408~~ 1408	JS
SA	1957	CLR	20			128	63	27	03	12	G20	997	SC N-E	JS
SA	2051	CLR	20			136	61	23	03	14	G26	000	SC N-E	JS
SA	2153	CLR	20			144	60	22	04	10	G24	003	SC E-S/332 1400 73	JS
SA	2254	100 SCT	20			155	58	22	05	12		005		JS
SA	2353	250 SCT	20			164	55	20	07	08		007		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 $i_R i_x h$VV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp 6RRRt_r 7wwW$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$ plus regional and national data groups.

(4-86)

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE MAR 19, 1989

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	26.615	63		33	10	10	CS	E200												6	5	.005			00-01
01 57	26.615	63		33	10															7					01-02
02 57	26.610	58		32	10															7					02-03
03 51	26.610	54		35	10	0	Ac	170	10	CS	E250	10								6	6	.005			03-04
04 50	26.605	49		40	10															6					04-05
05 52	26.610	47		42	10															6					05-06
06 53	26.625	49		41	10	10	CS	E250												6	3	.015			06-07
07 51	26.630	58		29	10															6					07-08
08 52	26.635	62		24	10															7					08-09
09 53	26.640	64		22	10	10	CS	E250												7	2	.015			09-10
10 51	26.620	65		21	10															7					10-11
11 50	26.595	67		20	10															7					11-12
12 50	26.570	69		19	10	0	CU	80	10	CS	E250	10								7	7	.070			12-13
13 53	26.550	71		18	10															6					13-14
14 50	26.520	73		17	10															3					14-15
15 55	26.510	73		18	10	1	CU	80	9	CS	250	10								3	6	.060			15-16
16 52	26.505	72		18	10															3					16-17
17 51	26.510	69		20	8															2					17-18
18 50	26.520	66		23	2	1	SC	80	1	CS	250	2								1	3	.010			18-19
19 57	26.570	63		25	0															0					19-20
20 51	26.590	61		23	0															0					20-21
21 53	26.615	66		23	0	0	SC	80												0	3	.085			21-22
22 54	26.640	58		25	1															1					22-23
23 53	26.660	59		25	3															3					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	58	54	X	X						X		
	0348	1	0	0	0	58	51		0								
	0947	2	0	0	0	65	45		0								
	1551	3	0	0	0	73	64		0								
	2149	4	0	0	0	73	60		0								
	MID.	X	0	0	0	60	55	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0952	1555	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.610	26.690	26.510	26.615
BAROGRAPH 64	26.605	26.625	26.495	26.60x
BAR. CORR. 65	+.005	+.015	+.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 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
73	45	0	0	0	33	NE	2113					10	8		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0549 SUNSET 1754

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: / 0900 / 2020 /

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, NV

DATE: MAR 20 1989

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	250 SCT	20			170	54	18	06	11 G 20		009	222 1008	JS
SA	0152	CLR	20			183	49	25	04	12 G 19		013		JS
SA	0250	CLR	20			196	47	24	03	06		017		JS
SA	0351	CLR	20			202	46	20	05	11		018	227 46 RADAT 41075	CRD
SA	0453	CLR	20			210	45	16	05	10		020		CRD
SA	0550	CLR	20			220	43	13	03	14		023		CRD
SA	0652	CLR	20			228	43	13	03	15 G 20		025	219	CRD
SA	0752	CLR	20			235	46	13	04	15 G 23		026		CRD
SA	0854	CLR	20			237	50	13	04	15 G 22		027		CRD
SA	0951	CLR	20			236	53	14	03	14 G 25		027	108 43	CRD
SA	1050	CLR	20			231	57	15	36	12 G 23		026		CRD
SA	1150	CLR	20			225	59	14	02	12 G 19		024		CRD
SA	1250	CLR	20			215	61	15	36	06 G 19		022	717	CRD
SA	1350	CLR	20			210	63	14	35	08 G 15		019		CRD
SA	1450	CLR	20			207	64	13	02	10 G 17		018		CRD
SA	1551	CLR	20			204	65	12	07	10		018	612 1001 65	JS
													RADAT 27088	
SA	1654	CLR	20			205	64	11	23	05		018		JS
SA	1750	250 - BKN	20			214	62	10	15	03		019		JS
SA	1850	250 SCT	20			216	58	9	12	09		019	305 1001	JS
SA	1951	250 - SCT	20			228	55	9	06	09		024		JS
SA	2053	250 SCT	20			235	49	8	04	06		025		JS
SA	2153	250 SCT	20			234	48	10	36	04		025	15 ~~165~~ 1008 65	JS
SA	2251	250 - SCT	20			236	47	10	00	00		026		JS
SA	2352	250 - BKN	20			236	47	10	16	06		026		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 $i_R i_x h VV$ Nddff $1s_n TTT$ $2s_n T_d T_d T_d$ $3P_c P_o P_o P_o$ 4PPPP 5appp $6RRR t_R$ $7wwW_1W_2$ $8N_h C_L C_M C_H$ plus regional and national data groups.

NOAA
NATIONAL WEATHER SERVICE

WSMO, DESERT ROCK, NV

SURFACE WEATHER OBSERVATIONS

DATE MAR 20 1989

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	26.680	54		24	2	2	CS	250												2	2	.065			00-01
01 52	26.710	49		39	0															0					01-02
02 50	26.745	47		40	0															0					02-03
03 51	26.760	46		35	0															0	2	.080			03-04
04 53	26.780	45		31	0															0					04-05
05 50	26.795	43		29	0															0					05-06
06 52	26.815	43		29	0															0	2	.055			06-07
07 52	26.830	46		26	0															0					07-08
08 54	26.840	50		22	0															0					08-09
09 51	26.840	53		21	0															0	1	.025			09-10
10 50	26.830	57		19	0															0					10-11
11 50	26.810	59		17	0															0					11-12
12 50	26.790	61		16	0															0	7	.050			12-13
13 50	26.770	63		15	0															0					13-14
14 50	26.760	64		13	0															0					14-15
15 51	26.755	65		13	0	0	CI	250												0	6	.035			15-16
16 54	26.755	64		12	0															0					16-17
17 50	26.770	62		13	8															2					17-18
18 50	26.770	58		14	1	1	CI	250												1	3	.015			18-19
19 51	26.805	55		16	3															1					19-20
20 53	26.815	49		19	1															1					20-21
21 53	26.815	48		22	1	1	CS	250												1	1	.015			21-22
22 51	26.825	47		22	3															1					22-23
23 52	26.880	47		21	8															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	56	46	X	X						X		
	0348	1	0	0	0	60	46		0								
	0949	2	0	0	0	53	43		0								
	1549	3	0	0	0	65	53		0								
	2150	4	0	0	0	65	48		0								
	MID.	X	0	0	0	50	44	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1551	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.760	26.840	26.755	26.815
BAROGRAPH 64	26.750	26.845	26.760	26.820
BAR. CORR. 65	+.010	-.005	-.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 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
65	43	0	0	0	25	NE	0952 X					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 0548 SUNSET 1755

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: 1060 / 2147 /

X LAST OF SEVERAL OCCURANCES

MF 1-10A
(5-83)

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

STATION: WSMO, DESERT ROCK, NV

DATE: MAR 21 1989

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)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	250 - OVC	20			239	41	8	00	00		026	105 1007	JS
SA	0151	250 - OVC	20			236	43	9	01	05		026		JS
SA	0250	250 - OVC	20			235	41	9	07	06		026		JS
SA	0351	250 - OVC	20			232	41	9	31	06		025	803 1007 39 RADAT 20111	CRD
SA	0450	250 - OVC	20			238	38	9	07	05		026		CRD
SA	0550	250 - OVC	20			235	38	9	36	05		026		CRD
SA	0653	250 - OVC	20			242	47	11	25	04		027	307 1007	CRD
SA	0750	250 - OVC	20			243	53	11	28	03		028		CRD
SA	0850	250 - OVC	20			244	57	11	02	04		028		CRD
SA	0950	250 - OVC	20			238	61	12	14	08		027	000 1007 37	CRD
SA	1057	250 - OVC	20			229	65	12	19	06		025		CRD
SA	1152	250 - OVC	20			218	67	11	16	04		022		CRD
SA	1253	E250 OVC	20			212	68	9	21	05		019	724 1007	CRD
SA	1354	E250 OVC	20			199	69	15	24	09		016		CRD
SA	1450	E250 OVC	20			188	71	16	25	08		014		CRD
SA	1557	250 - SCT	20			184	70	16	27	14		012	724 1008 71	JS
													RADAT 32120	
SA	1650	250 SCT	20			180	68	13	24	13		010		JS
SA	1750	CLR	20			176	66	12	28	07		008	CS W	JS
SA	1857	250 - BKN	20			175	60	6	24	04		008	610 1001	JS
SA	1950	250 - BKN	20			174	58	4	00	00		009		JS
SA	2050	250 SCT	20			174	55	3	11	09		009		JS
SA	2150	250 - BKN	20			175	53	2	07	05		009	203 1008 71	JS
SA	2252	250 - SCT	20			168	50	4	12	05		008		JS
SA	2350	250 - SCT	20			166	48	4	00	00		007		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 ipi hVV Nddff 1s$_n$TTT 2s$_n$T$_d$T$_d$T$_d$ 3P$_o$P$_o$P$_o$P$_o$ 4PPPP 5appp 6RRRt$_R$ 7wwW$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

WSMO, DESERT ROCK, NV

SURFACE WEATHER OBSERVATIONS

DATE MAR 21 1989

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	26.830	41		25	10	10	CS	250												4	1	.015			00-01
01 51	26.830	43		25	10															4					01-02
02 50	26.825	41		27	10															4					02-03
03 51	26.820	41		27	10	10	CS	250												3	8	.010			03-04
04 50	26.830	38		30	10															3					04-05
05 50	26.830	38		30	10															3					05-06
06 53	26.840	47		23	10	10	CS	250												4	3	.020			06-07
07 50	26.850	55		18	10															4					07-08
08 50	26.850	57		16	10															5					08-09
09 50	26.840	61		14	10	10	CS	250												5	0	.000			09-10
10 57	26.820	65		12	10															5					10-11
11 52	26.790	67		11	10															5					11-12
12 53	26.770	68		10	10	10	CS	E250												6	7	.070			12-13
13 54	26.740	69		12	10															6					13-14
14 50	26.720	71		12	10															6					14-15
15 51	26.700	70		12	3	3	CS	250												1	7	.070			15-16
16 50	26.685	68		12	1															1					16-17
17 50	26.670	66		12	0															0					17-18
18 51	26.670	66		12	6	6	CL	250												2	6	.030			18-19
19 50	26.675	58		11	8															3					19-20
20 50	26.675	55		11	1															1					20-21
21 50	26.680	53		12	8	8	CS	250												3	2	.010			21-22
22 52	26.665	50		15	1															0					22-23
23 50	26.660	48		16	2															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 0347	X	0	0	X	47	39	X	X						X		
	0347	1	0	0	0	50	39		0								
	0946	2	0	0	0	61	37		0								
	1548	3	0	0	0	71	61		0								
	2148	4	0	0	0	71	52		0								
	MID.	X	0	0	0	55	46	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0949	1557	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.820	26.840	26.700	26.680
BAROGRAPH 64	26.820	26.840	26.700	26.685
BAR. CORR. 65	0	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	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
71	37	0	0	0	17	W	1516					8	8		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0546 SUNSET 1756

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: 10700 1749 /

* BAROGRAPH CHART CHANGED.

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, NV

DATE: MAR 22 1989

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. SERVERS INITIALS (15)
SA	0053	250 - OVC	20			166	47	5	12	03		007	607 1007	JS
SA	0153	250 SCT	20			160	43	4	05	03		005		JS
SA	0250	250 SCT	20			156	41	3	33	05		004		JS
SA	0358	250-SCT	20			154	42	3	06	03		003	614 1008 40	EP
SA	0450	250 - SCT	20			155	40	3	05	03		003	RADAT 49112	EP
SA	0552	250 - BKN	20			152	42	5	02	05		002		EP
SA	0652	250 - OVC	20			156	46	5	00	00		003	500 1007	EP
SA	0751	E 250 OVC	20			152	56	8	00	00		003		EP
SA	0850	E 250 OVC	20			150	62	9	32	04		003		EP
SA	0956	E 250 OVC	20			150	65	14	25	05		003	400 1007 39	EP
SA	1050	250 - OVC	20			146	68	15	22	07		002	FEW AC	EP
SA	1150	E 250 OVC	20			138	69	17	19	09		000		EP
SA	1252	E 250 OVC	20			128	69	16	21	11		996	820 1007	EP
SA	1352	E 250 OVC	20			118	71	18	20	09		993	FEW CU NW	EP
SA	1451	E 250 OVC	20			111	71	17	25	12		991	FEW CU NW	EP
SA	1554	E250 OVC	20			107	70	17	25	10		990	620 1007 72 RADAT 20110	MR
SA	1657	E250 OVC	20			105	69	15	23	14		988		MR
SA	1754	E250 OVC	20			101	67	16	21	09		987		MR
SA	1853	E250 BKN	20			096	66	17	21	10		986	710 1008	MR
SA	1951	250 SCT	20			095	63	16	33	04		987		MR
SA	2050	CLR	20			098	56	17	35	07		988	CI E-S	MR
SA	2154	CLR	20			101	52	14	10	05		988	107 1001 72	MR
SA	2250	CLR	20			098	50	17	11	04		988	CI SE	MR
SA	2350	CLR	20			097	48	18	29	03		987	CI SE	MR

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

FM12-VII: IIIII ... 1VVV Nddff 2... TTT 3... T1T2T3 3P P P P 4PPPP 5appp 6RRRt 7wwW1W2 8N Ch CmCn plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK, NV

DATE MAR 22 1989

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	26.660	47		17	10	10	CS	250												4	6	.020			00-01
01 53	26.640	44		20	1															1					01-02
02 50	26.630	41		20	1															1					02-03
03 58	26.620	42		19	1	1	Cs	250												0	6	.040			03-04
04 50	26.620	46		21	4															1					04-05
05 52	26.610	42		21	7															3					05-06
06 52	26.620	46		18	10	10	CS	250												5	5	.000			06-07
07 51	26.620	56		14	10															7					07-08
08 50	26.620	62		12	10															8					08-09
09 56	26.620	65		14	10	10	CS	E250												6	4	.000			09-10
10 50	26.610	65		13	10															4					10-11
11 50	26.590	67		14	10															7					11-12
12 52	26.560	67		13	10	10	Cs	E250												7	8	.060			12-13
13 52	26.530	71		13	10															7					13-14
14 51	26.510	71		13	10															9					14-15
15 54	26.500	70		13	10	0	Ac	130	10	CS	E250	10								8	6	.060			15-16
16 57	26.490	69		13	10															9					16-17
17 54	26.480	67		13	10															8					17-18
18 53	26.470	66		15	9	9	Cs	E250												7	7	.030			18-19
19 51	26.480	65		16	2															2					19-20
20 50	26.485	56		21	0															0					20-21
21 54	26.490	52		22	0	0	Cl	250												0	1	.020			21-22
22 50	26.485	50		26	0															0					22-23
23 50	26.480	48		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 0355	X	0	0	X	48	40	X	X						X		
	0355	1	0	0	0	55	40		0								
	0953	2	0	0	0	65	39		0								
	1551	3	0	0	0	72	65		0								
	2151	4	0	0	0	71	52		0								
	MID.	X	0	0	0	53	48	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0356	0954	1553	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.620	26.620	26.500	26.490
BAROGRAPH 64	26.625	26.630	26.505	26.485
BAR. CORR. 65	-.005	-.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 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
72	39	0	0	0	19	W	1525*					10	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 0545 SUNSET 1757

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 0835/1556 1

* LAST OF SEVERAL OCCURRENCES

MF1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAR 23 1989

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	0052	CLR	20			090	52	19	36	05		986	807	MR
SA	0154	CLR	20			087	53	20	34	09		986	FEW C1	MR
SA	0251	250 -SCT	20			087	49	19	06	07		985		MR
SA	0356	CLR	20			088	47	20	01	05		985	603 1001 46 RADAT 20110	EP
SA	0451	250 - SCT	20			094	47	21	02	04		986		EP
SA	0550	250 - SCT	20			104	45	19	00	00		988		EP
SA	0653	E 250 OVC	20			110	49	18	14	04		991	317 1002	EP
SA	0754	E 250 OVC	20			111	54	19	00	00		992		EP
SA	0855	E 250 OVC	20			115	61	27	26	06		993		EP
SA	0952	E 250 OVC	20			117	63	27	21	09		993	~~604~~ 107 1007 44	EP
SA	1050	E 230 OVC	20			114	64	30	15	04		992		EP
SA	1150	E 180 OVC	20			110	65	31	25	04		991		EP
SA	1252	E 180 OVC	20			100	66	32	24	08		988	814 107/	EP
SA	1350	E160 BKN 200 OVC	20			091	69	31	29	08		986		EP
SA	1454	160 SCT E 200 OVC	20			088	71	25	22	15		985		EP
SA	1553	E250 OVC	20			085	70	25	22	16		984	614 1072 71 RADAT 20115	MR
SA	1653	E250 OVC	20			083	70	27	22	15		984		MR
SA	1753	E 250 OVC	20			085	68	28	20	12		984		MR
SA	1853	E250 OVC	20			086	66	28	17	09		984	500 1002	MR
SA	1953	E 250 OVC	20			086	65	25	16	06		985		MR
SA	2053	160 SCT E250 OVC	20			083	66	25	21	13		985		MR
SA	2155	250 -OVC	20			088	63	28	23	10		986	307 1071 71	MR
SA	2250	250 -OVC	20			086	64	24	20	15	G21	986		MR
SA	2353	E250 OVC	20			095	62	24	20	12		988		MR

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

MT-1-10B
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAR 23 1989

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 52	26.470	52		27	0															0	8	.020			00-01
01 54	26.465	53		27	0															0					01-02
02 51	26.460	49		30	3															0					02-03
03 56	26.460	47		34	0	0	Cl	250												0	6	.010			03-04
04 51	26.470	42		35	1															0					04-05
05 50	26.490	48		35	3															1					05-06
06 53	26.510	49		29	10	10	Cl	E250												6	3	.050			06-07
07 54	26.520	54		25	10															8					07-08
08 55	26.530	61		27	10															10					08-09
09 52	26.530	63		25	10	10	CS	E250												10	1	.020			09-10
10 50	26.520	64		28	10															10					10-11
11 50	26.510	63		28	10															10					11-12
12 52	26.490	66		28	10	10	Ac	E180												10	8	.040			12-13
13 50	26.470	67		24	10															10					13-14
14 54	26.460	71		18	10															9					14-15
15 53	26.450	72		18	10	0	Ac	160	10	Cl	E250	10								9	6	.040			15-16
16 53	26.445	70		20	10															7					16-17
17 53	26.445	68		23	10															6					17-18
18 53	26.450	66		24	10	10	Cl	E250												6	5	.000			18-19
19 53	26.455	65		22	10															6					19-20
20 53	26.460	66		21	10															6					20-21
21 55	26.470	63		27	10	0	Ac	160	10	Cl	250									4	3	.020			21-22
22 50	26.470	64		22	10															5					22-23
23 53	26.490	62		23	10															7					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	53	46	X	X						X		
	0352	1	0	0	0	53	46		0								
	0948	2	0	0	0	63	44		0								
	1549	3	0	0	0	71	62		0								
	2151	4	0	0	0	70	63		0								
	MID.	X	0	0	0	64	62	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0949	1552	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.460	26.530	26.450	26.470
BAROGRAPH 64	26.460	26.520	26.450	26.470
BAR. CORR. 65	0	+.010	0	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 UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 0400 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
71	44	0	0	0	24	SW	1438					9	8		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0543 SUNSET 1758

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: 10941 11625 1

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 **MAR 24 1989**

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. SERIES & INITIALS (15)
SA	0053	E250 OVC	20			096	59	28	21	09		988	107 1007	MR
SA	0158	E250 OVC	20			090	59	28	24	11		987		MR
SA	0252	E250 OVC	20			089	57	32	23	15		987		MR
SA	0355	E250 OVC	20			087	58	27	25	13		986	607 1007 56 RADAT 35112	EP
SA	0451	E250 OVC	20			088	56	31	25	15		986		EP
SA	0551	E250 BKN	20			097	55	31	25	15		988		EP
SA	0652	250-BKN	20			102	56	31	21	05		990	310 1008	EP
SA	0751	E250 BKN	20			101	59	31	21	09		990		EP
SA	0850	160 SCT 250 SCT	20			101	63	30	19	06		991		EP
SA	0953	E250 BKN	20			098	65	29	20	09		990	000 1072 55	EP
SA	1051	250-SCT	20			096	68	25	24	17 G25		990	FEW AC SE	EP
SA	1151	E250 BKN	20			097	68	31	22	19G27		990		EP
SA	1252	E250 BKN	20			090	70	32	20	17G27		987	807 1002	EP
SA	1351	250-BKN	20			082	70	34	21	18G26		985		EP
SA	1450	E250 OVC	20			076	69	35	20	17G27		983		EP
SA	1553	E250 OVC	20			072	69	36	20	21G28		982	617 1107 71 RADAT 26114	MR
SA	1653	80 SCT E250 OVC	20			067	70	39	19	19G25		981		MR
SA	1752	250-OVC	20			071	67	40	20	20G28		981		MR
SA	1853	250-OVC	20			075	64	41	21	22G32		982	502 1007	MR
SA	1952	250-OVC	20			081	62	40	21	16G24		984		MR
SA	2054	E250 OVC	20			085	61	41	22	16G24		985		MR
SA	2153	E250 OVC	20			083	59	41	25	14		985	010 1007 71	MR
SA	2253	170 SCT E250 OVC	20			080	58	38	19	06		984		MR
SA	2353	150 SCT E250 OVC	20			082	55	41	24	18		984		MR

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.

NATIONAL WEATHER SERVICE

NSMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE MAR 24 1989

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	26.490	59		30	10	10	CS	E250												7	1	.020			00-01
01 58	26.480	59		31	10															6					01-02
02 52	26.475	59		39	10															8					02-03
03 55	26.470	58		30	10	10	CS	E250												9	6	.020			03-04
04 51	26.470	56		39	10															9					04-05
05 51	26.490	55		40	9															6					05-06
06 52	26.500	56		39	8	8	CS	250												4	3	.030			06-07
07 51	26.500	59		36	6															4					07-08
08 50	26.510	63		29	4															3					08-09
09 53	26.500	65		26	7	0	Ac	160	7	Ci	E250	7								5	0	.000			09-10
10 51	26.500	68		20	5															2					10-11
11 51	26.500	68		25	6															4					11-12
12 52	26.480	70		25	7	7	Ci	E250												4	8	.020			12-13
13 51	26.460	70		27	7															3					13-14
14 50	26.440	69		29	10															6					14-15
15 53	26.430	69		29	10	0	Cu	80	10	Cs	E250	10								8	6	.050			15-16
16 53	26.415	70		32	10															6					16-17
17 52	26.420	69		38	10															5					17-18
18 53	26.425	66		43	10	10	Cs	250												3	5	.005			18-19
19 52	26.445	64		44	10															2					19-20
20 54	26.460	61		48	10															6					20-21
21 53	26.455	59		51	10	10	CS	E250												6	D	.030			21-22
22 53	26.450	58		48	10															8					22-23
23 53	26.450	55		58	10															8					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	62	56	X	X						X		
	0351	1	0	0	0	64	56		0								
	0950	2	0	0	0	65	55		0								
	1549	3	0	0	0	71	65		0								
	2149	4	0	0	0	71	59		0								
	MID.	X	0	0	0	59	55	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0952	1552	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.470	26.500	26.430	26.455
BAROGRAPH 64	26.470	26.510	26.425	26.455
BAR. CORR. 65	0	-.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 UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 0400 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
71	55	0	0	0	32	SW	1846					8	9		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0542 SUNSET 1759

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: 1 0815 / 1655 /

MF1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: **MAR 25 1989**

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	E160 BKN 250 OVC	20			076	56	37	20	11		983	805 1051	MR
SA	0153	E160 BKN 250 OVC	20			069	55	37	25	10		981		MR
SA	0253	E150 BKN 250 OVC	20			064	51	37	04	06		979		MR
SA	0355	E150 BKN 250 OVC	20			056	53	36	23	12		976	720 1077 50 RADAT 2011A	EP
SA	0450	E150 BKN 250 OVC	20			061	50	34	12	07		977		EP
SA	0550	E150 BKN 250 OVC	20			065	51	36	07	05		979		EP
SA	0654	E150 BKN 250 OVC	20			076	55	30	19	17	G24	982	317 1077	EP
SA	0753	E150 BKN 250 OVC	20			077	56	31	21	18	G27	982		EP
SA	0852	60 SCT E120 OVC	20			081	57	32	20	18	G28	983	HIR CLDS VSB	EP
SA	0955	38 SCT E60 BKN 120 OVC	20			081	58	33	21	15		983	103 181/ 50	EP
SA	1051	40 SCT E60 BKN 120 OVC	20			074	58	37	22	24	G30	981		EP
SA	1153	38 SCT M55 OVC	20			081	56	43	19	21	G31	982		EP
SA	1254	25 SCT M32 OVC	~~20~~ 7		R-	075	52	45	20	18		980	*81003 18// * RB02	EP
SA	1354	25 SCT M32 OVC	10		R-	068	51	47	19	19	G25	977		EP
SA	1450	20 SCT M35 OVC	15		R-	060	49	45	14	14		974	BINOVC SW-NW	EP
SA	1556	25 SCT M41 BKN 120 OVC	20			053	50	42	17	11	G22	973	BINOVC SW RE28 62209	MR
													15~~8~~/ 58 RADAT 86078	
SA	1654	45 SCT E140 BKN 250 OVC	20			038	52	37	17	12		968		MR
SA	1752	45 SCT E140 BKN 250 OVC	20			029	51	36	20	19	G31	965	BINOVC SW-NW	MR
SA	1853	45 SCT 130 SCT E250 OVC	20			019	50	36	20	21	G31	963	629 1571	MR
SA	1953	80 SCT 130 SCT E250 BKN	20			026	50	35	20	12	G20	965		MR
SA	2053	40 SCT E130 BKN 250 OVC	20			029	50	35	21	14		966		MR
SA	2151	40 SCT 70 SCT E250 BKN	20			028	49	35	20	10		966	008 1571 ~~58~~ 8 59	MR
SA	2253	50 SCT E120 BKN 250 BKN	20			032	48	34	20	16	G24	967		MR
SA	2353	M45 BKN 90 OVC	20			035	47	~~4~~ 3	23	15	G19	967	BINOVC SW	MR

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

FM12-VII: Iliii iniiiKVV Nddff 1s TTT 2s0T1T2T3 3P0P0P0P0 4PPPP 5appp 6RRRtR 7wwW1W2 8N0C1C2C3C4 plus regional and national data groups.

(4-80)

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE MAR 25 1989

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	26.440	56		48	10	6	Ac	E160	4	Ci	250	10								7	8	.015			00-01
01 53	26.420	55		49	10															9					01-02
02 53	26.400	51		59	10															9					02-03
03 55	26.380	53		52	10	7	Ac	E150	3	Cs	250	10								8	7	.060			03-04
04 50	26.390	52		54	10															9					04-05
05 50	26.400	51		58	10															9					05-06
06 54	26.430	53		38	10	7	Ac	E150	5	Cs	250	10								9	3	.050			06-07
07 53	26.430	54		39	10															10					07-08
08 52	26.440	53		39	10															10					08-09
09 55	26.440	55		39	10	2	CuFRA	38	5	Sc	E60	7	4	As	120	10				10	1	.010			09-10
10 51	26.420	55		46	10															10					10-11
11 53	26.430	56		62	10															10					11-12
12 54	26.410	52		77	10	2	CuFRA	25	10	Sc	M32	10								10	8	.030			12-13
13 54	26.390	51		86	10															10					13-14
14 50	26.360	49		86	10															10					14-15
15 56	26.345	50		76	10	1	CuFRA	25	7	Sc	M41	7	3	Ac	120	10				10	6	.065			15-16
16 54	26.305	52		56	10															9					16-17
17 52	26.280	51		55	10															9					17-18
18 53	26.260	52		59	10	1	Sc	45	2	Ac	130	3	7	Ci	E250	10				6	6	.085			18-19
19 53	26.280	52		57	9															6					19-20
20 53	26.290	50		56	10															7					20-21
21 51	26.285	47		60	7	1	Sc	40	2	Ac	70	3	4	Ci	E250	7				4	0	.025			21-22
22 53	26.295	48		59	7															5					22-23
23 53	26.300	47		55	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 0350	X	0	0	X	56	50	X	X						X		
	0350	1	0	0	0	59	50		0								
	0951	2	0	0	0	58	50		0								
	1550	3	.09	0	0	58	48		2								
	2147	4	0	0	0	53	49		1								
	MID.	X	0	0	0	49	47	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0952	1554	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.380	26.440	26.345	26.285
BAROGRAPH 64	26.380	26.430	26.355	26.305
BAR. CORR. 65	0	*.010	-.010	-.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	SNOW DEPTH (Ins.) 0400 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
58	47	.09	0	0	34	S	1900✓					10	10		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
R-	1202	1528			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0540 SUNSET 1759

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: 1085 8 / 1656 /

* BAROGRAPH CHANGED AND RESET TO ZERO CORR.

✓ LAST OF SEVERAL OCCURANCES

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: MAR 26 1989

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~~	0052	M39 OVC	20			042	46	34	35	15	20	969	WSHFT 47 *20B 1511	MR
													*APRNT FROPA	
SA	0150	28 SCT M50 OVC	20			044	43	36	32	08		969		MR
SP	0210	M28 BKN 50 OVC	20						30	07		969		MR
SA	~~0350~~ 0250	M27 BKN 50 OVC	20		RW-	043	42	37	29	07		967	RB47	MR
SP	~~0408~~ 0308	28 SCT M60 OVC	20						31	08		967	RE04	MR
SA	0350	28 SCT M60 OVC	20			049	43	36	29	08		967	RE04/60300 1511 42	Dca
													20009 RADAT 88058	
SP	0443	M18 BKN 30 OVC	20						30	08		970		Dca
SA	0454	M18 BKN 30 OVC	20			048	43	36	27	07		970		Dca
SP	0535	18 SCT M30 OVC	20		RW-				23	05		970	RB31	Dca
SA	0553	18 SCT M45 OVC	20		RW-	052	42	37	20	03		971	RB31 B/NOVE SE	Dca
SA	0651	45 SCT 250 SCT	20			057	43	37	20	04		972	RE03/11400 1501	Dca
SA	0750	M41 BKN 250 BKN	20			062	45	37	24	08		974		Dca
SA	0852	30 SCT M40 BKN 250 BKN	20			065	47	36	25	11		975		Dca
SA	0950	30 SCT M45 BKN 250 BKN	20			077	49	36	23	10		979	32000 1501 42	Dca
SA	1050	M35 BKN 250 BKN	20			080	51	35	30	07		980		Dca
SA	1150	35 SCT 250 SCT	20			077	52	34	31	05		979		Dca
SA	1250	35 SCT 250 SCT	20			071	56	31	23	10		977	803 1101	Dca
SA	1353	M45 BKN 250 BKN	20			068	56	29	19	10		976		Dca
SA	1451	45 SCT 250 SCT	20			069	58	30	19	05		976	RWU NW	Dca
SA	1554	E70 BKN 120 BKN	20			075	57	28	27	08		979	303 1160 60 RADAT 63076	MR
SA	1656	M55 BKN 120 BKN	20			079	57	28	23	09		980		MR
SA	1756	55 SCT 120 SCT 250 SCT	20			084	55	30	23	08		981	RWU NW	MR
SA	1852	M50 BKN 120 BKN	20			085	53	33	24	05		981	107 1460	MR
SA	1950	50 SCT	20			097	49	33	34	06		984		MR
SA	2055	50 SCT	20			101	47	34	36	07		985		MR
SA	2154	50 SCT 120 SCT	20			105	47	34	01	05		986	117 1460 60	MR
SA	2256	50 SCT 120 SCT	20			112	44	34	05	06		988		MR
SA	2353	120 SCT 250-BKN	20			108	43	33	04	08		987		MR

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

FM12 VII [illegible] 1VV Nddff 2sn TTT 3Ejjj TJTJTJ 3P0P0P0P0 4PPPP 5appp 6RRRtR 7wwW1W2 8N hCLCMCH plus regional and national data groups.

(4-86)

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE MAR 26 1989

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	26.310	46		63	10	10	Sc	M39												10	2	.025			00-01
01 50	26.310	48		76	10															10					01-02
02 50	26.300	42		81	10															10					02-03
03 50	26.300	43		76	10	5	Sc	28	10	Sc	M60	10								10	6	.010			03-04
04 54	26.320	43		76	10															10					04-05
05 53	26.320	42		82	10															10					05-06
06 51	26.340	43		79	5	3	Sc	45	2	Ci	250	5								3	1	.040			06-07
07 50	26.360	45		73	8															7					07-08
08 52	26.370	47		65	8															6					08-09
09 50	26.400	47		61	8	3	Sc	30	3	Sc	M45	6	2	Ci	250	8				7	3	.060			09-10
10 50	26.410	51		54	9															8					10-11
11 50	26.400	52		50	5															4					11-12
12 50	26.390	56		39	5	4	Cu	35	1	Ci	250	5								4	8	.010			12-13
13 53	26.380	56		36	6															5					13-14
14 51	26.380	58		34	4															4					14-15
15 54	26.400	57		33	8	7	Cu	E70	1	Ac	120	8								8	3	.010			15-16
16 56	26.410	57		33	9															9					16-17
17 56	26.420	53		38	5															5					17-18
18 52	26.420	53		46	7	6	Sc	M50	1	Ac	120	7								7	1	.020			18-19
19 50	26.450	44		54	2															2					19-20
20 55	26.460	47		60	1															1					20-21
21 54	26.470	47		60	2	1	Sc	50	1	Ac	120	2								2	1	.050			21-22
22 56	26.490	44		68	2															2					22-23
23 53	26.480	43		68	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 0348	X	T	0	X	47	42	X	X						X		
	0348	1	T	0	0	49	42		0								
	0948	2	T	0	0	50	42		0								
	1550	3	0	0	0	60	49		0								
	2150	4	0	0	0	57	46		0								
	MID.	X	0	0	0	47	43	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1554	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.300	26.400	26.400	26.470
BAROGRAPH 64	26.310	26.410	26.405	26.490
BAR. CORR. 65	-.010	-.010	-.005	-.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	SNOW DEPTH (Ins.) 0400 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
60	42	T	0	0	20	N	0047					7	7		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0247	0304			
RW-	0531	0603			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0539 SUNSET 1800

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: 1040P / 1955 /

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 MAR. 27-1989

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	250-BKN	20			111	42	33	06	04		988	107 1008	[illegible]
SA	0150	250-SCT	20			108	41	33	03	06		987		[illegible]
SA	0250	250-SCT	20			110	42	32	06	03		988		[illegible]
SA	0351	250-SCT	20			119	39	33	11	04		991	307 1001 39 RADAT 57078	DCa
SA	0450	250-SCT	20			126	39	33	11	03		993		DCa
SA	0557	250-BKN	20			131	39	33	00	00		994		DCa
SA	0655	250-OVC	20			147	43	35	18	04		999	324 1007	DCa
SA	0752	250-OVC	20			150	49	34	00	00		000		DCa
SA	0850	250-BKN	20			156	52	34	13	04		002		DCa
SA	0952	250-SCT	20			162	56	33	25	04		004	217 1001 37	DCa
SA	1054	250-SCT	20			155	59	31	30	06		002	Cu NW AND SE	DCa
SA	1152	CLR	20			155	61	31	26	08		002	Cu N-S Ci S-N	DCa
SA	1250	250-BKN	20			151	63	30	18	09		001	Cu N-NE/810 1101	DCa
SA	1350	250-BKN	20			149	65	30	25	08		001	Cu NE	DCa
SA	1454	250-SCT	20			144	65	29	23	10		000		DCa
SA	1550	CLR	20			145	66	27	22	08		000	ACSL NW/603 1041 66	[illegible]
—	—												RADAT 46098	—
SA	1650	CLR	20			146	65	26	24	09		000	ACSL NW	[illegible]
SA	1750	CLR	20			154	64	24	25	07		002	ACSL NW-N	[illegible]
SA	1850	CLR	20			158	61	23	29	05		003	ACSL NW/310 1040	[illegible]
SA	1954	CLR	20			163	58	27	26	06		005		[illegible]
SA	2055	CLR	20			170	55	27	34	07		007		[illegible]
SA	2155	CLR	20			177	53	27	04	05		009	220 66	[illegible]
SA	2250	CLR	20			175	54	26	34	10		009		[illegible]
SA	2355	CLR	20			178	53	26	00	00		011		[illegible]

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

6RRRt 7wwW W 8NCCCtCst plus regional and national data groups.

(4-86)

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE MAR. 27-1989

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	26.490	43		70	8	8	Cs	250												3	1	.020			00-01
01 50	26.480	41		73	3															0					01-02
02 50	26.490	43		68	2															0					02-03
03 51	26.510	39		79	2	2	Ci	250												0	3	.020			03-04
04 50	26.530	39		79	4															1					04-05
05 51	26.540	39		79	9															1					05-06
06 55	26.580	43		73	10	10	Cs	250												2	3	.070			06-07
07 52	26.590	47		56	10															2					07-08
08 50	26.610	54		50	8															3					08-09
09 52	26.630	54		42	3	3	Ci	250												1	2	.050			09-10
10 54	26.610	59		35	2															1					10-11
11 52	26.610	61		32	0															0					11-12
12 50	26.600	63		29	6	0	Cu	60	6	Ci	250	6								2	8	.030			12-13
13 50	26.600	65		27	8															2					13-14
14 54	26.590	65		26	2															0					14-15
15 50	26.590	68		23	0	0	ASL	120	0	Cl	250	0								0	6	.010			15-16
16 50	26.590	69		23	0															0					16-17
17 50	26.610	69		22	0															0					17-18
18 50	26.620	61		23	0	0	ASL	120												0	3	.030			18-19
19 54	26.640	58		30	0															0					19-20
20 55	26.660	55		34	0															0					20-21
21 55	26.680	55		37	0															0	2	.060			21-22
22 50	26.680	54		34	0															0					22-23
23 55	26.690	53		35	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	43	39	X	X						X		
	0349	1	0	0	0	47	39		0								
	0950	2	0	0	0	56	37		0								
	1546	3	0	0	0	66	55		0								
	2151	4	0	0	0	66	53		0								
	MID.	X	0	0	0	55	52	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0951	1550	2155
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.510	26.630	26.590	26.680
BAROGRAPH 64	26.505	26.640	26.610	26.690
BAR. CORR. 65	+.005	-.010	-.020	-.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	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
66	37	0	0	0	21	5	1255					4	3		

WEATHER & OBSTRUCTIONS TO VISION

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

98. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0537 SUNSET 1801

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: 1040 P 1215

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: MAR. 28 - 1989

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			183	49	26	03	04		012	307	[illegible]
SA	0159	CLR	20			184	46	27	06	04		012		[illegible]
SA	0257	CLR	20			172	47	27	02	03		008		[illegible]
SA	0350	CLR	20			175	45	28	07	04		009	507 44 RADAT 46122	[illegible]
SA	0452	CLR	20			179	46	28	00	00		011		[illegible]
SA	0550	CLR	20			186	42	27	00	00		012		[illegible]
SA	0650	CLR	20			194	49	28	00	00		014	314	[illegible]
SA	0750	CLR	20			189	60	28	27	03		014		[illegible]
SA	0853	CLR	20			185	63	28	29	03		013		[illegible]
SA	0953	CLR	20			183	66	26	24	12		013	603 1001 42	[illegible]
SA	1053	CLR	20			175	68	26	24	12		011	Ci SW	[illegible]
SA	1150	CLR	20			166	70	26	24	12		008	Ci SE-SW	[illegible]
SA	1250	CLR	20			159	73	28	25	13		006	720 1001	[illegible]
SA	1354	CLR	20			144	76	26	26	10G	20	002	Ci SW-NW	[illegible]
SA	1451	CLR	20			139	77	24	22	10G	21	001	Cu NW-N Ci SW-NW	[illegible]
SA	1555	CLR	20			140	76	25	21	08		001	CU DSNT NW / 617 1101 77	[illegible]
—	—												RADAT 36119	—
SA	1653	230 SCT	20			132	75	25	22	12	G17	999		[illegible]
SA	1752	230 SCT	20			136	73	25	23	09		999	AC NW	[illegible]
SA	1851	230 SCT	20			135	68	26	29	04		999	607 1001	[illegible]
SA	1950	230 SCT	20			130	65	25	30	08		999		[illegible]
SA	2050	CLR	20			132	66	28	32	07		000		[illegible]
SA	2152	CLR	20			127	65	31	33	08		999	000 77	[illegible]
SA	2254	CLR	20			129	67	33	32	09		000		[illegible]
SA	2355	CLR	20			130	64	35	28	07		000		[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.

(4-86)

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE MAR. 28 - 1989

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	[illegible]		41	0															0	3	-.020			00-01
01 59	26.700	[illegible]		47	0															0					01-02
02 57	26.670	47		46	0															0					02-03
03 50	26.680	[illegible]		51	0															0	5	.020			03-04
04 52	26.690	[illegible]		49	0															0					04-05
05 50	26.700	[illegible]		55	0															0					05-06
06 50	26.720	[illegible]		44	0															0	3	.040			06-07
07 50	26.720	[illegible]		29	0															0					07-08
08 53	26.710	[illegible]		27	0															0					08-09
09 53	26.710	[illegible]		22	0	0	Ci°	250												0	6	.010			09-10
10 53	26.690	[illegible]		21	0															0					10-11
11 50	26.670	[illegible]		19	0															0					11-12
12 50	26.650	[illegible]		19	0	0	Ci°	250												0	7	.060			12-13
13 54	26.610	[illegible]		16	0															0					13-14
14 51	26.600	[illegible]		14	0															0					14-15
15 55	26.600	[illegible]		15	0	0	eu	80	0	ei	250	0								0	6	.050			15-16
16 53	26.580	[illegible]		15	1															1					16-17
17 52	26.580	[illegible]		17	1															1					17-18
18 51	26.580	[illegible]		20	1	1	ei	230												1	6	.020			18-19
19 50	26.580	[illegible]		22	1															1					19-20
20 50	26.590	[illegible]		24	0															0					20-21
21 52	26.580	[illegible]		28	0															0	0	.000			21-22
22 54	26.590	[illegible]		28	0															0					22-23
23 55	26.590	[illegible]		34	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	53	44	X	X						X		
	0348	1	0	0	0	55	44		0								
	0948	2	0	0	0	66	42		0								
	1550	3	0	0	0	77	66		0								
	2148	4	0	0	0	77	64		0								
	MID.	X	0	0	0	68	61	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1555	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.680	26.710	26.600	26.580
BAROGRAPH 64	26.680	26.710	26.630	26.610
BAR. CORR. 65	0	0	-.030	-.030

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
77	42	0	0	0	23	SW	1606					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

98. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0536 SUNSET 1802

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: 1040 P / 1600 /

MF1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: MAR. 29-1989

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	250 - SCT	20			128	58	35	36	05		999	000 1001	NS
SA	0155	250 - SCT	20			129	61	38	28	08		000		NS
SA	0250	CLR	20			130	58	37	01	05		000		NS
SA	0350	250 - SCT	20			135	54	35	02	08		001	307 1001 52 RADAT 21115	Oca
SA	0451	250 - SCT	20			143	55	30	07	05		003		Oca
SA	0552	250 - BKN	20			155	51	31	03	04		005	Ac SE	Oca
SA	0655	250 - SCT	20			161	56	34	18	04		007	Ac SE/220 1031	Oca
SA	0759	250 - SCT	20			168	64	27	00	00		009		Oca
SA	0851	CLR	20			166	66	20	02	09		009	Ci SE-SW	Oca
SA	0951	CLR	20			169	68	19	05	12		011	Cu SE/310 1101 49	Oca
SA	1052	250 - SCT	20			162	70	17	07	08 G 18		009	Cu SE	Oca
SA	1158	250 - BKN	20			158	73	15	36	05		008	Cu SE	Oca
SA	1251	250 - BKN	20			156	74	23	34	09 G 20		007	Cu SE-W/710 1101	Oca
SA	1353	250 - SCT	20			154	76	23	25	10 G 22		006	Cu SE-W	Oca
SA	1450	CLR	20		158	+49	74	21	36	14		007	Cu SE-N C. W	Oca
SA	1550	250 - BKN	20			159	74	20	33	12		007	500 1001 76 RADAT 28103	AD
SA	1650	250 - SCT	20			160	72	18	35	15		007		AD
SA	1750	250 - SCT	20			163	69	15	05	10		007		AD
SA	1850	250 - SCT	20			163	64	11	05	09		007	400 1001	AD
SA	1950	CLR	20			167	62	9	06	08		009		AD
SA	2050	CLR	20			175	59	7	35	04		012		AD
SA	2150	CLR	20			175	60	8	05	06		012	114 76	AD
SA	2250	CLR	20			182	52	0	05	08		013		AD
SA	2350	CLR	20			183	48	-2	00	00		013		AD

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

FM12-VII: Iliii ini EVV Nddff 1s TTT 2s T_dT_dT_d 3P_0P_0P_0P_0 4PPPP 5appp 6RRR_tR_R 7wwW_1W_2 8N_hC_LC_MC_H plus regional and national data groups.

(4-86)

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WBMO, DESERT ROCK NEVADA

DATE MAR. 29-1989

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	58		42	3	3	Ci	250												0	0	.000			00-01
01 55	26.590	61		43	3															0					01-02
02 50	26.590	58		46	0															0					02-03
03 50	26.600	54		49	3	3	Ci	250												0	3	.020			03-04
04 51	26.620	55		38	3															1					04-05
05 52	26.640	51		46	7															2					05-06
06 55	26.660	56		43	2	0	Ac	100	2	Ci	250	2								1	2	.060			06-07
07 59	26.680	64		25	2															1					07-08
08 51	26.680	66		17	0															0					08-09
09 51	26.690	68		15	0	0	Cu	60	0	Ci	250	0								0	3	.030			09-10
10 52	26.680	70		13	3															0					10-11
11 58	26.670	73		11	6															2					11-12
12 51	26.660	74		15	6	0	Cu	60	6	Ci	250	6								1	7	.030			12-13
13 53	26.650	76		14	2															0					13-14
14 50	26.660	74		14	0															0					14-15
15 50	26.660	74		13	7	7	Ci	250												1	5	.000			15-16
16 50	26.660	72		13	3															0					16-17
17 50	26.660	69		12	1															0					17-18
18 50	26.660	64		12	1	1	Ci	250												0	4	.000			18-19
19 50	26.680	62		12	0															0					19-20
20 50	26.700	59		12	0															0					20-21
21 50	26.700	56		12	0															0	1	.040			21-22
22 50	26.710	56		11	0															0					22-23
23 50	26.710	58		12	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	65	52	X	X						X		
	0348	1	0	0	0	68	52		0								
	0947	2	0	0	0	68	49		0								
	1550	3	0	0	0	76	68		0								
	2150	4	0	0	0	74	58		0								
	MID.	X	0	0	0	61	48	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0948	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.600	26.690	26.660	26.700
BAROGRAPH 64	26.630	26.690	26.660	26.700
BAR. CORR. 65	-.030	0*	0	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	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
76	48	0	0	0	23	N	1458					3	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 0534 SUNSET 1803

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: 1040P / 1700P /

* BAROGRAPH CHART CORRECTED

MF1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAR 30, 1989

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			179	51	-2	00	00		013	103	AD
SA	0150	CLR	20			178	51	-3	00	00		013		AD
SA	0250	CLR	20			181	48	2	00	00		013		AD
SA	0352	CLR	20			193	48	2	12	03		016	310 46 RADAT 37102	SH
SA	0450	CLR	20			204	44	3	00	00		018		SH
SA	0549	CLR	20			209	47	5	30	03		019		SH
SA	0654	250 - SCT	20			215	53	5	00	00		022	217 1001	SH
SA	0750	250 - SCT	20			210	63	11	00	00		022		SH
SA	0852	250 - BKN	20			212	68	15	09	02		023		SH
SA	0952	250 - OVC	20			211	70	18	35	08		023	103 1007 43	SH
SA	1051	250 - BKN	20			210	73	20	13	06		022		SH
SA	1148	250 - BKN	20			205	75	21	30	07		019		SH
SA	1252	250 - BKN	20			194	77	24	16	04		017	817 1008	SH
SA	1351	250 - BKN	20			186	77	24	02	04		015		SH
SA	1448	250 - BKN	20			184	78	24	19	06		014		SH
SA	1550	250 - SCT	20			175	78	23	19	10		012	717 1001 80 RADAT 32111	AD
SA	1650	250 - SCT	20			179	75	21	22	14		012		AD
SA	1750	250 - BKN	20			179	73	20	23	08		012		AD
SA	1850	250 - BKN	20			178	69	19	00	00		012	400 1001	AD
SA	1950	250 - BKN	20			176	61	18	00	00		012		AD
SA	2050	250 - BKN	20			181	61	20	00	00		014		AD
SA	2150	250 - BKN	20			181	59	18	00	00		014	107 1001 80	AD
SA	2250	250 - BKN	20			180	59	18	12	05		014		AD
SA	2350	250 - BKN	20			181	54	18	01	04		014		AD

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

(4-86)

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE MARCH 30, 1989

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	26.710	51		11	0															0	1	.010			00-01
01 50	26.710	51		10	0															0					01-02
02 50	26.710	48		15	0															0					02-03
03 52	26.740	48		14	0															0	3	.030			03-04
04 50	26.760	44		17	0															0					04-05
05 49	26.770	47		17	0															0					05-06
06 54	26.790	53		14	1	1	Ci	250												0	2	.050			06-07
07 50	26.790	63		13	4															0					07-08
08 52	26.800	68		13	7															1					08-09
09 52	26.800	73		13	10	10	Cs	250												1	1	.010			09-10
10 51	26.790	73		14	8															1					10-11
11 48	26.770	75		13	8															1					11-12
12 52	26.750	77		14	7	7	Cs	250												1	8	.050			12-13
13 51	26.730	77		14	6															1					13-14
14 48	26.720	75		13	7															3					14-15
15 50	26.700	78		13	4	4	Ci	250												1	7	.050			15-16
16 50	26.700	75		13	3															1					16-17
17 50	26.700	73		13	7															2					17-18
18 50	26.700	69		15	8	8	Ci	250												3	4	.000			18-19
19 50	26.700	61		19	7															3					19-20
20 50	26.720	61		20	9															4					20-21
21 50	26.720	59		20	9	9	Ci	250												4	1	.020			21-22
22 50	26.720	59		20	8															3					22-23
23 50	26.720	54		24	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 0349	X	0	0	X	52	46	X	X						X		
	0349	1	0	0	0	61	46		0								
	0950	2	0	0	0	71	43		0								
	1550	3	0	0	0	80	70		0								
	2150	4	0	0	0	78	59		0								
	MID.	X	0	0	0	63	54	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.740	26.800	26.700	26.720
BAROGRAPH 64	26.740	26.805	26.710	26.730
BAR. CORR. 65	0	-.005	-.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 UNML. TO (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
80	43	0	0	0	22	SW	1526					6	5		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0533 SUNSET 1804

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: 1095GP/ 1700/

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: MAR 31, 1989

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. INITIALS (15)
SA	0050	250 - BKN	20			181	52	18	00	00		014	400 1001	AD
SA	0150	250 - SCT	20			175	50	18	00	00		012		AD
SA	0250	250 - SCT	20			168	48	18	03	05		009		AD
SA	0351	250 - SCT	20			163	49	18	35	05		008	617 1001 48 RADAT24116	SH
SA	0449	CLR	20			165	49	19	00	00		008		SH
SA	0548	250 - SCT	20			167	46	18	02	04		008		SH
SA	0653	250 - BKN	20			166	55	20	25	03		008	400 1008	SH
SA	0749	250 - OVC	20			166	63	21	00	00		008		SH
SA	0855	250 - OVC	20			162	69	20	20	06		008		SH
SA	0953	250 - OVC	20			159	70	21	17	06		007	803 1007 45	SH
SA	1051	250 - OVC	20			151	72	23	21	09		005	AC N	SH
SA	1153	160 SCT 250 - OVC	20			139	76	22	22	12		002		SH
SA	1257	160 SCT E250 OVC	20			132	78	23	22	14		000	724 1077	SH
SA	1352	160 SCT E250 OVC	20			121	77	23	21	11		996		SH
SA	1449	E160 BKN 250 OVC	20			111	78	22	23	12	G18	993		SH
SA	1550	80 SCT 160 SCT E250 OVC	20			102	79	24	23	14		991	727 1128 79	AD
SA	1650	160 SCT E250 - OVC	20			087	78	22	20	12		986	RADAT 36118	AD
SA	1750	160 SCT 250 - OVC	20			088	74	22	22	11		985		AD
SA	1850	160 SCT 250 - OVC	20			084	73	21	20	11		985	617 1078	AD
SA	1950	160 SCT 250 - OVC	20			080	72	25	22	10		986		AD
SA	2050	E250 OVC	20			073	72	28	20	10		984		AD
SA	2150	E250 OVC	20			070	71	27	22	12		983	807 1007 79	AD
SA	2250	E250 OVC	20			068	70	26	24	10		983		AD
SA	2350	E250 OVC	20			068	66	26	03	11		983		AD

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 $2s_n T_d T_d T_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

(4-86)

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE MARCH 31, 1989

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	26.720	52		26	7	7	Ci	250												3	4	.000			00-01
01 50	26.700	54		28	4															1					01-02
02 50	26.680	48		30	3															1					02-03
03 51	26670	49		29	3	3	Ci	250												1	6	.050			03-04
04 49	26670	49		30	0															0					04-05
05 48	26670	46		33	4															1					05-06
06 53	26670	55		25	8	8	Cs	250												1	4	.000			06-07
07 49	26.670	53		20	10															1					07-08
08 55	26670	59		15	10															4					08-09
09 53	26660	70		16	10	10	Cs	250												5	8	.010			09-10
10 51	26640	72		16	10															5					10-11
11 53	26610	76		13	10															5					11-12
12 57	26590	78		13	10	1	AC	160	10	Cs	E250	10								8	7	.070			12-13
13 52	26560	77		13	10															8					13-14
14 49	26530	78		13	10															9					14-15
15 50	26.510	79		13	10	1	CU	80	4	AS	160	5	5	Cs	E250	10				7	7	.080			15-16
16 50	26.470	78		12	10															4					16-17
17 50	26.460	74		14	10															4					17-18
18 50	26.460	73		14	10	2	AC	160	8	Cs	250	10								7	6	.050			18-19
19 50	26.460	72		17	10															5					19-20
20 50	26.450	72		19	10															6					20-21
21 50	26.440	71		19	10	10	Cs	E250												7	8	.020			21-22
22 50	26.440	72		19	10															6					22-23
23 50	26.440	66		22	10															8					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	56	48	X	X						X		
	0349	1	0	0	0	63	48		0								
	0952	2	0	0	0	70	45		0								
	1550	3	0	0	6	79	70		0								
	2150	4	0	0	0	79	71		0								
	MID.	X	0	0	0	72	65	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0952	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26670	26660	26.510	26.440
BAROGRAPH 64	26680	26665	26.570	26.445
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	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
79	45	0	0	0	26	SW	1226					9	8		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0532 SUNSET 1805

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 / 1700P