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, Nevada

MONTH: March | YEAR: 1987

LATITUDE: 36° 37' N | LONGITUDE: 116° 01' W | GROUND ELEVATION (H): 3298 FT. | STANDARD TIME: Pacific

DAY 1	TEMPERATURE °F MAXIMUM 2	MINIMUM 3	AVERAGE 4	DEPARTURE FROM NORMAL 5	DEGREE DAYS (Base 65°) HEATING 6a	COOLING 6b	PRECIPITATION (In.) TOTAL (Water equivalent) 7	SNOWFALL, ICE PELLETS 8	SNOW, ICE PELLETS OR ICE ON GROUND AT 9	WIND AVERAGE SPEED Knots 10	FASTEST SPEED Knots 11	FASTEST DIRECTION 12	SUNSHINE Ave. Stn. Pressure 13	PERCENT OF POSSIBLE 14	SKY COVER SUNRISE TO SUNSET (Tenths) 15	WEATHER OCCURRENCES 16	RH (%) 04 17	10 18	16 19	22 20
1	62	30	46		19					5.8	13	NE	26.61		10		67	36	18	65
2	64	32	48		17					4.9	12	SW	26.67		4		67	30	19	55
3	68	34	51		14					5.9	16	E	26.83		3		72	29	19	40
4	74	38	56		9					5.5	18	E	26.78		6		57	24	15	42
5	67	44	56		9		0.03			5.6	19	SW	26.69		10	RW-, R-	49	42	32	90
6	57	49	53		12		0.14			4.5	11	SW	26.65		10	R-	93	89	90	99
7	60	45	53		12		0.02			5.3	19	E	26.57		7	R-, F	100	82	60	89
8	63	45	54		11					5.4	16	SW	26.53		7		96	83	51	84
9	64	43	54		11		0.03			6.3	22	E	26.62		10	T, RW-	89	69	44	77
10	63	37	50		15					6.2	15	SW	26.66		10		76	47	30	43
11	66	38	52		13					4.5	11	SW	26.71		8		70	29	24	85
12	72	38	55		10					6.5	19	SW	26.69		6		73	31	24	27
13	67	49	58		7					12.1	36	SW	26.54		2		26	30	26	19
14	85	41	53		12					11.2	43	S	26.35		8		35	29	31	40
15	50	35	43		22		T	T		10.7	34	S	26.19		9	SW-, RW-	51	92	82	96
16	60	32	46		19					7.7	25	NE	26.41		3		96	50	30	42
17	66	38	52		13					7.8	19	SW	26.55		6		43	26	20	41
18	67	39	53		12					13.1	31	S	26.29		3		63	36	21	30
19	48	32	40		25		T	T		8.5	22	N	26.33		10	SW-	38	82	45	42
20	55	27	41		24					4.7	15	SW	26.55		8		66	32	18	39
21	54	32	43		22		0.07	T		10.5	36	SW	26.32		7	RW-, S-	44	30	89	76
22	56	32	44		21		T	0.4		8.2	23	NW	26.43		6	S-, F	96	70	22	50
23	57	32	45		20					4.2	15	SE	26.50		9		66	34	25	53
24	59	38	49		16		T			10.0	24	NE	26.49		8	RW-	53	38	24	51
25	62	38	50		15					11.4	25	N	26.61		3		53	26	16	38
26	66	37	52		13					10.6	30	N	26.65		3		46	24	14	22
27	57	40	49		16					15.3	30	NE	26.67		1		23	19	13	19
28	61	34	48		17					11.3	25	NW	26.64		2		32	19	12	21
29	60	34	47		18					11.6	30	NE	26.76		0		30	15	10	16
30	67	30	49		16					6.2	20	SE	26.80		4		26	11	11	19
31	73	36	55		10					6.5	20	E	26.67		7		23	11	11	26
SUM	1930	1149	—	—	470	0	0.29	0.4	—	248.0	—	—	823.54	—	190	—	1819	1265	946	1516
AVG	62.3	37.1	—	—	—	—	—	—	—	8.0	FASTEST	DIRECTION		%	6.1	—	59	41	31	49
										MISC. →	43	S	26.57			—				

TEMPERATURE DATA

AVERAGE MONTHLY 49.7
DEPARTURE FROM NORMAL -0.4
HIGHEST 74 ON 4
LOWEST 27 ON 20

NUMBER OF DAYS WITH –
MAX. 32° OR BELOW 0
MAX. 90° OR ABOVE 0
MIN. 32° OR BELOW 9
MIN. 0° OR BELOW 0

HEATING DEGREE DAYS (Base 65°)
TOTAL THIS MONTH 470
DEPARTURE FROM NORMAL 17
SEASONAL TOTAL 2914
DEPARTURE FROM NORMAL 149

COOLING DEGREE DAYS (Base 65°)
TOTAL THIS MONTH 0
DEPARTURE FROM NORMAL 0
SEASONAL TOTAL 0
DEPARTURE FROM NORMAL 0

PRECIPITATION DATA

TOTAL FOR THE MONTH 0.29 IN.
DEPARTURE FROM NORMAL -1.37 IN.
GREATEST IN 24 HRS. 0.14 ON 6

SNOWFALL, ICE PELLETS
TOTAL FOR THE MONTH 0.4 IN.
GREATEST IN 24 HRS. 0.4 ON 22
GREATEST DEPTH ON GROUND 0 ON —

WEATHER

NUMBER OF DAYS –
CLEAR (Scale 0–3) 9
PARTLY CLOUDY (Scale 4–7) 10
CLOUDY (Scale 8–10) 12
WITH 0.01 INCH OR MORE PRECIP. 5
WITH 0.10 INCH OR MORE PRECIP. 1
WITH 0.50 INCH OR MORE PRECIP. 0
WITH 1.00 INCH OR MORE PRECIP. 0

SYMBOLS USED IN COLUMN 16

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

MAXIMUM PRECIPITATION

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

HIGHEST Stn. 26.875 IN. ON 3
LOWEST Stn. 26.080 IN. ON 15

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, 1987

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 (7)	DEW PT. (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Tens) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	250- OVC	20			182	36	25	06	04		007	807 1001	CH
SA	0150	250 - OVC	20			182	35	25	03	05		007		CH
SA	0250	250 - OVC	20			175	34	24	05	05		005		CH
SA	0358	250 - OVC	20			174	34	24	19	03		005	707 1007 33	DC
/													RADAT 20083	/
SA	0454	250 - SCT	20			175	34	22	02	04		005		DC
SA	0555	250 - BKN	20			179	32	23	11	05		005		DC
SA	0650	250 - OVC	20			181	32	24	10	03		005	400 1007	DC
SA	0755	250 - OVC	20			182	39	24	31	04		006		DC
SA	0857	250 - OVC	20			174	47	20	04	10		005		DC
SA	0954	250 - OVC	20			167	51	25	11	06		004	803 1007 30	DC
SA	1053	250 - OVC	20			165	53	24	12	10		003		DC
SA	1157	250 - OVC	20			155	56	22	15	08		001		DC
SA	1257	250 - OVC	20			146	58	13	14	08		999	817 1001	DC
SA	1352	250 - OVC	20			144	59	18	13	07		997		DC
SA	1455	250 - OVC	20			141	59	17	13	08		996		DC
SA	1550	250 - OVC	20			135	61	17	27	05		995	710 1001 62 RADAT 20089	DC
SA	1649	250 - OVC	20			137	59	16	24	07		995		DC
SA	1749	250 - SCT	20			147	53	19	23	05		996		DC
SA	1849	250 - SCT	20			151	49	24	17	09		997	307 1001	DC
SA	1950	250 - SCT	20			150	46	24	10	06		997		DC
SA	2050	250 - SCT	20			155	43	25	08	04		000		DC
SA	2150	250 - SCT	20			155	39	28	10	03		000	107 1002 62	DC
SA	2251	250 - SCT	20			155	41	26	06	04		001		DC
SA	2351	CLR	20			156	37	28	03	05		001		DC

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

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

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

☆ U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAR 11, 1987

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	26.660			64	10	10	CI	250												1	8	.020			00-01
01 50	26.660			67	10															1					01-02
02 50	26.640			67	10															1					02-03
03 58	26.640			67	10	10	CS	250												1	7	.020			03-04
04 54	26.640			61	4															0					04-05
05 55	26.640			69	7															1					05-06
06 50	26.640			72	10	10	CS	250												2	4	.000			06-07
07 55	26.650			55	10															2					07-08
08 57	26.640			34	10															2					08-09
09 54	26.630			36	10	10	CS	250												4	8	.010			09-10
10 53	26.620			32	10															3					10-11
11 57	26.600			26	10															3					11-12
12 57	26.580			17	10	10	CI	250												3	8	.050			12-13
13 52	26.570			20	10															3					13-14
14 55	26.560			17	10															4					14-15
15 50	26.550			18	10	10	ci	250												4	7	.030			15-16
16 49	26.550			18	10															4					16-17
17 49	26.560			26	4															2					17-18
18 49	26.570			37	3	3	ci	250												1	3	.020			18-19
19 50	26.590			42	2															1					19-20
20 50	26.590			49	2															1					20-21
21 55	26.590			65	1	1	ci	250												0	1	.020			21-22
22 51	26.600			55	1															0					22-23
23 51	26.600			70	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	38	33	X	X						X		
	0350	1	0	0	0	44	33		0								
	0948	2	0	0	0	51	30		0								
	1549	3	0	0	0	62	51		0								
	2153	4	0	0	0	61	39		0								
	MID.	X	0	0	0	41	37	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0951	1549	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.640	26.630	26.550	26.580
BAROGRAPH 64	26.645	26.645	26.540	26.580
BAR. CORR. 65	-.005	-.015*	+.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 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 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
62	30	0	0	0	13	NE	0905					10	7		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	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: /1000P/2202P/

* BAROGRAPH CHART CHANGED RESET TO "0" GAR AT 0952P.

☆ U.S. Government Printing Office: 1988—654-383

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 NAS

DATE: MAR 2 1987

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			161	34	27	32	04		002	207	008
SA	0153	CLR	20			156	34	26	10	05		001		008
SA	0254	CLR	20			155	35	25	35	03		001		008
SA	0357	CLR	20			155	34	24	34	04		001	603 33 RADAT 31078	DC
SA	0454	CLR	20			165	33	26	07	06		003		DC
SA	0555	200 - BKN	20			170	32	26	34	05		003		DC
SA	0655	200 - OVC	20			178	35	26	32	05		005	214 1007	DC
SA	0754	200 - SCT	20			186	42	24	19	04		008		DC
SA	0855	200 - SCT	20			188	49	22	11	04		009		DC
SA	0954	CLR	20			189	53	22	32	05		009	114 1001 32	DC
SA	1055	CLR	20			187	59	20	24	05		011	CI SW-NW	DC
SA	1156	CLR	20			189	60	18	27	06		011	CI SW-NW	DC
SA	1255	200 - SCT	20			185	61	21	21	09		009	000 1002	DC
SA	1356	200 - BKN	20			181	62	19	21	06		008		DC
SA	1449	200 - BKN	20			175	62	19	32	05		007		DC
SA	1550	200 - BKN	20			177	63	20	23	04		007	507 1002 64 RADAT 31095	008
SA	1652	200 - BKN	20			178	60	21	26	06		007		008
SA	1750	200 - BKN	20			190	55	28	23	04		009		008
SA	1851	200 - SCT	20			200	50	29	09	05		012	314 1002	008
SA	1953	200 - SCT	20			199	45	30	11	05		015		008
SA	2052	200 - SCT	20			211	43	29	10	03		016		008
SA	2150	CLR	20			215	44	29	11	06		018	220 64	008
SA	2253	CLR	20			217	43	27	07	03		019		008
SA	2350	CLR	20			222	38	28	34	06		020		008

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAR 2 1987

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	26.610			76	0															0	2	.020			00-01
01 53	26.600			72	0															0					01-02
02 54	26.600			67	0															0					02-03
03 57	26.600			67	0															0	6	.010			03-04
04 54	26.620			75	0															0					04-05
05 55	26.620			78	9															3					05-06
06 55	26.640			69	10	10	CS	200												2	2	.040			06-07
07 54	26.670			49	5															0					07-08
08 55	26.680			34	1															0					08-09
09 54	26.680			30	0	0	CI	200												0	1	.040			09-10
10 55	26.690			22	0															0					10-11
11 56	26.690			19	0															0					11-12
12 55	26.680			21	2	2	CI	200												1	0	.000			12-13
13 56	26.670			19	9															4					13-14
14 49	26.655			19	7															2					14-15
15 50	26.660			19	7	7	ci	200												2	5	.020			15-16
16 52	26.660			22	6															2					16-17
17 50	26.680			35	6															2					17-18
18 51	26.700			44	4	4	ci	200												2	3	.040			18-19
19 53	26.730			55	2															1					19-20
20 52	26.740			58	2															1					20-21
21 50	26.760			55	0															0	2	.060			21-22
22 53	26.770			53	0															0					22-23
23 50	26.780			67	0															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	37	33	X	X						X		
	0350	1	0	0	0	41	33		0								
	0949	2	0	0	0	53	32		0								
	1549	3	0	0	0	64	53		0								
	2148	4	0	0	0	63	42		0								
	MID.	X	0	0	0	44	38	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0952	1549	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.600	26.680	26.660	26.760
BAROGRAPH 64	26.600	26.670	26.665	26.755
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 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
64	32	0	0	0	12	SW	1327					4	3		

WEATHER & OBSTRUCTIONS TO VISION

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

96. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0014 SUNSET 1154

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 0957P / 2149P /

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

MF 1-10A
(5-83)

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

STATION

DATE MAR 3 1987

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)	OBSERVERS INITIALS (15)
SA	0053	CLR	20			224	40	28	13	03		022	210	008
SA	0150	CLR	20			229	38	28	03	03		023		008
SA	0252	CLR	20			229	37	28	07	03		023		008
SA	0357	CLR	20			234	36	28	12	04		024	207 35 RADAT 32100	DC
SA	0456	CLR	20			239	34	28	34	04		025		DC
SA	0554	250 - SCT	20			246	35	27	36	06		026		DC
SA	0653	250 - SCT	20			259	38	29	18	05		029	317 1001	DC
SA	0757	250 - BKN	20			260	50	25	04	04		032		DC
SA	0855	250 - SCT	20			258	54	25	12	05		030		DC
SA	0956	250 - SCT	20			248	58	26	36	08		028	803 1001 34	DC
SA	1055	250 - SCT	20			250	60	24	13	11		029		DC
SA	1151	250 - SCT	20			247	63	24	07	08		028		DC
SA	1254	CLR	20			234	65	25	15	09		025	810 1002	DC
SA	1356	250 - SCT	20			225	66	25	14	12		023		DC
SA	1455	250 - SCT	20			223	67	24	10	09		022		DC
SA	1550	250 - SCT	20			223	67	23	16	05		022	610 1001 68 RADAT 33117	008
SA	1650	250 - SCT	20			229	66	21	13	05		023		008
SA	1750	250 - SCT	20			237	58	27	08	08		024		008
SA	1850	250 - SCT	20			240	55	23	11	07		025	210 1001	008
SA	1950	250 - SCT	20			234	55	22	06	04		025		008
SA	2050	250 - SCT	20			238	49	27	24	05		026		008
SA	2149	CLR	20			240	47	24	16	06		027	305 68	008
SA	2250	CLR	20			241	43	27	14	03		027		008
SA	2351	CLR	20			240	45	27	02	05		027		008

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

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

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

U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: NTS, DESERT ROCK NEVADA

DATE: MAR 3 1987

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	26,790			62	0															0	2	.030			00-01
01 50	26.800			67	0															0					01-02
02 52	26.800			70	0															0					02-03
03 57	26.810			72	0															0	2	.020			03-04
04 56	26.820			79	0															0					04-05
05 54	26.830			72	1															0					05-06
06 53	26.860			70	3	3	CI	250												0	3	.050			06-07
07 57	26.875			37	7															1					07-08
08 55	26.870			32	4															0					08-09
09 56	26.850			29	1	1	CI	250												0	8	.010			09-10
10 55	26.860			25	5															1					10-11
11 51	26.850			22	1															0					11-12
12 54	26.820			22	0	0	CI	250												0	8	.030			12-13
13 56	26.795			21	4															1					13-14
14 55	26.790			20	1															0					14-15
15 50	26.790			19	2	2	ci	250												1	6	.030			15-16
16 50	26.800			18	2															1					16-17
17 50	26.810			30	5															2					17-18
18 50	26.820			29	3	3	ci	250												1	2	.030			18-19
19 50	26.820			27	2															1					19-20
20 50	26.830			42	2															1					20-21
21 49	26.835			40	0															0	3	.015			21-22
22 50	26.840			53	0															0					22-23
23 51	26.840			49	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID TO 0350		0	0		40	35										
	0350	1	0	0	0	44	35		0								
	0949	2	0	0	0	58	34		0								
	1549	3	0	0	0	68	57		0								
	2148	4	0	0	0	67	46		0								
	MID.		0	0	0	47	43										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0953	1549	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.810	26.850	26.790	26.835
BAROGRAPH 64	26.805	26.850	26.780	26.835
BAR. CORR. 65	+.005	± 0	+.010	± 0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER 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
68	34	0	0	0	16	E	1421					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 0612 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: /1000P/1543P/

0150/0150

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

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 4 1987

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 (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. REMARKS INITIALS (15)
SA	0050	CLR	20			244	43	26	10	03		028	205	008
SA	0150	CLR	20			235	43	24	36	04		026		008
SA	0250	CLR	20			226	44	25	05	04		024		008
SA	0353	CLR	20			224	38	24	33	05		025	510 38 RADAT 20129	JS
SA	0450	CLR	20			225	43	24	04	05		026		JS
SA	0551	250 - BKN	20			242	42	25	01	06		027		JS
SA	0652	250 - OVC	20		240	234	51	23	13	04		027	ACSL SW 307 1047	JS
SA	0750	250 - SCT	20			244	53	23	11	08		028	AC W	JS
SA	0850	250 - BKN	20			248	57	24	10	08		029	AC W-NW	JS
SA	0952	250 - BKN	20			246	63	25	12	10		029	AC NW / 107 1028 38	JS
SA	1051	E 250 BKN	20			239	66	24	11	08	G17	027	AC NW	JS
SA	1150	E 250 BKN	20			226	66	22	12	13		024	ACSL NW	JS
SA	1251	E 250 BKN	20			215	69	22	11	06		020	ACSL W-NW / 727 1048	JS
SA	1350	250 SCT	20			196	73	23	19	04		016	ACSL NW	JS
SA	1450	160 SCT 250 SCT	20			188	73	22	13	08		014		JS
SA	1552	160 SCT 250 - BKN	20			193	72	21	14	07		014	620 1071 24 RADAT 20129	WRG
SA	1652	160 SCT 250 - BKN	20			190	70	22	17	03		013		WRG
SA	1752	160 SCT 250 - OVC	20			187	65	26	12	05		012		WRG
SA	1852	140 SCT 230 - BKN	20			189	59	26	34	06		013	503 1071	WRG
SA	1952	E 140 BKN 230 BKN	20			198	55	28	16	04		015		WRG
SA	2052	140 SCT	20			202	53	29	00	00		016		WRG
SA	2152	E 140 BKN	20			203	52	30	04	06		017	214 1050 24	WRG
SA	2252	140 SCT E 230 BKN	20			193	52	29	00	00		015		WRG
SA	2352	140 SCT 230 - SCT	20			183	49	28	34	05		012		WRG

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

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

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

U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAR 4 1987

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	26.850			51	0															0	2	.015			00-01
01 50	26.830			47	0															0					01-02
02 50	26.810			47	0															0					02-03
03 53	26.820			57	0															0	5	.030			03-04
04 50	26.830			48	0															0					04-05
05 51	26.835			51	8															3					05-06
06 52	26.840			33	10	0	ACSL	180	10	CS	250	10								4	3	.024			06-07
07 50	26.850			31	4															2					07-08
08 50	26.860			28	7															3					08-09
09 52	26.860			24	8	0	AC	160	8	CS	250	8								3	1	.020			09-10
10 51	26.840			20	9															7					10-11
11 50	26.810			18	9															7					11-12
12 51	26.780			17	7	0	ACSL	180	7	CS	E250	7								4	7	.080			12-13
13 50	26.740			15	2															2					13-14
14 50	26.720			15	2															2					14-15
15 52	26.720			15	6	1	AC	160	5	CI	250	6								2	6	.060			15-16
16 52	26.710			16	7															3					16-17
17 52	26.700			23	10															4					17-18
18 52	26.710			28	8	2	AC	140	6	CI	230	8								2	5	.010			18-19
19 52	26.730			35	7															6					19-20
20 52	26.740			40	5															5					20-21
21 52	26.750			42	7	7	AC	E140												6	2	.040			21-22
22 52	26.730			41	7															6					22-23
23 52	26.700			43	5															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	47	38	X	X						X		
	0350	1	0	0	0	47	38		0								
	0950	2	0	0	0	63	38		0								
	1548	3	0	0	0	74	62		0								
	2148	4	0	0	0	72	50		0								
	MID.	X	0	0	0	53	49	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0952	1550	2150
ATT. THERM. 60				
OBSVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.820	26.860	26.710	26.750
BAROGRAPH 64	26.820	26.860	26.710	26.740
BAR. CORR. 65	0	0	+.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNHL 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
74	38	0	0	0	18	E	1052					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 0611 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: 1315P/2149P/

0652/SLP240/0754

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

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

MF 1-10A
(5-83)

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

STATION: WBMO, DESERT ROCK NEVADA

DATE: MAR 5 1987

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	0052	140 SCT 230 SCT	20			186	46	29	05	04		013	514 1071	WRG
SA	0152	140 SCT 230 SCT	20			175	47	29	03	06		011		WRG
SA	0252	140 SCT 230 SCT	20			176	46	30	04	04		011		WRG
SA	0352	E250 OVC	20			175	48	30	00	00		011	607 1007 44	JS
/													RADAT 21112	
SA	0450	E250 OVC	20			174	48	29	01	06		009		JS
SA	0550	150 SCT E250 BKN	20			176	47	30	10	04		009		JS
SA	0650	100 SCT 150 SCT E250 OVC	20			174	50	30	06	03		008	ACSLE / 707 1048	JS
SA	0750	80 SCT E200 OVC	20			175	52	29	31	04		008		JS
SA	0852	E70 BKN 200 OVC	20			184	53	32	11	06		011		JS
SA	0950	E80 OVC	20			181	58	35	28	03		011	107 102/ 44	JS
SA	1050	E100 OVC	20			180	62	28	23	04		011		JS
SA	1151	100 SCT E200 OVC	20			175	64	31	27	04		009		JS
SA	1253	100 SCT E250 OVC	20			164	67	28	27	05		006	814 1078	JS
SA	1353	E100 BKN 250 OVC	20			158	67	28	23	08		005		JS
SA	1451	70 SCT E100 BKN 250 OVC	20			159	66	27	23	13		005		JS
SA	1552	60SCT E100 OVC	20			166	62	32	22	10G	18	006	Cig RGD/ 500 162/ 67	/
/												/	RADAT 54098	WRG
SA	1652	60SCT E100 OVC	20			174	58	40	25	05		006	RB29 E40 Cig RGD	WRG
SA	1752	M55 BKN 100 OVC	20			176	56	43	31	09		006	RWV NW	WRG
SA	1852	M55 OVC	20		RW-	178	54	45	15	05		008	RB35 PCPN LgT/ 30700	/
													17//	WRG
SA	1952	M50 OVC	15		R-	176	54	43	21	08		008		WRG
SA	2052	M45 OVC	10		R-	185	50	49	22	06		011		WRG
SA	2152	M45 OVC	15			183	50	47	00	00		011	RE30/ 10703 17// 67	WRG
SA	2252	M41 OVC	15		R-	175	52	45	15	08		009	RB20 PCPN LgT	WRG
SA	2352	M45 OVC	10		R-	172	51	47	24	10		008		WRG

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

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8$N_hC_LC_MC_H$ plus regional and national data groups.

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

☆ U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: [illegible], DESERT ROCK NEVADA

DATE: MAR 5 1987

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	26.710			51	4	2	AC	140	2	CI	230	4								3	5	.040			00-01
01 52	26.690			49	3															2					01-02
02 52	26.690			54	3															1					02-03
03 52	26.690			49	10	10	CS	E250												10	6	.020			03-04
04 50	26.680			48	10															10					04-05
05 50	26.680			54	9																				05-06
06 50	26.670			48	10	4	AS	100	1	ACSL	150	5	5	CS	E250	10				7					06-07
07 50	26.670			41	10															10	7	.020			07-08
08 52	26.690			45	10															10					08-09
09 50	26.680			42	10	10	AS	E80												10					09-10
10 50	26.690			27	10															10	1	.020			10-11
11 51	26.680			29	10															10					11-12
12 53	26.650			23	10	4	AC	100	6	CS	E250	10								10	8	.040			12-13
13 53	26.635			24	10															10					13-14
14 51	26.635			23	10															10					14-15
15 52	26.650			32	10	4	ST	60	6	AS	E100	10								10	5	.000			15-16
16 52	26.650			50	10															10					16-17
17 52	26.650			62	10															10					17-18
18 52	26.670			72	10	10	STFA	MSS												10	3	.020			18-19
19 52	26.670			67	10															10					19-20
20 52	26.690			95	10															10					20-21
21 52	26.690			90	10	10	STFA	MSS												10	1	.020			21-22
22 52	26.680			78	10															10					22-23
23 52	26.670			88	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 0350		0	0		49	44										
	0350	1	0	0	0	53	44		0								
	0950	2	0	0	0	58	46		0								
	1548	3	0	0	0	67	58		0								
	2148	4	.03	0	0	62	49		1								
	MID.		T	0	0	53	50										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0950	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.690	26.690	26.650	26.690
BAROGRAPH 64	26.680	26.680	26.655	26.680
BAR. CORR. 65	+.010	+.010	-.005	+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 TO (Ins.) 69	YAM 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
67	44	.03	0	0	19	SW	1502					10	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	BEGAN 86	ENDED 87	88
RW-	1629	1640				
RW-	1835	1930				
R-	1930	2130				
R-	2220	CONT				

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: 1/1450/2044/

BAROGRAPH @ 0950

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

☆ U.S. Government Printing Office: 1986—654-363

MF 1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WOMO, DESERT ROCK NEVADA

DATE: MAR 6 1987

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 INITIALS (15)
SA	0052	M 55 OVC	20			170	50	48	02	08		008	RE 42/ 60701 17//	WRG
SA	0152	M 60 OVC	20			162	50	48	01	05		006		WRG
SA	0252	M 60 OVC	20			159	50	48	01	05		005	20004	WRG
SA	0350	M 50 OVC	20		R-	166	50	48	30	05		007	RB20/ 50501 17// ~~50~~ 49	JS
													RADAT 93086	
SA	0450	M 50 OVC	20		R-	169	49	48	02	05		007		JS
SA	0551	M 45 OVC	20		R-	168	50	48	03	11		006		JS
SA	0654	12 SCT M 65 OVC	20			166	50	48	05	11		005	RE20/ 80506 15//	JS
SA	0759	M 65 OVC	20		R-	180	52	48	12	05		009	RB20	JS
SA	0853	M 50 OVC	20		R-	184	51	48	00	00		010		JS
SA	0952	50 SCT E 150 OVC	20			180	53	50	30	06		009	RE15/ 01407 15// ~~46~~ 49	JS
SA	1052	40 SCT E 200 OVC	20			178	56	46	31	04		009		JS
SA	1151	60 SCT E 150 OVC	20		R-	179	56	47	27	06		009	RB05	JS
RS	1252	M 25 OVC	20		R-	170	56	47	28	04		007	80800 17//	JS
SA	1350	M 25 BKN 150 OVC	20		R-	165	55	47	31	04		005		JS
SA	1450	M 25 BKN 50 OVC	20		R-	165	54	51	21	07		005		JS
RS	1552	M 33 BKN 45 OVC	10		R-	165	53	50	25	03		005	60501 17// 57 RADAT 93087	WRG
SA	1652	15 SCT 33 SCT E 50 OVC	20			163	53	50	00	00		004	RE 36	WRG
SA	1752	33 SCT. E 60 OVC	20			163	52	49	26	05		004	CLDS TPG MTNS S	WRG
SA	1852	M 45 BKN 60 OVC	20		R-	167	51	49	23	06		005	50000 17// RB36	WRG
SA	1952	M 45 BKN 60 OVC	15		R-	167	50	49	29	04		005		WRG
SA	2052	M 45 OVC	15		R-	167	50	50	00	00		005		WRG
SA	2152	M 45 OVC	15		R-	166	50	50	27	04		005	40005 17// 57	WRG
SA	2252	33 SCT M 45 OVC	15		R-	165	49	49	00	00		005		WRG
SA	2352	M 45 OVC	15		R-	160	50	50	00	00		004		WRG

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WBRO, DESERT ROCK NEVADA

DATE: MAR 6 1987

To convert LST to GMT ADD 5 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	26.670			93	10	10	CUFRA	M55												10	6	.020			00-01
01 52	26.650			93	10															10					01-02
02 52	26.640			93	10															10					02-03
03 50	26.655			93	10	10	CUFRA	M50												10	5	.015			03-04
04 50	26.655			96	10															10					04-05
05 51	26.650			93	10															10					05-06
06 54	26.640			92	10	1	SFRA	12	9	SC	M65	10								10	8	.015			06-07
07 53	26.680			86	10															10					07-08
08 53	26.685			91	10															10					08-09
09 52	26.680			89	10	3	SC	50	7	AC	E150	10								10	0	.040			09-10
10 52	26.680			70	10															10					10-11
11 51	26.680			73	10															10					11-12
12 52	26.655			73	10	10	SFRA	M25												10	8	.025			12-13
13 50	26.640			74	10															10					13-14
14 50	26.640			88	10															10					14-15
15 52	26.640			90	10	6	SFRA	M33	4	ST	45	10								10	6	.015			15-16
16 52	26.630			90	10															10					16-17
17 52	26.630			90	10															10					17-18
18 52	26.640			94	10	7	SFRA	M45	3	ST	60	10								10	5	.000			18-19
19 52	26.640			98	10															10					19-20
20 52	26.640			99	10															10					20-21
21 52	26.640			99	10	10	SFRA	M45												10	4	.000			21-22
22 52	26.640			99	10															10					22-23
23 52	26.630			99	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 61	TIME (L.S.T.) 62	NO. 63	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	.01	0	X	51	50	X	X						X		
	0348	1	.01	0	0	53	50		1								
	0948	2	.07	0	0	53	49		1								
	1548	3	.01	0	0	57	53		1								
	2148	4	.05	0	0	53	50		1								
	MID.	X	T	0	0	50	49	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	26.655	26.680	26.640	26.640
BAROGRAPH 64	26.645	26.670	26.640	26.650
BAR. CORR. 65	+.010	+.010	±0.0	-.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 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
57	49	.14	0	0	11 *	SW	1453					10	10		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
R-	Cont	0042			
R-	0320	0620			
R-	0720	0915			
R-	1105	1638			
R-	1838	Cont			

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: 10327 / 1945 /

* Last of several occurrences 0654/0759/0853 TIMES COR AT OBS TIME

0350/20004/1355 0350/20004/1030 3 17

1320 24HR MIN 47 1030 3 17 0720/24HR MIN 47 1030 3 17

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

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

MF1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: NELLIS, DESERT ROCK NEVADA

DATE: MAR 7 1987

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 (09-36) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. INITIALS (15)
SA	0052	45 SCT E60OVC	20			158	49	49	00	00		003	RE21/ 40702 1211	WRG
SA	0152	45 SCT E60 BKN	20			155	49	48	31	03		002		WRG
SA	0150	-X E40 BKN	4		F	151	48	48	00	00		001	F5	WRG
SP	0330	W0X	0		F				0000			000		JS
SP	0338	-X E65 BKN	4		F				0000			000	F3	JS
SA	0350	E65 OVC	4		F	147	48	48	08	03		000	71002 1511 48	JS
													20015 RADAT 88086	
SA	0450	70 SCT	10			146	47	47	13	04		000		JS
SA	0552	65 SCT 250-BKN	10			154	46	46	10	04		001	F5-W-N * BNK	JS
SP	0630	W1 X	1/4		F				0000			001	USBY N 2	JS
		W1+												
RS	0650	-X E65 OVC	1/8		F	157	46	46	10	03		002	F9/ 307 1511	JS
SP	0708	-X E65 OVC	1/2		F				12	04		002	F7	JS
RS	0750	-X E65 OVC	3		F	157	48	48	0000			002	F4	JS
SA	0852	E40 OVC	10			160	49	48	10	03		003		JS
RS	0853	2 SCT E50 BKN	20			155	52	47	10	07		002	000 1500 45	JS
SA	1052	50 SCT E250 BKN	20			146	55	42	11	12		000		JS
SA	1151	50 SCT 250 SCT	20			136	58	42	10	13		997		JS
SA	1252	40 SCT 250 SCT	20			126	59	42	13	09		995	722 1108	JS
SA	1351	40 SCT 250 SCT	20			120	60	45	25	09		993		JS
SA	1450	E60 BKN	20			121	59	45	21	10		993		JS
SA	1552	E60 BKN	20			118	60	46	20	06		992	708 1200 60 RADAT 86090	WRG
SA	1652	E60 BKN 250 BKN	20			119	57	46	24	07		992	RWU SW	WRG
SA	1752	E60 BKN 250 BKN	20			124	55	48	21	04		993	RWU OVRMTNS SW	WRG
SA	1852	M60 BKN 250 BKN	20			129	54	47	21	05		994	307 1401	WRG
SA	1952	60 SCT E100 BKN	20			129	52	48	02	06		994		WRG
SA	2052	60 SCT E120 OVC	20			128	52	48	36	05		994		WRG
SA	2152	60 SCT 120 SCT 250 -OVC	20			127	51	47	03	06		994	400 1478 60	WRG
SA	2252	60 SCT 120 SCT 250 -OVC	20			128	49	47	07	05		994		WRG
SA	2352	120 SCT 250 -OVC	20			124	47	46	03	04		993		WRG

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

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

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

U.S.GPO.1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION: [illegible], DESERT ROCK [illegible]

DATE: MAR 7 1987

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	26.620			99	10	2	ST FRD	45	8	ST	E60	10								10	8	.020			00-01
01 52	26.610			95	8															8					01-02
02 50	26.600			100	9															9					02-03
03 50	26.590			100	10	10	SC	E65												10	7	.030			03-04
04 50	26.585			100	3															3					04-05
05 52	26.600			100	8															4					05-06
06 50	26.610			100	10	9	F	WI	1	SC	E65	10								10	3	.020			06-07
07 50	26.610			100	10															10					07-08
08 52	26.620			96	10															10					08-09
09 53	26.610			82	8	2	ST	2	6	SC	E80	8								8	0	.000			09-10
10 52	26.590			62	8															6					10-11
11 51	26.570			57	3															2					11-12
12 52	26.545			52	3	2	CU	40	1	CS	250	3								2	7	.065			12-13
13 51	26.530			58	3															2					13-14
14 50	26.530			61	9															9					14-15
15 52	26.520			60	8	8	CU	E60												8	7	.025			15-16
16 52	26.520			68	7															6					16-17
17 52	26.530			77	9															8					17-18
18 52	26.540			78	9	7	SC	M60	2	CI	250	9								7	3	.020			18-19
19 52	26.540			85	9															7					19-20
20 52	26.540			85	10															9					20-21
21 52	26.540			89	10	1	SC	60	3	AC	120	4	6	CS	250	10				4	4	.000			21-22
22 52	26.540			95	10															5					22-23
23 52	26.530			95	10															4					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		.02	0		50	48										
	0348	1	.02	0	0	50	48		1								
	0949	2	0	0	0	52	45		1								
	1549	3	0	0	0	60	52		0								
	2149	4	0	0	0	60	51		0								
	MID.		0	0	0	51	47										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0953	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.590	26.610	26.520	26.540
BAROGRAPH 64	26.580	26.600	26.515	26.525
BAR. CORR. 65	+.010	+.010	+.005	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	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
60	45	.02	0	0	19	E	1107					7	8		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
R-	CMT	0021			
F	0240	0415			
F	0620	0835			

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: 10849 / 2142 /

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

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

MF 1-10A
(5-83)

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

STATION: WEMO, DESERT ROCK NEVADA

DATE: MAR 8 1987

TO CONVERT LST TO GMT ADD 6 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)	OBS. SEQUENCE INITIALS (15)
SA	0052	120 SCT 250 -BKN	20			124	46	46	00	00		993	603 1078	WRG
SA	0152	120 SCT 250 -BKN	20			123	46	45	04	04		993		WRG
SA	0252	250 -BKN	20			123	46	45	09	04		993		WRG
SA	0350	M75 BKN 250 OVC	20			118	47	46	26	03		992	803 1507 45 RADAT 73085	CRD
SA	0450	75 SCT E250 BKN	20			122	45	45	19	03		992		CRD
SA	0550	M70 BKN 250 OVC	20			126	47	46	12	03		993		CRD
SA	0650	E70 BKN 250 OVC	20			133	47	47	08	03		995	310 1507	CRD
SP	0740	M 19 BKN 70 OVC	20						15	03		996		CRD
SA	~~0838~~ 0750	M19 BKN 70 OVC	20			136	50	48	15	03		996		CRD
SP	0828	M13 BKN 70 OVC	20						20	04		996		CRD
SA	0850	M10 BKN 70 OVC	20			136	51	48	27	03		996		CRD
SP	0938	M19 BKN 70 OVC	20						23	04		996		CRD
SA	~~1050~~ 0950	M19 BKN 70 OVC	20			135	53	48	26	06		996	103 15// 45	CRD
SP	1023	19 SCT E70 BKN 250 OVC	20						24	05		996		CRD
SA	1050	20 SCT E70 BKN 250 OVC	20			136	56	48	22	04		996		CRD
SA	1150	E40 BKN	20			130	59	48	23	10		995		CRD
SA	1250	40 SCT	20			122	61	45	23	08		993	TCU N-S/810 1200	CRD
SA	1351	40 SCT	20			114	62	44	23	13		991	CB N-SE	CRD
SA	1451	40 SCT 250 SCT	20			105	63	43	26	10		988	CB N-SE	CRD
SA	1555	45 SCT	20			109	62	44	23	10		990	CB N-NE/510 1300 63	/
/													42095	HS
SA	1652	45 SCT	20			110	62	41	24	11		990	CB NE DSIPTD	HS
SA	1751	CLR	20			111	58	41	27	06		990	Cu NW-NE	HS
SA	1850	CLR	20			122	54	43	33	04		992	307	HS
SA	1952	CLR	20			122	53	43	31	05		993		HS
SA	2052	CLR	20			130	49	44	02	06		994		HS
SA	2150	CLR	20			133	48	43	06	03		995	117D 63	HS
SA	2250	CLR	20			133	46	42	08	05		995		HS
SA	2352	250-SCT	20			135	45	42	14	03		996		HS

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: VUMO, DESERT ROCK NEVADA

DATE: MAR 8 1987

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	26.530			99	8	2	AC	120	6	CS	250	8								4	6	.010			00-01
01 52	26.530			96	7															3					01-02
02 52	26.530			97	7															3					02-03
03 50	26.520			96	10	7	SC	M75	3	CS	250	10								10	8	.010			03-04
04 50	26.520			99	6															5					04-05
05 50	26.530			97	10															10					05-06
06 50	26.550			99	10	7	SC	E70	3	CS	250	10								10	3	.030			06-07
07 50	26.560			93	10															10					07-08
08 50	26.560			89	10															10					08-09
09 50	26.560			83	10	6	SC	M19	4	SC	70	10								10	1	.010			09-10
10 50	26.560			75	10															9					10-11
11 50	26.550			67	6															6					11-12
12 50	26.530			56	5	5	CU	40												5	8	.030			12-13
13 51	26.510			52	5															5					13-14
14 51	26.490			48	3															3					14-15
15 55	26.500			51	2	2	CB	45												2	5	.030			15-16
16 52	26.500			47	1															1					16-17
17 51	26.500			54	0															0					17-18
18 50	26.520			66	0															0	3	.020			18-19
19 52	26.525			68	0															0					19-20
20 52	26.540			83	0															0					20-21
21 50	26.550			84	0															0	1	.030			21-22
22 50	26.550			86	0															0					22-23
23 52	26.560			88	2															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID TO 0345	X	0	0	X	-18	45	X	X						X		
	0345	1	0	0	0	51	45		1								
	0948	2	0	0	0	53	45		1								
	1553	3	0	0	0	63	53		0								
	2148	4	0	0	0	63	47		0								
	MID.	X	0	0	0	48	45	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1553	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.520	26.540	26.500	26.550
BAROGRAPH 64	26.500	26.545	26.500	26.545
BAR. CORR. 65	+.020	+.015	±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 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
63	45	0	0	0	16	SW	1359					7	5		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	BEGAN 86	ENDED 87

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: 1 0900 P. / 1855 /

0250/0250

0950/0950

2150/110/1100 3-19

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

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

MF1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: W&MO, DESERT ROCK NEVADA

DATE: MAR 9 1987

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	250 - SCT	20			138	45	41	30	03		997	307 1001	HS
SA	0150	250 - BKN	20			140	44	41	06	05		999		HS
SA	0251	250 - BKN	20			137	44	41	32	03		997		HS
SA	0358	50 SCT E120 3KN 2500VC	20			146	45	42	06	06		000	LTG DSNT NW/307 1577 43	CRD
/													RADAT 51093	/
SA	0453	50 SCT E 120 OVC	20			150	44	43	03	04		001		CRD
SA	0548	120 SCT E 200 OVC	20			152	44	43	05	05		001		CRD
SA	0651	120 SCT E 200 OVC	20			152	48	44	08	07		001	103 1077	CRD
SA	0750	120 SCT E 200 OVC	20			160	48	44	32	07		003		CRD
SA	0855	70 SCT 120 SCT E200 OVC	20			167	52	43	01	03		005		CRD
SA	0950	70 SCT 120 SCT E200 OVC	20			167	54	44	15	05		005	114 1577 43	CRD
SA	1052	70 SCT E 200 OVC	20			166	57	42	02	04		005		CRD
SA	1152	70 SCT E200 OVC	20			162	59	42	31	03		004	CU BLDG NW-NE	CRD
SA	1251	60 SCT E200 OVC	20			152	62	43	21	11		002	TCU NW-E/810 1207	CRD
SA	1356	60 SCT E200 OVC	20			149	62	44	24	08		001	CB N-E MOVG W RWU NE	CRD
SA	1450	60 SCT E200 OVC	20			142	63	42	21	05		999	CB N-E MOVG W RW+ NE	CRD
SA	1553	60 SCT E200 OVC	20			154	60	38	11	09		002	CB RWU N-E/500 1307	/
/													64 RADAT 66088	HS
SA	1624	E60 BKN 200 OVC	20		T				07	12		002	B23 T N-E MOVG W RWDNW-E	HS
SA	1650	E60 BKN 200 OVC	20		TRW-	161	54	41	10	10		003	T B23 NW-NE MOVG W RB31	HS
SP	1709	E60 BKN 200 OVC	20						08	08		004	~~TRW~~ NW DSIPTD E07	/
/													CB ALQDS RE07	HS
SA	1751	E60 BKN 200 OVC	20		RW-	169	53	40	10	12		005	T NW DSIPTD E07 RE07BSS	HS
SA	1850	60 SCT E200 BKN	20			168	51	42	09	10		005	RE05/11003 1308	HS
SA	1954	200 - OVC	20			171	51	39	03	08		006		HS
SA	2053	200 - OVC	20			179	48	40	13	05		008		HS
SA	2154	200 - SCT	20			179	48	41	03	05		008	11003 1008 64	HS
SA	2252	CLR	20			177	47	38	07	07		008	CS SE	HS
SA	2350	CLR	20			180	46	38	04	05		009		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$_1$W$_2$ 8$N_h C_L C_M C_H$ plus regional and national data groups.

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

U.S.GPO.1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAR 9 1987

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		88	4	4	Ci	250												0	3	.020			00-01
01	50	26.575		89	6															1					01-02
02	51	26.570		91	7															3					02-03
03	58	26.590		89	10	4	Sc	50	2	Ac	E120	6	4	Cs	250	10				10	3	.020			03-04
04	53	26.600		96	10															10					04-05
05	48	26.600		96	10															10					05-06
06	51	26.600		86	10	2	Ac	120	8	Cs	E200	10								10	1	.010			06-07
07	50	26.620		86	10															10					07-08
08	55	26.640		71	10															10					08-09
09	50	26.640		69	10	1	Sc	70	4	Ac	120	5	5	Cs	E200	10				10	1	.040			09-10
10	52	26.640		57	10															10					10-11
11	52	26.630		53	10															10					11-12
12	51	26.610		50	10	2	Cu	60	8	Cs	E200	10								10	8	.030			12-13
13	56	26.600		52	10															10					13-14
14	50	26.580		46	10															8					14-15
15	53	26.610		44	10	4	CB	60	6	CS	E200	10								10	5	.000			15-16
16	50	26.620		61	10															10					16-17
17	51	26.640		60	10															9					17-18
18	50	26.640		69	9	4	CB	60	5	CS	E200	9								8	1	.030			18-19
19	54	26.650		55	10															5					19-20
20	53	26.670		72	10															4					20-21
21	54	26.670		77	3	3	Cs	200												1	1	.030			21-22
22	52	26.670		73	0															0					22-23
23	50	26.680		75	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	47	43	X	X						X		
	0352	1	0	0	0	48	43		1								
	0946	2	0	0	0	54	43		1								
	1551	3	0	0	0	64	54		1								
	2152	4	.03	0	0	60	48		2								
	MID.	X	0	0	0	48	45	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0359	0949	1552	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.590	26.640	26.610	26.670
BAROGRAPH 64	26.85	26.640	26.590	26.665
BAR. CORR. 65	+.005	0*	+.020	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (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	43	.03	0	0	22	E	1801					10	8		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	1623	1707			
RW-	1631	1707			
RW-	1735	1805			

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1080P/1800P

*BAROGRAPH CHART CHANGED RESET TO "0" ON.

1624/1624 1229/1229

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

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

MF 1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: **W6MO, DESERT ROCK NEVADA**

DATE: **MAR 10 1987**

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100's °) (9)	WIND SPEED (Knots) (10)	WIND PEAK (Knots) (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0050	CLR	20			180	44	38	01	03		009	103	HS
SA	0151	CLR	20			181	42	37	33	04		009		HS
SA	0250	CLR	20			177	40	37	05	06		008	CI W	HS
SA	0358	250-SCT	20			174	44	37	05	10		007	807 1001 40 20003	CRD
/													RADAT 56084	/
SA	0454	250-SCT	20			182	41	37	11	04		008		CRD
SA	0550	250-SCT	20			183	40	36	24	03		008		CRD
SA	0657	250-BKN	20			191	42	37	17	04		011	310 1001	CRD
SA	0750	250-OVC	20			191	41	37	09	10		012		CRD
SA	0851	250-OVC	20			190	54	36	09	04		012		CRD
SA	0952	250-OVC	20			180	57	37	04	05		009	803 1007 37	CRD
SA	1053	250-OVC	20			178	62	36	27	06		009		CRD
SA	1152	E250 OVC	20			174	63	35	24	07		008	Sc SE	CRD
SA	1253	E230 OVC	20			168	63	33	24	09		006	810 1507	CRD
SA	1350	E180 BKN 230 OVC	20			166	62	35	24	10		005	Sc SE	CRD
SA	1453	E160 OVC	20			164	62	32	23	09		004	Few Sc	CRD
SA	1556	E160 OVC	20			161	61	29	21	08		004	607 102/ 63 RADAT 20074	CG
SA	1654	E160 OVC	20			160	60	30	18	07		003		CG
SA	1755	E160 BKN	20			162	57	31	18	09		003		CG
SA	1853	160 SCT	20			164	51	33	21	03		003	603 1070	CG
SA	1952	160 SCT	20			166	54	32	21	04		005		CG
SA	2056	160 SCT	20			164	52	30	17	07		005		CG
SA	2156	160 SCT	20			163	53	31	14	08		005	107 1070 63	CG
SA	2256	160 SCT	20			159	54	30	30	04		005		CG
SA	2358	160 SCT	20			160	51	32	29	04		005		CG

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAR 10 1987

TIME ADJUSTMENT: 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			80	0															0	1	.010			00-01
01 51	26.680			83	0															0					01-02
02 50	26.670			88	0															0					02-03
03 58	26.660			76	2	2	Ci	250												1	9	.020			03-04
04 54	26.670			86	2															1					04-05
05 50	26.670			85	2															1					05-06
06 57	26.670			83	7	7	Ci	250												2	3	.030			06-07
07 50	26.700			63	10															2					07-08
08 51	26.700			50	10															2					08-09
09 52	26.680			47	10	10	Cs	250												3	8	.010			09-10
10 53	26.650			38	10															4					10-11
11 52	26.670			35	10															6					11-12
12 53	26.650			32	10	0	Sc	80	10	Cs	E230	10								6	8	.030			12-13
13 50	26.640			36	10															10					13-14
14 53	26.630			32	10															10					14-15
15 58	26.630			30	10	10	As	E160												10	6	.020			15-16
16 54	26.620			32	10															10					16-17
17 55	26.620			37	7															7					17-18
18 53	26.620			50	5	5	Ac	160												5	6	.010			18-19
19 57	26.640			43	2															2					19-20
20 56	26.640			43	2															2					20-21
21 56	26.640			43	2	2	Ac	160												2	1	.020			21-22
22 58	26.640			40	2															2					22-23
23 58	26.640			48	2															2					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 0330	X	0	0	X	46	40	X	X						X		
	0850	1	0	0	0	48	40		1								
	0949	2	0	0	0	57	37		1								
	1552	3	0	0	0	63	57		0								
	2153	4	0	0	0	61	51		0								
	MID.	X	0	0	0	55	51	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0358	0951	1556	2156
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.660	26.640	26.630	26.640
BAROGRAPH 64	26.653	26.6[illegible]	26.620	26.640
BAR. CORR. 65	[illegible]	[illegible]	+.010	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. RATER 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
63	37	0	0	0	15	SW	1425					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 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: 1 0900 / 1 8 / 7 8 /

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

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

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 11 1987

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)	STATION PRESS. (Mbs.) (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)	REMARKS INITIALS (15)
SA	0051	160 SCT	20			160	51	30	22	08		005	400 1070	CG
SA	0154	160 SCT	20			162	47	31	10	05		005		CG
SA	0251	160 SCT 250 SCT	20			164	44	32	08	06		005		CG
SA	0350	160 SCT 250 SCT	20			167	41	32	09	04		005	400 1078 41 RADAT 20098	CRD
SA	0450	250 SCT	20			174	40	33	07	05		007		CRD
SA	0554	250 - BKN	20			181	40	32	05	06		008		CRD
SA	0650	250 - OVC	20			190	41	33	05	05		011	215 1007	CRD
SA	0751	250 - OVC	20			194	50	35	26	03		013		CRD
SA	0850	250 - OVC	20			195	55	27	26	05		014		CRD
SA	0952	250 - OVC	20			201	57	25	21	03		016	219 1007 38	CRD
SA	1050	250 - OVC	20			204	58	25	26	03		017		CRD
SA	1150	250 - BKN	20			200	61	25	25	07		016		CRD
SA	1252	250 - BKN	20			194	63	27	02	04		015	805 1001	CRD
SA	1350	250 - BKN	20			188	64	26	23	08		013		CRD
SA	1451	250 - BKN	20			186	64	27	24	06		012		CRD
SA	1553	250 - BKN	20			187	65	27	21	07		012	608 1001 66	JP
													RADAT 37109	
SA	1656	250 - BKN	20			189	63	28	23	07		012		JP
SA	1752	250 - BKN	20			195	59	31	26	03		013		JP
SA	1853	200 - SCT	20			211	57	37	04	05		016	314 1001	JP
SA	1956	200 - SCT	20			210	50	35	04	05		011		JP
SA	2057	200 - SCT	20			220	50	34	00	00		018		JP
SA	2153	200 - SCT	20			220	46	35	05	03		020	314 1001 66	JP
SA	2254	CLR	20			214	48	33	00	00		019		JP
SA	2355	CLR	20			219	41	34	00	00		020		JP

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

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

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

U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION: WEMO, DESERT ROCK NV

DATE: MAR 11 1987

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 51	26.640			44	4	4	Ac	160												4	4	.000			00-01
01 51	26.640			54	3															2					01-02
02 51	26.640			62	5															3					02-03
03 50	26.640			70	5	2	Ac	160	3	Cs	250	5								4	4	.000			03-04
04 50	26.655			76	4															3					04-05
05 54	26.670			73	7															3					05-06
06 50	26.695			73	10	10	Cs	250												5	2	.045			06-07
07 51	26.710			56	10															4					07-08
08 50	26.720			34	10															3					08-09
09 52	26.740			29	10	10	Cs	250												5	2	.055			09-10
10 56	26.750			28	10															5					10-11
11 50	26.740			25	8															4					11-12
12 52	26.725			25	8	8	Ci	250												4	8	.015			12-13
13 50	26.710			24	7															3					13-14
14 51	26.700			25	7															3					14-15
15 53	26.700			24	6	6	Ci	250												2	6	.025			15-16
16 56	26.700			26	7															2					16-17
17 52	26.710			35	6															1					17-18
18 53	26.740			59	3	3	Ci	200												1	3	.040			18-19
19 56	26.750			56	2															1					19-20
20 57	26.760			54	2															1					20-21
21 53	26.780			65	1	1	Ci	200												0	3	.040			21-22
22 54	26.770			56	0															0					22-23
23 55	26.780			68	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 0347	X	0	0	X	52	41	X	X						X		
	0347	1	0	0	0	55	41		1								
	0949	2	0	0	0	58	38		0								
	1552	3	0	0	0	66	57		0								
	2157	4	0	0	0	61	46		0								
	MID.	X	0	0	0	48	44	X	X						X		

STATION PRESSURE COMPUTATIONS

Time (L.S.T.) 59	0347	0951	1553	2153
Att. Therm. 60				
Observd. Bar. 61				
Total Corr. 62				
Sta. Press. 63	26.640	26.690	26.700	26.780
Barograph 64	26.676	26.675	26.675	26.775
Bar. Corr. 65	[illegible]	[illegible]	[illegible]	[illegible]

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
66	38	0	0	0	11	SW	1514					8	6		

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0801 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: 1 0900P. / 1705P /

// LAST OF SEVERAL OCCURRENCES –

WEATHER & OBSTRUCTIONS TO VISION

Type 82	Began 83	Ended 84	Type 86	Began 87	Ended 88

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

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

MF 1-10A
(5-83)

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

STATION: WIMO, DESERT ROCK, NEVADA

DATE: MAR 12 1987

TO CONVERT LST TO GMT ADD 3 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	0052	CLR	20			219	42	34	32	04		020	500	JP
SA	0153	CLR	20			215	42	34	04	04		019		JP
SA	0251	200 - SCT	20			211	41	34	04	06		018		JP
SA	0356	200 - SCT	20			210	42	34	06	04		018	607 1001 41	SH
	—		—			—						—	RADAT 38107	—
SA	0450	250 - SCT	20			215	39	34	01	04		019		SH
SA	0552	250 - SCT	20			218	40	33	00	00		019		SH
SA	0659	250 - SCT	20			224	45	34	32	05		020	207 1001	SH
SA	0754	250 SCT	20			220	53	34	30	03		020		SH
SA	0850	250 SCT	20			223	59	32	11	04		020		SH
SA	0954	250 - SCT	20			210	63	32	33	04		019	805 1001 38	SH
SA	1052	250 - SCT	20			201	65	32	24	04		017		SH
SA	1153	250 - BKN	20			191	68	32	15	08		014		SH
SA	1254	250 - ~~BKN~~ OVC	20			180	69	33	21	08		011	725 1007	SH
SA	1352	250 - OVC	20			165	70	32	26	07		006		SH
SA	1450	250 - OVC	20			157	71	31	20	06		004		JC
SA	1553	250 - OVC	20			144	71	32	21	12		002	627 1007 72	JP
	/												RADAT 20107	/
SA	1657	250 - OVC	20			148	68	30	22	11		001		JP
SA	1756	200 - OVC	20			154	64	30	21	05		002		JP
SA	1853	200 - OVC	20			153	61	28	13	06		002	500 1007	JP
SA	1952	200 - OVC	20			145	62	25	15	10		001		JP
SA	2056	200 - OVC	20			139	59	26	12	09		000		JP
SA	2153	200 - BKN	20			138 ~~142~~	59	25	15	05		000	607 1008 72	JP
SA	2253	200 - SCT	20			131	60	23	20	14		999		JP
SA	2350	200 - SCT	20			126	60	29	22	13		997		JP

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

FM12-VII: Iliii $i_R i_x h VV$ Nddff $1s_n TTT$ $2s_n T_d T_d T_d$ $3P_o P_o P_o P_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_h C_L C_M C_H$ plus regional and national data groups.

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WMO, DESERT ROCK NEVADA

DATE: MAR 1 9 1987

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	26.780			73	0															0	5	.000			00-01
01 53	26.770			73	0															0					01-02
02 51	26.760			70	1															0					02-03
03 56	26.760			73	1	1	CI	200												0	6	.020			03-04
04 50	26.765			80	2															0					04-05
05 52	26.770			74	3															0					05-06
06 54	26.780			65	2	2	CI	250												0	2	.020			06-07
07 54	26.780			49	1															1					07-08
08 50	26.775			36	1															1					08-09
09 54	26.765			31	2	2	CI	250												1	8	.015			09-10
10 52	26.745			29	4															0					10-11
11 53	26.720			26	8															0					11-12
12 54	26.690			26	10	10	CS	250												1	7	.075			12-13
13 52	26.650			24	10															1					13-14
14 50	26.630			23	10															1					14-15
15 53	26.610			24	10	10	CS	250												1	6	.080			15-16
16 57	26.600			24	10															1					16-17
17 56	26.610			38	10															1					17-18
18 53	26.610			38	10	10	CS	200												2	5	.000			18-19
19 50	26.600			24	10															2					19-20
[illegible]	[illegible]			[illegible]																					20-21
21 53	26.570			27	1	7	CS	100												1	0	.100			21-22
22 53	26.580			24	2															1					22-23
23 50	26.590			31	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 0352		0	0		44	41										
	0352	1	0	0	0	48	41		0								
	0950	2	0	0	0	63	38		0								
	1552	3	0	0	0	72	63		0								
	2151	4	0	0	0	71	58		0								
	MID.		0	0	0	61	59										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0956	1553	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.760	26.765	26.610	26.590
BAROGRAPH 64	26.71	26.75	26.600	26.565
BAR. CORR. 65	+.020	+.015	+.010	+.025

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73 1/	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
72	38	0	0	0	19	SW	2348					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 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: 10400 2/1713 P/

1254/1254

2153/2153

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: [illegible], DESERT ROC[illegible]

DATE: MAR 1[illegible] 1987

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0053	CLR	20			117	60	28	20	18		995	FEW AC CS / 814 1078	JP
SA	0154	CLR	20			109	59	25	20	13	G20	993	FEW AC	JP
SA	0250	CLR	20			106	58	22	19	17	G27	992		JP
SA	0354	250 SCT	20			102	58	23	19	18	G23	991	714 1008 57	SH
	—		—			—						—	RADAT 40096	—
SA	0455	CLR	20			104	57	27	20	20	G28	991		SH
SA	0555	CLR	20			098	57	24	21	20	G31	988	FEW AC CS	SH
SA	0655	CLR	20			106	57	27	22	15	G26	991	*PK WND 2130/16 *502 1008	SH
SA	0749	CLR	20			111	58	28	20	16		992	CSSL 2[illegible]	SH
SA	0850	CLR	20			117	59	29	21	17		994	FEW CS	SH
SA	0955	CLR	20			126	61	30	24	14	G22	996	319 1003 56	SH
SA	1052	CLR	20			131	62	30	23	10	G19	997	FEW CS CI	SH
SA	[illegible]54	60 [illegible] SCT	[illegible]			[illegible]	62	30	[illegible]	[illegible]		[illegible]		[illegible]
[illegible]	[illegible]	[illegible] SCT	20			123	64	31	23	13		997	003 1100	SH
SA	1351	60 SCT	20			120	65	30	22	11		995		SH
SA	1457	60 SCT 250 SCT	20			121	65	29	24	10		995		SH
SA	1553	60 SCT 250 SCT	20			116	66	30	29	08		994	610 1108 67	JP
/	/												RADAT 66070	/
SA	1654	60 SCT 250 SCT	20			117	64	29	27	08		994		JP
SA	1753	60 SCT 250 SCT	20			119	61	30	23	06		994		JP
SA	1852	250 SCT	20			123	54	33	02	03		994	400 1008	JP
SA	1952	250 SCT	20			125	57	18	02	04		995	FEW SC	JP
SA	2056	250 SCT	20			129	54	18	05	11		996		JP
SA	2154	CLR	20			129	54	13	07	10		996	107 67	JP
SA	2255	CLR	20			126	51	14	05	09		995	FEW CS	JP
SA	2353	200-BKN	20			127	49	17	06	08		995		JP

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

FM12 VII: Iliii iRIxhVV Nddff 1snTTT 2snTdTdTd 3PoPoPoPo 4PPPP 5appp 6RRRtp 7wwW1W2 8NhCLCMCH plus regional and national data groups

SUPERSEDES OF 1 MAY 1984 WHICH MAY BE USED.

U.S. GPO: 1984-0-764-000/6065

MF1-10B
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: VEMO, DESERT ROCK NEVADA

DATE: MAR 1 8 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.550			39	0	0	Ac	100	0	CS	300	0								0	8	.040			00-01
01 54	26.530			37	0															0					01-02
02 50	26.520			25	0															0					02-03
03 54	26.510			26	1	1	CS	250												1	7	.040			03-04
04 55	26.510			31	0															0					04-05
05 55	26.490			32	0															0					05-06
06 55	26.505			32	0	0	CS	250												0	5	.005			06-07
07 49	26.525			31	0															0					07-08
08 50	26.535			31	0															0					08-09
09 55	26.560			30	0	0	CS	50												0	8	[illegible]			09-10
10 [illegible]	[illegible]			31	0															0					10-11
11 54	26.580			32	1															1					11-12
12 55	26.570			29	1	1	Cu	60												1	0	.010			12-13
13 51	26.550			27	3															3					13-14
14 51	26.550			25	5															4					14-15
15 53	26.540			26	5	4	Cu	60	1	CS	250	5								4	6	.030			15-16
16 54	26.540			27	5															4					16-17
17 53	26.540			31	2															2					17-18
18 52	26.540			45	1	1	CS	250												1	4	.000			18-19
19 52	26.550			32	1															1					19-20
20 56	26.560			24	1															1					20-21
21 54	26.560			19	0															0	1	.010			21-22
22 55	26.550			23	0															0					22-23
23 53	26.550			28	8															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	61	57	X	X						X		
	0352	1	0	0	0	61	57		0								
	0951	2	0	0	0	61	56		0								
	1552	3	0	0	0	67	61		0								
	2153	4	0	0	0	67	52		0								
	MID.	X	0	0	0	55	49	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0953	1553	2154
ATT. THERM. 60				
OBSVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.510	26.560	26.540	26.560
BAROGRAPH 64	26.490	26.590	26.550	26.560
BAR. CORR. 65	+.020	-.030	-.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
67	49	0	0	0	36	SW	0616					2	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: 1065gP/1634gP/

1154/1154 0655/0655

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

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

MF 1-10A
(5-83)

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

STATION WMO, DESERT [illegible]

DATE MAR 14 1987

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	0052	E200 OVC	20			123	48	18	00	00		994	707 1007	JP
SA	0156	80 SCT E200 OVC	20			117	50	14	05	08		993		JP
SA	0251	80 SCT 200 - OVC	20			116	47	16	05	06		992		JP
SA	0357	E250 OVC	20			110	46	20	07	05		991	712 1007 45	SH
	—		—			—						—	RADAT 57086	—
SA	0453	E250 BKN	20			105	46	20	05	04		988		SH
SA	0556	250 - OVC	20			108	43	21	35	04		988	FEW AC	SH
SA	0658	250 - BKN	20			111	46	22	19	02		988	605 1078	SH
SA	0753	250 - BKN	20			101	49	22	00	00		983		SH
SA	0850	E220 BKN	20			099	54	23	17	03		986		SH
SA	0955	E220 OVC	20			092	59	26	20	04		984	FEW AC / 814 1077 41	SH
SA	[illegible]	[illegible]	20			082	[illegible]	[illegible]	21	[illegible]		982		SH
SA	1151	130 SCT 220 SCT	20			071	61	24	23	09		979		SH
SA	1254	220 - BKN	20			052	64	26	21	10		974	832 1073	SH
SA	1351	E220 OVC	20			034	64	27	21	11	G22	969		SH
SA	1450	130 SCT E220 OVC	20			030	61	26	22	10	G20	966		SH
SA	1554	110 SCT E200 OVC	20			022	60	29	19	17		964	629 1078 65	JP
/	/												RADAT 57085	/
SA	1657	110 SCT E200 OVC	20			013	59	30	17	09		961		JP
SA	1753	110 SCT E200 OVC	20			002	59	30	18	14		959		JP
SA	1856	110 SCT E200 OVC	20			994	58	31	20	18	G27	955	727 1078	JP
SA	1954	110 SCT E200 OVC	20			982	56	33	20	25	G36	952	PK WND 2036/54	JP
SA	2055	50 SCT E100 BKN 200 OVC	20			972	54	31	20	21	G29	950		JP
SA	2153	50 SCT E100 BKN 200 OVC	20			971	53	29	20	27	G40	950	PK WND 2040/46 /	JP
/	/												617 1578 65	/
SA	2256	50 SCT E100 OVC	20			956	51	33	20	30	G41	945	PK WND 2043/0558	JP
SA	2357	50 SCT E100 OVC	20			952	49	34	20	28	G42	944	PK WND 2043/22	JP

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

FM12-VII: [illegible] plus regional and national data groups.

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WCMO, DESERT ROCK NEVADA

DATE: MAR 1 1987

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

Time (LST) 16	Station Pressure (Ins.) 17	Dry Bulb (°F) 18	Wet Bulb (°F) 19	Rel. Humidity (%) 20	Total Sky Cover (Tenths) 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	Sum. Amt. 28	Third Layer Amt. 29	Third Layer Type 30	Third Layer Height 31	Sum. Amt. 32	Fourth Layer Amt. 33	Fourth Layer Type 34	Fourth Layer Height 35	Total Obscuring Phenomena 36	Pressure Tend. (Tenths) 37	Net 3 Hr. Change (Ins.) 38	Sunshine (Min.) 39	Precipitation (Ins.) 40	Hrs.
00 57	26.540			30	10	10	CS	E900												7	7	.030			00-01
01 56	26.530			23	10															8					01-02
02 57	26.500			29	10															3					02-03
03 57	26.505			35	10	10	CS	E250												6	7	.035			03-04
04 53	26.490			35	9															5					04-05
05 56	26.490			42	10															5					05-06
06 58	26.490			38	6	0	AC	160	6	CS	250	6								2	6	.015			06-07
07 53	26.490			34	6															3					07-08
08 50	26.470			29	8															6					08-09
09 55	26.450			29	10	0	AC	160	10	CS	E240	10								8	8	.040			09-10
10 57	26.430			33	6															4					10-11
11 51	26.400			29	2															2					11-12
12 54	26.355			24	6	0	AC	130	6	CS	220	6								2	8	.095			12-13
13 57	26.310			24	10															6					13-14
14 50	26.290			26	10															10					14-15
15 54	26.270			31	10	3	AC	110	7	CS	E900	10								10	6	.015			15-16
16 57	26.270			33	10															10					16-17
17 53	26.270			33	10															10					17-18
18 56	26.190			36	10	3	AC	110	7	CS	E900	10								10	7	.050			18-19
19 54	26.160			42	10															10					19-20
20 55	26.140			41	10															10					20-21
21 53	26.140			40	10	4	SC	50	5	AC	E900	9	1	CS	900	10				10	6	.050			21-22
22 56	26.100			50	10															10					22-23
23 57	26.090			56	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	45	X	X						X		
	0353	1	0	0	0	55	45		0								
	0951	2	0	0	0	59	41		0								
	1553	3	0	0	0	65	58		0								
	2152	4	0	0	0	60	53		0								
	MID.	X	0	0	0	53	49	X	X						X		

STATION PRESSURE COMPUTATIONS

Time (L.S.T.) 59	0353	0952	1554	2153
Att. Therm. 60				
Observd. Bar. 61				
Total Corr. 62				
Sta. Press. 63	26.505	26.445	26.210	26.140
Barograph 64	26.505	26.445	26.210	26.150
Bar. Corr. 65	±0	±0	-0.10	-0.10

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'd (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	41	0	0	0	43	5	2322					8	9		

WEATHER & OBSTRUCTIONS TO VISION

Type 82	Began 83	Ended 84	Type 85	Began 86	Ended 87

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 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/1633P/

1 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

DATE MAR 15 1987

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	0053	M60 BKN 110 OVC	20			963	48	34	22	17	G27	948	507 1571	JP
SA	0153	60 SCT E100 OVC	20			958	48	34	19	17	G26	947		JP
SA	0250	35 SCT M60 BKN 100 OVC	20			949	47	32	21	16	G26	943		JP
SA	0355	E60 BKN 100 BKN	20			951	46	29	20	14	G19	943	614 1570 46 RADAT 6206	MR
SA	0451	60 SCT 100 SCT	20			957	42	28	27	15	G26	944	WND SHFT GRDL	MR
SA	0555	M43 BKN 100 BKN	20			979	40	24	23	15	G20	950	WND 21 V 26	MR
SA	0654	43 SCT 120 SCT	20			979	40	25	21	14	G19	950	WIND 19 V 23 / 122 1570	MR
SA	0751	15 SCT E45 BKN 80 BKN	20			985	41	24	22	16	G22	952	RWU SW-NW	MR
SP	0822	M29 BKN 45 OVC	6		SW-				26	08		953	VSBY SW-NW3 SB20	MR
SA	0851	15 SCT E28 OVC	5		SW-	994	36	31	23	13		953	SB20 VSBY NE3	MR
SP	0946	7 SCT E20 OVC	10						24	15		953	SE44	MR
RS	0955	5 SCT E17 BKN 35 OVC	10			997	35	33	25	14		953	SWU SW-W SE44 / 11000	MR
													16// 35	
SP	1012	8 SCT 17 SCT M38 OVC	10						24	12		954	SWU SW-NW	MR
SP	1026	7-BKN E17 OVC	1		SW				25	12		954	SB 24	MR
RS	1050	M7 BKN 17 OVC	4		SW-	003	36	35	25	11		955	SB 24	MR
SP	1135	7-BKN M11 OVC	7		RW-SW-				24	14	G19	955	RB 32	MR
SA	1151	7-BKN M11 BKN 35 OVC	7		RW-SW-	004	37	36	25	13		955	RB 32	MR
SP	1213	8 SCT E20 BKN 35 OVC	7		RW-				24	11		955	SE10 SWU NW-NE	MR
SP	1233	8 SCT E20 BKN 35 OVC	7		RW-SW-				23	12		955	SB31	MR
SP	1248	8 SCT 20 SCT E35 OVC	10						24	09		955	RSE46 [illegible]	MR
SA	1255	8 SCT 20 SCT E35 OVC	10			004	38	35	24	09		955	SB31 E46 RE46 NHRS BINOVC	MR
													10500 1511	
SP	1303	7 SCT E15 BKN 35 OVC	7		RW-SW-				21	10		956	BINOVC OVHD RB50 SB00	MR
SP	1329	7 SCT 15 SCT E35 BKN	10		RW-				23	13		954	VSBY LWR SW-NW SE27	MR
RS	1352	2 SCT E14 BKN 35 BKN	20			002	41	35	24	12		955	~~SE27 RE37 RB50 E37 SB00 E27~~	MR
SA	1455	M14 BKN 30 OVC	15		RW-	010	40	34	25	12		957	BINOVC SW RB38	MR
SP	1520	12 SCT E22 BKN 90 BKN	20						25	09		958	RE02	MR
SA	1559	12 SCT E22 BKN	20			011	40	35	22	10		958	30700 1200 46 RADAT 89046	GG
SA	1653	12 SCT E22 OVC	20			017	39	35	23	09		959	RWU NW-NE	GG
SA	1754	12 SCT E22 BKN 70 OVC	20			024	38	36	25	06		960	RB04E23	GG
SP	1815	M13 OVC	20						24	04		960		GG
SA	1853	M13 BKN 120 OVC	20			028	38	36	23	04		961	21000 177/	GG
SP	1911	~~M30~~ 13 SCT 25 SCT E120 BKN	20						23	05		961		GG
SA	1952	13 SCT 25 SCT E120 OVC	20			036	37	36	25	05		963		GG
SP	2027	M13 BKN 25 OVC	20						20	04		965		GG
SA	2056	M11 BKN 25 OVC	20			046	38	36	18	03		965		GG
SA	2155	M11 BKN 25 OVC	20			050	37	36	24	04		966	11700 17// 53	GG
SA	2254	M11 BKN 25 BKN	20			054	36	35	29	05		967		GG
SA	2358	11 SCT M25 BKN 75 OVC	20			054	36	36	20	03		967		GG

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following released 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$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$ plus regional and national data groups.

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

U.S. GPO: 1983-[illegible]

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION: WARD, DESERT ROCK, NEVADA

SURFACE WEATHER OBSERVATIONS

DATE: MAR 15 1987

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	26.130			58	10	7	Sc	M60	3	Ac	110	10								10	5	.020			00-01
01 53	26.110			58	10															10					01-02
02 50	26.080			56	10															10					02-03
03 55	26.080			51	9	6	Sc	E60	3	Ac	100	9								9	6	.040			03-04
04 51	26.090			56	1															1					04-05
05 55	26.145			53	7															7					05-06
06 54	26.145			54	4	3	Sc	43	1	Ac	120	4								4	1	.045			06-07
07 51	26.155			51	9															9					07-08
08 51	26.170			80	10															10					08-09
09 55	26.175			92	10	4	STFRA	5	7	ST	E17	7	3	Sc	35	10				10	1	.030			09-10
10 50	26.190			96	10															10					10-11
11 51	26.190			96	10															10					11-12
12 55	26.190			89	10	1	CUFRA	8	3	STFRA	20	4	6	Sc	E35	10				9	1	.015			12-13
13 52	26.190			80	8															8					13-14
14 55	26.205			80	10															10					14-15
15 59	26.210			82	8	4	CUFRA	12	4	Cu	E22	8								8	3	.020			15-16
16 53	26.220			86	10															10					16-17
17 54	26.230			92	10															10					17-18
18 53	26.240			92	10	6	CUFRA	M13	4	Ac	120	10								10	2	.030			18-19
19 52	26.260			96	10															10					19-20
20 56	26.280			92	10															10					20-21
21 55	26.290			96	10	8	CUFRA	M11	2	Cu	25	10								10	1	.050			21-22
22 54	26.300			96	9															9					22-23
23 58	26.300			100	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (L.S.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 WEATHER 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350		0	0		50	46										
	0350	1	0	0	0	53	46		0								
	0950	2	T	T*	0	46	35		0								
	1551	3	T	T*	0	41	35		0								
	2151	4	T	0	0	40	37		0								
	MID.		0	0	0	37	36										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59				
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.080	26.175	26.210	26.290
BAROGRAPH 64	26.080	26.170	26.200	26.280
BAR. CORR. 65	0	+.005	+.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 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
50	35	T	T*	0	34	5	0232					9	9	.	

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	BEGAN 87	ENDED 88
SW-	0820	0944			
SW-	1024	1210			
RW-	1132	1246			
SW-	1231	1246			
RW-	1258	1337			
SW-	1300	1327			
RW-	1438	1502			
RW-	1704	1723			

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 10455P / 1903P /

T* MELTED AS IT FELL

1352/1354

1911/1911

2358/2358

1559/1652 2E02 / 3/16/87

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

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

MF 1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WIMO, DESERT ROCK NEVADA

DATE: MAR 16 1987

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. INDICATORS (15)
SA	0056	11 SCT M25 BKN 75 BKN	20			054	35	35	04	02		967	103 1170	CG
SP	0120	25 SCT E75 BKN	20						02	04		967		CG
SA	0157	75 SCT	20			053	34	34	04	03		967		CG
SA	0253	75 SCT	20			035	32	32	03	03		967		CG
SA	0354	CLR	20			057	34	33	03	02		969	303 1070 32 RADAT 73059	MR
SA	0455	CLR	20			065	34	33	24	03		971	AC ALQDS	MR
SA	0552	75 SCT	20			078	32	32	33	03		974	SC SE	MR
SA	0651	75 SCT	20			080	35	34	00	00		975	120 1050	MR
SA	0755	75 SCT	20			085	39	37	24	04		977	SC SE	MR
SA	0852	75 SCT	20			079	45	33	22	03		976	SC OMTNS SE	MR
SA	0954	CLR	20			080	51	33	28	10		977	107 1170 32	MR
SA	1052	45 SCT 80 SCT	20			079	51	34	23	12		977		MR
SA	1152	E45 BKN 90 BKN	20			079	54	34	24	12		977		MR
SA	1253	E45 BKN 90 BKN	20			078	55	27	35	11		977	400 1270	MR
SA	1350	45 SCT 90 SCT	20			077	57	28	35	09	G15	977		MR
SA	1453	50 SCT 90 SCT	20			078	59	28	35	11	G16	977		MR
SA	1558	50 SCT	20			088	57	26	01	13		981	310 1200 60 RADAT 58079	CG
SA	1653	50 SCT	20			092	58	27	33	13		982		CG
SA	1754	50 SCT	20			103	54	28	35	08		984		CG
SA	1857	CLR	20			114	52	30	31	08		987	320 1100	CG
SA	1956	CLR	20			128	50	30	30	03		992		CG
SA	2058	CLR	20			141	48	28	03	08		996		CG
SA	2150	CLR	20			138	47	25	05	12		996	127 60	CG
SA	2257	CLR	20			138	46	20	03	18		996		CG
SA	2357	CLR	20			137	45	20	05	13		996		CG

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: MAR 16 1987

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 58	26.300			100	8	2	CUFRA	11	4	Cu	1025	6	2	Ac	75	8				8	1	.010			00-01
01 51	26.300			100	3															3					01-02
02 53	26.300			100	1															1					02-03
03 54	26.310			96	0	0	Ac	75												0	3	.010			03-04
04 55	26.330			97	0															0					04-05
05 52	26.360			98	1															1					05-06
06 51	26.370			95	4	4	Ac	75												4	1	.060			06-07
07 55	26.385			91	2															2					07-08
08 52	26.380			62	2															2					08-09
09 54	26.390			50	0	0	Cu	40	0	Ac	75	0								0	1	.020			09-10
10 52	26.390			52	4															4					10-11
11 52	26.390			46	6															6					11-12
12 53	26.390			34	7	7	Cu	E45	0	Ac	90	7								7	4	.000			12-13
13 50	26.390			32	3															3					13-14
14 53	26.390			30	3															3					14-15
15 58	26.420			30	3	3	Cu	50												3	3	.030			15-16
16 53	26.430			30	3															3					16-17
17 54	26.450			37	1															1					17-18
18 57	26.480			43	0	0	Cu	50												0	3	.060			18-19
19 58	26.520			46	0															0					19-20
20 58	26.560			46	0															0					20-21
21 50	26.560			42	0															0	1	.080			21-22
22 57	26.580			35	0															0					22-23
23 57	26.580			37	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	36	32	X	X						X		
	0350	1	0	0	0	37	32		1								
	0850	2	0	0	0	51	32		0								
	1554	3	0	0	0	60	51		0								
	2150	4	0	0	0	58	47		0								
	MID.	X	0	0	0	47	45	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0953	1558	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.310	26.390	26.420	26.580
BAROGRAPH 64	26.315	26.395	26.420	26.580
BAR. CORR. 65	-.005	-.005	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 UNREL. 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
60	32	0	0	0	25	NE	2235					3	2		

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: 1034 / 1805 /

WEATHER & OBSTRUCTIONS TO VISION

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

MF1-10A
(5-83)

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

STATION WEMO, DESERT ROCK NEVADA

DATE MAR 17 1987

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. (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	0052	CLR	20			144	45	20	36	03		999	307	CG
SA	0155	CLR	20			136	45	18	01	09		996		CG
SA	0251	CLR	20			141	41	20	04	04		997		CG
SA	0354	CLR	20			144	41	20	05	08		998	502 40 RADAT 48064	MR
SA	0452	CLR	20			149	42	20	05	09		000		MR
SA	0549	CLR	20			155	40	21	04	05		001		MR
SA	0653	CLR	20			165	44	23	08	06		003	317	MR
SA	0755	CLR	20			165	49	22	03	11		004		MR
SA	0855	CLR	20			162	51	23	07	14		003	C1 NW	MR
SA	0956	250 - SCT	20			160	54	20	02	09	G17	003	802 1001 38	MR
SA	1056	250 - OVC	20			152	57	18	04	10	G15	001		MR
SA	1152	250 - OVC	20			144	59	17	02	08		999		MR
SA	1255	250 - OVC	20			129	62	18	14	06	E	995	824 1001	MR
SA	1357	250 - OVC	20			121	63	22	22	12		993		MR
SA	1453	250 - OVC	20			124	63	22	23	10		993		MR
SA	1552	250 - OVC	20			116	64	22	22	10		991	914 1001 66 RADAT 47091	WRG
SA	1652	250 - BKN	20			105	63	24	24	07		988		WRG
SA	1752	160 SCT 250 - BKN	20			105	60	26	23	08		987		WRG
SA	1852	160 SCT 250 - BKN	20			107	56	29	00	00		987	510 1071	WRG
SA	1952	160 SCT 250 - SCT	20			108	54	28	31	05		988		WRG
SA	2052	160 SCT 250 SCT	20			109	50	30	01	06		988		WRG
SA	2152	160 SCT E250 BKN	20			106	52	28	36	08		988	103 1071 66	WRG
SA	2252	160 SCT 250 - BKN	20			095	50	28	02	10		986		WRG
SA	2352	160 SCT 250 SCT	20			093	48	28	01	08		985		WRG

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

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

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

U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: MAR 17 1987

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	26.580			37	0															0	3	.020			00-01
01 55	26.560			34	0															0					01-02
02 51	26.570			43	0															0					02-03
03 54	26.575			43	0															0	5	.005			03-04
04 52	26.590			42	0															0					04-05
05 49	26.600			47	0															0					05-06
06 53	26.625			44	0															0	3	.050			06-07
07 55	26.630			35	0															0					07-08
08 55	26.625			32	0															0					08-09
09 56	26.620			26	1	1	CI	250												0	8	.005			09-10
10 56	26.605			22	10															1					10-11
11 52	26.585			19	10															2					11-12
12 55	26.550			18	10	10	CI	250												1	8	.070			12-13
13 57	26.530			21	10															1					13-14
14 53	26.530			20	10															1					14-15
15 52	26.510			20	10	10	CI	250												3	7	.040			15-16
16 52	26.485			23	9															3					16-17
17 52	26.475			28	7															3					17-18
18 52	26.480			35	9	2	AC	160	7	CI	250	9								3	5	.030			18-19
19 52	26.490			36	4															2					19-20
20 52	26.490			45	5															3					20-21
21 52	26.490			41	8	4	AC	160	4	CI	250	8								6	1	.010			21-22
22 52	26.470			43	6															3					22-23
23 52	26.460			46	5															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	46	40	X	X						X		
	0350	1	0	0	0	47	40		0								
	0950	2	0	0	0	54	38		0								
	1548	3	0	0	0	66	54		0								
	2148	4	0	0	0	64	50		0								
	MID.	X	0	0	0	52	47	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0953	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.575	26.620	26.510	26.490
BAROGRAPH 64	26.585	26.620	26.515	26.495
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	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
66	38	0	0	0	19	SW	1358					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 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: 1035P / 2036P /

* CHANGED AND RESET TO ZERO CORRECTION

F420 WIND SYSTEM DOWN FOR MAINTAINANCE 1218-1332P

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

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

MF 1-10A
(5-83)

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

STATION [illegible], DESERT [illegible], NEVADA

DATE MAR 18 1987

TO CONVERT LST TO GMT
ADD 4 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)	SEQUENCE INITIALS (15)
SA	0052	230 -BKN	20			088	47	28	04	06		984	714 1004	WRG
SA	0152	E 230 BKN	20			081	46	30	02	07		982		WRG
SA	0252	230 -BKN	20			071	45	28	05	06		979		WRG
SA	0353	CLR	20			069	41	29	09	05		977	620 1008 41 RADAT 20103	MR
SA	0451	CLR	20			068	42	28	03	08		977		MR
SA	0556	CLR	20			071	41	28	02	04		977		MR
SA	0652	CLR	20			070	47	32	03	06		977	400 1050	MR
SA	0750	CLR	20			067	52	32	29	03		976		MR
SA	0851	CLR	20			066	54	33	21	06		976		MR
SA	0956	CLR	20			050	60	33	23	18		973	814 39	MR
SA	1050	CLR	20			042	62	31	23	22G	27	971		MR
SA	1155	CLR	20			031	63	29	22	20G	26	967		MR
SA	1252	CLR	20			022	64	28	22	20G	28	964	725 1170	MR
SA	1352	~~CLR~~ 250 SCT	20			004	66	30	20	21G	27	960		MR
SA	1454	250 -BKN	20			996	66	29	19	15G	26	958		MR
SA	1552	70 SCT 250 -BKN	20			990	67	26	20	18G	28	955	729 1108 67 RADAT 45092	WRG
SA	1652	250 -BKN	20			984	64	27	21	20G	29	953	FEW CU N	WRG
SA	1752	250 -BKN	20			979	60	29	22	19G	29	951	FEW SC NW	WRG
SA	1852	250 -BKN	20			977	58	29	24	20		951	614 1408	WRG
SA	1952	250 -SCT	20			982	55	27	24	16G	24	953		WRG
SA	2052	250 -SCT	20			990	55	23	23	10G	18	955		WRG
SA	2152	250 -SCT	20			997	53	22	22	13		956	220 1008 67	WRG
SP	2238	E 120 BKN	20				49	23	02	14		960	wnd shft 30 Appr at Frop A	WRG
SA	2252	E 120 BKN 250 BKN	20			004	49	24	03	13G	20	960		WRG
SA	2352	E 120 BKN 250 BKN	20			008	48	25	05	18		961		WRG

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: [illegible]O, DESERT ROCK NEVADA

DATE: MAR 18 1987

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	26.450			48	8	8	CI	230												4	7	.040			00-01
01 52	26.430			53	8															6					01-02
02 52	26.400			52	8															4					02-03
03 53	26.390			63	0	0	CS	250												0	6	.060			03-04
04 51	26.390			57	0															0					04-05
05 56	26.390			60	0															0					05-06
06 52	26.390			56	0	0	AC	160												0	4	.000			06-07
07 50	26.385			46	0															0					07-08
08 51	26.380			44	0															0					08-09
09 56	26.350			36	0															0	8	.040			09-10
10 50	26.330			32	0															0					10-11
11 55	26.300			27	0															0					11-12
12 52	26.275			26	0	0	CU	70	0	AC	160	0								0	7	.075			12-13
13 52	26.230			26	1															1					13-14
14 54	26.210			25	2															4					14-15
15 52	26.190			21	9	2	CU	70	7	CS	250	9								4	7	.085			15-16
16 52	26.170			24	8															4					16-17
17 52	26.150			30	8															4					17-18
18 52	26.150			33	8	0	SC	70	8	CS	250	8								4	6	.040			18-19
19 52	26.170			34	5															2					19-20
20 52	26.190			29	4															2					20-21
21 52	26.210			30	2	2	CS	250												1	2	.060			21-22
22 52	26.230			37	8															6					22-23
23 52	26.240			41	9															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 0349		0	0		50	41										
	0349	1	0	0	0	52	41		0								
	0952	2	0	0	0	60	39		0								
	1548	3	0	0	0	67	60		0								
	2148	4	0	0	0	67	53		0								
	MID.		0	0	0	53	48										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0955	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.310	26.350	26.190	26.210
BAROGRAPH 64	26.400	26.370	26.200	26.200
BAR. CORR. 65	-.010	-.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 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
67	39	0	0	0	31	5	1459					3	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 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: 10356P/2341 /

1352/1350

MF1-10A (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 19 1997

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0052	E120 OVC	20			009	46	25	05	16		961	B1NOVC W/ 110 1030/	WRC
SA	0152	50SCT E120BKN	20			008	46	24	06	13		961		WRC
SA	0252	M60BKN 120 OVC	20			004	47	22	05	13		960		WRC
SA	0352	M60BKN 120 OVC	20			003	46	21	08	03		960	603 147/ 46	WRC
SA	0453	M50 BKN 100 OVC	20			013	45	23	36	06		962		EP
SA	0551	25 SCT M45 OVC	20			024	44	22	03	13		964		EP
SA	0653	22 SCT M30 OVC	20			032	43	21	36	12	G21	966	CIG RGD/220 151/	EP
SA	0750	25 SCT M36 OVC	20			039	42	22	01	14	G20	967	CIG RGD	EP
SA	0852	30 SCT M38 OVC	20			042	42	23	33	08		969		EP
SP	0934	WX15X	2½		SW-				32	10		972	SB17	EP
RS	0956	-XE30 OVC	3		SW-	059	37	32	36	08		972	S2 SB17/31700 151/37	EP
/		~~25 SCT E40 OVC~~	~~15~~				~~38~~	~~32~~				~~972~~	SE40 SWW OVRMNTS ALQDS	EP
SA	1053	25 SCT E40 OVC	15			060	38	32	19	08		972	*VSBY LWR SE	/
RS	1153	W15X	2½		SW-	066	36	31	33	15		973	SB27	EP
SP	1219	-X 25SCT E40 OVC	3		SW-				12	07		972	S2 VSBY LWR E-SW	EP
SA	1251	30SCT E50 OVC	20			055	37	32	13	11		970	*80700 181/ *SE41/	EP
SA	1352	30SCT E60 OVC	20			~~055~~ 055	42	27	14	07		969		EP
SA	1450	30SCT E60 OVC	20			055	42	28	23	12		971	HR CLOS VSB	EP
SA	1550	30SCT E60 OVC	10			055	44	24	25	08		971	30300 181/ 46	/
/													RADAT 51052	CH
SA	1650	30SCT 80SCT E250 OVC	10			055	44	23	23	10		971		CH
SA	1750	50SCT E250 BKN	10			065	42	22	23	06		973		CH
SA	1850	50 SCT E250 BKN	10			075	38	24	34	03		975	314 1101	CH
SA	1950	50 SCT E250 BKN	10			090	35	16	24	03		979		CH
SA	2050	50 SCT E250 BKN	10			101	36	14	02	05		982		CH
SA	2150	50 SCT 250-BKN	10			112	35	14	06	05		984	227 1101 53	CH
SA	2250	250-BKN	20			118	36	15	00	00		986		CH
SA	2350	250-BKN	20			127	36	17	30	06		988		CH

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

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

SUPERSEDES MF1-10A (1-82) WHICH MAY BE USED.

U.S. GPO 1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: MAR 19 1987

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. HUMID. (%) 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	SUM OF AMTS TOTAL 28	THIRD LAYER AMT 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUM OF AMTS TOTAL 32	FOURTH LAYER AMT 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRES. CHANGE (Mb.) 37	PRES. CHANGE (Ins.) 38	SEA LEVEL PRESSURE (Mb.) 39	PRECIP. (Ins.) 40	HR.
00 52	26.240			43	10	10	AC	E120												8	1	.030			00-01
01 52	26.240			42	9															7					01-02
02 52	26.230			38	10															9					02-03
03 52	26.230			38	10	6	SC	M60	4	AC	120	10								10	6	.010			03-04
04 53	26.250			42	10															10					04-05
05 51	26.270			41	10															10					05-06
06 53	26.290			41	10	2	STFRA	22	10	SC	M30	10								10	2	.060			06-07
07 50	26.300			45	10															10					07-08
08 52	26.310			47	10															10					08-09
09 56	26.340			82	10	2	S	—	10	SC	E30	10								10	3	.050			09-10
10 53	26.340			79	10															10					10-11
11 53	26.350			82	10															10					11-12
12 51	26.320			82	10	2	CU	30	10	SC	E50	10								10	8	.020			12-13
13 52	26.310			55	10															10					13-14
14 50	26.330			58	10															10					14-15
15 50	26.330			45	10	1	CU	30	10	SC	E60	10								10	3	.010			15-16
16 50	26.330			43	10															8					16-17
17 50	26.350			45	8															6					17-18
18 50	26.370			57	8	1	CU	50	7	CI	E250	8								6	3	.040			18-19
19 50	26.400			45	8															6					19-20
20 50	26.430			40	8															6					20-21
21 50	26.450			42	8	2	CU	50	6	CI	250	8								3	2	.080			21-22
22 50	26.470			42	7															3					22-23
23 50	26.490			46	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 0350	X	0	0	X	46	46	X	X						X		
	0350	1	0	0	0	53	46		0								
	0952	2	T	T*	0	46	37		1								
	1548	3	T	T*	0	44	35		0								
	2148	4	0	0	0	45	32		0								
	MID.	X	0	0	0	39	32	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0953	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.230	26.340	26.330	26.450
BAROGRAPH 64	26.235	26.350	26.320	26.450
BAR. CORR. 65	-.005	-.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 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
48	32	T	T	0	22	N	0508					10	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
SW -	0917	1040			
SW -	1127	1241			

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: 1043P / 1752P /

*T-MELTED AS IT FELL

0934/SKY W15X/1005 0956/0956 1352/SLP048/1453

0032/103/ /0900 3-31

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 20 1987

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 (Mbs.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0050	250 - BKN	20			136	32	18	15	04		991	220 1001	CH
SA	0150	250 - BKN	20			139	29	18	04	06		992		CH
SA	0250	250 - BKN	20			143	31	18	00	00		993		CH
SA	0354	250 - SCT	20			151	28	18	36	05		996	315 100127 RADAT	EP
/	—											/	53403 4044	/
SA	0451	CLR	20			159	28	18	16	04		997		EP
SA	0551	CLR	20			165	29	18	10	05		000		EP
SA	0652	CLR	20			168	35	19	09	05		001	115 1001	EP
SA	0750	250 - BKN	20			173	42	16	08	03		003		EP
SA	0851	250 - BKN	20			176	43	15	02	08		004		EP
SA	0952	250 - OVC	20			175	45	17	36	08		004	110 1107 27	EP
SA	1051	250 - OVC	20			170	47	15	04	06		003	CU OVR MNTS SE	EP
SA	1150	250 - OVC	20			162	50	14	30	07		002	FEW CU	EP
SA	1251	250 - OVC	20			153	53	11	33	06		994	FEW CU/817 1107	EP
SA	1354	250 - OVC	20			143	53	10	21	03		995	FEW CU	EP
SA	1450	250 - OVC	20			137	52	06	17	03		994	FEW SC	EP
SA	1550	250 - OVC	20			136	53	10	20	07		993	FEW SC/ 617 1507	CH
/						—							SS RADAT 20	/
SA	1650	250 - OVC	20			134	51	11	25	07		992		CH
SA	1750	250 - OVC	20			131	49	12	24	07		991		CH
SA	1850	250 - OVC	20			128	47	13	17	03		991	607 1007	CH
SA	1950	250 - OVC	20			126	43	17	00	00		991		CH
SA	2050	250 - OVC	20			119	42	17	00	00		988		CH
SA	2150	250 - OVC	20			115	40	17	11	04		987	810 1007 55	CH
SA	2250	250 - OVC	20			110	40	17	11	07		986		CH
SA	2350	250 - OVC	20			104	41	20	12	04		985		CH

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

FM12 VII- [illegible] plus regional and national data groups

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

U.S.GPO:1984-0-764-006/6085

MF1-10B
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAR 20 1987

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	26.510			56	6	6	CI	250												2	2	.060			00-01
01 50	26.520			63	6															2					01-02
02 50	26.530			58	6															2					02-03
03 54	26.555			66	2	2	CI	250												0	3	.045			03-04
04 51	26.570			66	0															0					04-05
05 51	26.590			63	0															0					05-06
06 52	26.600			52	0	0	CI	250												0	1	.045			06-07
07 50	26.620			35	6															0					07-08
08 51	26.630			32	8															1					08-09
09 52	26.630			32	10	0	CU	60	10	CS	250	10								2	1	.030			09-10
10 51	26.620			27	10															2					10-11
11 50	26.605			23	10															2					11-12
12 51	26.580			18	10	0	CU	70	10	CS	250	10								3	8	.050			12-13
13 54	26.550			18	10															1					13-14
14 50	26.535			15	10															1					14-15
15 50	26.530			18	10	0	SC	60	10	CS	250	10								1	6	.050			15-16
16 50	26.520			20	10															2					16-17
17 50	26.510			22	10															3					17-18
18 50	26.510			25	10	10	CS	250												3	6	.020			18-19
19 50	26.510			35	10															3					19-20
20 50	26.490			36	10															4					20-21
21 50	26.480			39	10	10	CS	250												3	8	.030			21-22
22 50	26.470			39	10															3					22-23
23 50	26.460			43	10															3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	MO. 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	MOIST. TEMP. 56	57	58
	MID. TO 0350		0	0		36	27										
	0350	1	0	0	0	39	27		0								
	0950	2	0	0	0	45	27		0								
	1548	3	0	0	0	55	45		0								
	2148	4	0	0	0	53	39		0								
	MID.		0	0	0	42	39										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0951	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.555	26.630	26.530	26.480
BAROGRAPH 64	26.560	26.645	26.540	26.490
BAR. CORR. 65	-.005	-.015	-.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
55	27	0	0	0	15	SW	1557					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 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: 1080OP/1655P/

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

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 21 1987

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 (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	250- OVC	20			103	39	21	00	00		985	607 1007	CH
SA	0150	250- OVC	20			098	40	22	00	00		984		CH
SA	0250	E 250 OVC	20			087	41	20	00	00		981		CH
SA	0355	90 SCT E250 OVC	20			079	40	20	00	00		979	820 1507 39 RADAT 31064	EP
SA	0450	M75 BKN 250 OVC	20			080	41	20	00	00		976		EP
SA	0551	80 SCT 250 SCT	20			072	37	19	08	06		975		EP
SA	0652	E250 ~~OVC~~ BKN	20			074	42	18	00	00		976	507 1506	EP
SA	0750	80 SCT 250 SCT	20			074	46	14	23	12	G18	976		EP
SA	0850	250 - SCT	20			070	48	20	23	14	G21	975	1	EP
SA	0954	80 SCT 250 - SCT	20			066	49	19	22	14	G22	974	807 1831 36	EP
SA	1050	80 SCT 250 SCT	20			052	53	18	21	22	G31	971		EP
SA	1154	E 80 BKN 250 OVC	20			050	51	14	20	24	G31	970	SWU OVR MNTS SE	EP
SA	1252	50 SCT E 80 OVC	20			053	47	24	21	18		970	SWU OVR MNTS SE/614	EP
/												/	112/	/
SA	1352	E 80 BKN	20			041	46	25	18	16		966	FEW CU RWU N RB01E19	EP
SA	1452	M38 BKN 70 OVC	20		RW-	029	46	28	20	12		963	RB44	EP
SA	1550	E 38 BKN 60 OVC	7		RW-	041	40	37	20	14	G20	965	51403 1811 54	/
/						—							RADAT 92 051	CH
SA	1650	38 SCT M 45 OVC	7			029	40	36	17	12		962	RE 37	CH
SA	1750	35 SCT E 50 OVC	7			021	40	35	14	15		959	BINOVC W	CH
SA	1850	35 SCT E 50 OVC	7			015	38	35	17	07		958	62400 1811	CH
SA	1950	35 SCT E 50 OVC	7			016	39	31	22	10		959		CH
SA	2050	33 SCT E 48 OVC	7			014	39	31	14	05		959		CH
SA	2150	33 SCT M 45 OVC	7			018	39	32	23	10		960	20700 1811 54	CH
SA	2250	20 SCT M 36 OVC	7			020	38	33	23	15		961		CH
SP	2316	W 5X	1		S-				25	15	G24	963	SB05	CH
SA	2350	W 5X	1		S-	028	32	31	21	10		962	SB05	CH
$														

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

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

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

☆U.S.GPO.1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAR 21 1987

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			48	10	10	CS	250												3	6	.020			00-01
01 50	26.450			48	10															3					01-02
02 50	26.420			43	10															7					02-03
03 55	26.400			44	10	3	SC	90	10	CS	E250	10								7	8	.060			03-04
04 50	26.380			43	10															9					04-05
05 51	26.370			48	1															1					05-06
06 52	26.380			38	6	0	SC	80	6	CI	E250	6								5	5	.020			06-07
07 50	26.380			27	3															2					07-08
08 50	26.370			33	1															0					08-09
09 54	26.360			30	3	0	CU	60	1	AC	80	1	3	CI	250	3				1	8	.020			09-10
10 50	26.330			25	4															3					10-11
11 54	26.320			23	10															10					11-12
12 52	26.320			40	10	1	CU	50	10	AS	E80	10								10	6	.040			12-13
13 52	26.290			44	9															9					13-14
14 52	26.260			45	10															10					14-15
15 50	26.280			89	10	6	CU	E38	4	SC	60	10								10	5	.040			15-16
16 50	26.250			86	10															10					16-17
17 50	26.220			82	10															10					17-18
18 50	26.210			89	10	4	CU	35	6	SC	E50	10								10	6	.070			18-19
19 50	26.220			73	10															10					19-20
20 50	26.220			73	10															10					20-21
21 50	26.230			76	10	4	CU	33	6	SC	M45	10								10	2	.020			21-22
22 50	26.240			82	10															10					22-23
23 50	26.250			96	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 0350		0	0		42	39										
	0350	1	0	0	0	42	39		0								
	0951	2	0	0	0	50	36		0								
	1548	3	.03	0	0	54	40		2								
	2148	4	T	0	0	41	38		2								
	MID.		.04	E 0.4	0	39	32										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0952	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.400	26.360	26.280	26.230
BAROGRAPH 64	26.400	26.360	26.280	26.215
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	0900AM 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
54	32	.07	0.4**	0	35	SW	1209					7	8		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1301	1319			
RW-	1444	1637			
S-	2305	CONT			

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: 1065SP/ 1559P/

0652/0652

+ BAROGRAPH CHANGED RESET TO 0

E-ESTIMATED DUE TO MELTING

** MELTED AS IT FELL

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

☆ U.S. Government Printing Office: 1988 - 654-383

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 22 1987

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. SEQUENCE INITIALS (15)
SP	0020	-X M6 OVC	3		S-				00	00		962	S3	CH
SA	0050	M6 BKN 12 OVC	7			034	33	32	30	04		963	SE 39/ 21004 1811	CH
SP	0103	6 SCT 12 SCT M42 OVC	7						31	04		963		CH
SA	0150	6 SCT 14 SCT E 36 OVC	7			035	33	32	24	06		963		CH
SA	0250	7 SCT E 32 BKN 240 OVC	7			035	33	32	23	08		963		CH
SA	0359	E35 BKN 250 OVC	10			038	33	32	24	03		963	40004 1502 32 20003 RADAT 85037	AD
SA	0450	35 SCT 250 -OVC	10			046	33	32	26	07		965		AD
SA	0559	35 SCT E140 BKN 250 OVC	10			054	33	32	21	10		967		AD
SA	0650	25 SCT E 80 BKN 140 OVC	10			061	34	33	21	07		970	220 1521	AD
SP	0725	M22 BKN 80 OVC	6		S-				22	08		972	VSBY NZ	AD
RS	0750	-X 5 SCT M20 OVC	4		S-F	075	36	35	22	10		974	F4 SB15	AD
SP	0825	5 SCT 20 SCT 80 SCT 140 SCT 250												/
		-OVC	10						22	09		976		AD
SA	0850	40 SCT 80 SCT 140 SCT 250 - BKN	10			085	40	34	20	09		977	ACSL SW SE 20	AD
SA	0950	40 SCT 80 SCT E250 BKN	10			090	42	33	21	07		980	23000 1572 32	AD
SA	1050	80 SCT 250 SCT	20			095	48	32	20	07		982		AD
SA	1150	80 SCT	20			104	53	26	35	10		984		AD
SA	1250	80 SCT	20			101	55	22	02	11		984	114 1500	AD
SA	1350	80 SCT	20			105	55	20	35	10		985		AD
SA	1450	80 SCT	20			105	56	17	31	12		985		AD
SA	1552	80 SCT	20			109	55	17	32	15	G21	986	207 1100 56 RADAT 39073	[illegible]
SA	1651	80 SCT	20			117	54	15	32	11		988		[illegible]
SA	1758	CLR	20			128	51	19	32	10		991	FEW SC	[illegible]
SA	1851	CLR	20			137	47	20	29	04		993	220 1401	[illegible]
SA	1956	CLR	20			148	46	21	36	08		996		[illegible]
SA	2050	CLR	20			155	43	23	05	03		999		[illegible]
SA	2150	CLR	20			159	41	24	10	05		000	120 56	[illegible]
SA	2258	CLR	20			155	42	22	04	08		000		[illegible]
SA	2350	CLR	20			141	41	21	03	11		999		[illegible]

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NEVADA

DATE: MAR 22 1987

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	26.260			96	10	7	C4	M6	3	SC	12	10								10	2	.030			00-01
01 50	26.260			96	10															10					01-02
02 50	26.260			96	10															8					02-03
03 59	26.260			96	10	8	SC	E35	2	CI	250	10								10	4	.000			03-04
04 50	26.280			96	10															3					04-05
05 59	26.300			96	10															8					05-06
06 50	26.320			96	10	2	SC	25	6	SC	E80	8	2	AS	140	10				10	2	.060			06-07
07 50	26.360			96	10															10					07-08
08 50	26.390			79	7															3					08-09
09 50	26.410			70	6	1	SC	40	2	AC	80	3	3	CI	E250	6				5	2	.090			09-10
10 50	26.430			54	5															5					10-11
11 50	26.450			35	4															4					11-12
12 50	26.450			27	4	4	SC	80												4	1	.040			12-13
13 50	26.460			25	4															4					13-14
14 50	26.460			21	4															4					14-15
15 52	26.470			22	4	4	CU	80												4	2	.020			15-16
16 51	26.490			21	4															4					16-17
17 58	26.510			28	0															0					17-18
18 51	26.530			34	0	0	SC	80	0	CI	300	0								0	2	.060			18-19
19 56	26.560			37	0															0					19-20
20 50	26.580			45	0															0					20-21
21 50	26.590			50	0															0	1	.060			21-22
22 58	26.590			45	0															0					22-23
23 50	26.580			45	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 61	TIME (L.S.T.) 62	NO. 63	PRECIP. (Ins.) 64	SNOW FALL (Ins.) 65	SNOW DEPTH (Ins.) 66	MAX. TEMP. (°F) 67	MIN. TEMP. (°F) 68	69	STATE OF GRND. 70	71	72	73	74	75	SOIL TEMP. 76	77	78
	MID. TO 0350		T	T*		33	32										
	0350	1	.04	0.4E	0	39	32		1								
	0950	2	T	T*	0	42	33		1								
	1548	3	0	0	0	56	42		0								
	2146	4	0	0	0	56	39		0								
	MID		0	0	0	46	41										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0359	0950	1552	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.260	26.410	26.470	26.590
BAROGRAPH 64	26.260	26.410	26.470	26.590
BAR. CORR. 65	0	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 TO (Ins.) 69	4 PM 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
56	32	T	T*	0	23	NW	1602					6	5		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
S-	CONT	0039			
S-	0715	0820			
F	0745	0815			

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: 0500P / 1911P /

E-ESTIMATED DUE TO MELTING 0359/0359 0950/0950

* MELTED AS IT FELL

0050/21004/0800

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 23 1987

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	0051	CLR	20			151	39	21	09	08		000	500	[illegible]
SA	0156	CLR	20			153	37	22	06	03		000		[illegible]
SA	0252	250-SCT	20			144	37	21	00	00		997		[illegible]
SA	0350	250-SCT	20			144	33	23	00	00		996	810 1008 32 RADAT 36066	AD
SA	0450	250-SCT	20			143	36	24	00	00		996		AD
SA	0550	E140 BKN 250 OVC	20			147	37	25	09	05		997		AD
SA	0650	E140 BKN 250 OVC	20			150	38	27	06	04		997	103 1028	AD
SA	0750	E140 BKN 250 OVC	20			143	43	23	30	04		996		AD
SA	0850	E140 BKN 250 OVC	20			144	45	21	29	03		996		AD
SA	0950	E140 BKN 250 OVC	20			140	47	20	30	03		995	707 1028 332	AD
SA	1050	E130 BKN 220 OVC	20			133	50	21	29	03		994		AD
SA	1150	E130 BKN 220 OVC	20			125	52	20	29	04		992		AD
SA	1250	E130 BKN 220 OVC	20			113	54	20	02	05		988	820 1028	AD
SA	1350	E130 BKN 220 OVC	20			110	55	20	08	05		987		AD
SA	1450	130 SCT 220-BKN	20			100	54	20	09	06		984		AD
SA	1556	60 SCT 250-BKN	20			090	55	20	21	03		981	824 1108 57 RADAT 46072	[illegible]
SA	1650	60 SCT 250 SCT	20			086	54	23	12	06		980		[illegible]
SA	1756	60 SCT E130 BKN 250 BKN	20			087	51	23	13	09		980		[illegible]
SA	1851	60 SCT E130 BKN 250 BKN	20			090	50	22	11	13		981	500 1471	[illegible]
SA	1953	E130 BKN 250 BKN	20			098	47	26	13	08		983		[illegible]
SA	2056	130 SCT 250 SCT	20			095	47	26	21	03		983		[illegible]
SA	2150	130 SCT 250 SCT	20			101	44	28	16	05		984	110 1071 57	[illegible]
SA	2255	130 SCT 250 SCT	20			101	44	28	00	00		985		[illegible]
SA	2358	250 SCT	20			101	44	30	00	00		985		[illegible]

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

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

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

U.S.GPO:1984-0-764-006/6085

MF1-10B
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: VELMO, DESERT ROCK NEVADA

DATE: MAR 23 1987

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	26.590			48	0															0	5	.000			00-01
01 56	26.590			54	0															0					01-02
02 52	26.570			52	3															0					02-03
03 50	26.560			66	4	4	CS	250												1	8	.030			03-04
04 50	26.560			61	4															1					04-05
05 50	26.570			61	10															9					05-06
06 50	26.570			64	10	8	AS	E140	2	CS	250	10								9	1	.010			06-07
07 50	26.560			45	10															7					07-08
08 50	26.560			38	10															9					08-09
09 50	26.550			34	10	8	AS	E140	2	CS	250	10								9	7	.020			09-10
10 50	26.540			32	10															9					10-11
11 50	26.520			28	10															9					11-12
12 50	26.490			26	10	8	AS	E130	2	CS	250	10								9	8	.060			12-13
13 50	26.480			25	10															8					13-14
14 50	26.450			26	9															4					14-15
15 56	26.420			25	7	2	CU	60	5	CS	250	7								3	8	.070			15-16
16 50	26.410			30	5															4					16-17
17 56	26.410			33	7															6					17-18
18 51	26.420			33	8	1	SC	60	6	AC	E130	7	1	CI	250	8				7	5	.000			18-19
19 53	26.440			44	8															8					19-20
20 56	26.440			44	5															4					20-21
21 50	26.450			53	3	2	AC	130	1	CI	250	3								3	1	.030			21-22
22 55	26.460			53	3															3					22-23
23 58	26.460			58	2															4					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		41	32										
	0350	1	0	0	0	46	32		0								
	0950	2	0	0	0	48	33		0								
	1551	3	0	0	0	57	47		0								
	2145	4	0	0	0	55	43		0								
	MID.		0	0	0	45	42										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1556	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.560	26.550	26.420	26.450
BAROGRAPH 64	26.570	26.560	26.430	26.450
BAR. CORR. 65	-.010	-.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 (Knts.) 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
57	32	0	0	0	15	SE	1853					9	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 0543PST SUNSET 1758PST

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: 0500P/1956P/ /

0950P/24HR MIN 32/1959P

MF1-10B (4-86)

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

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

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 2 1 1987

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. (Abs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (10's Wd) (9)	WIND SPEED (Kts.) (10)	WIND RANGE (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0054	250 SCT	20			099	45	25	03	08		985	103 1001	[illegible]
SA	0158	250 SCT	20			099	41	30	12	05		985		[illegible]
SA	0256	250 SCT	20			099	42	25	02	07		985		[illegible]
SA	0350	50 SCT E250 BKN	20			101	42	26	04	06		985	400 1502 38	AD
SA	0450	M50 BKN 250 OVC	20			101	43	29	04	09		985	RADAT 57066	AD
SA	0550	M50 BKN 250 BKN	20			101	43	30	05	10		985		AD
SA	0650	50 SCT E250 BKN	20			109	43	31	06	10		987	307 1502	AD
SA	0750	50 SCT E250 BKN	20			116	48	31	07	11		990		AD
SA	0850	50 SCT 250-BKN	20			115	50	30	04	11		990		AD
SA	0950	50 SCT 250-BKN	20			115	54	27	02	05		990	107 1101 38	AD
SA	1050	E45 BKN 250 BKN	20			115	54	26	25	04		990		AD
SA	1150	E45 BKN 250 BKN	20			105	57	20	08	10		987		AD
SA	1250	E45 BKN 250 BKN	20			097	57	19	35	09		985	*814 1202 *VIRGA ALQDS	AD
SA	1350	E45 BKN 250 BKN	20			100	57	19	01	12		985		AD
SA	1450	E45 BKN 250 BKN	20			099	57	23	34	14		985		AD
SA	1552	45 SCT E250 BKN	20			099	56	21	32	05		985	FEW TCU VIRGA ALQDS	[illegible]
—	—												400 1201 59 RADAT 47075	—
SA	1651	45 SCT 250-BKN	20			108	54	24	05	10		987	RB13E22 TCU VIRGA SW	[illegible]
SA	1756	45 SCT 250-BKN	20			112	53	21	02	14		986	VIRGA SE	[illegible]
SA	1850	45 SCT 250 SCT	20			124	51	27	03	14		992	~~220~~ 1401	[illegible]
SA	1955	45 SCT 250 SCT	20			128	48	30	04	12		993	22000	[illegible]
SA	2053	250 SCT	20			130	47	30	05	14		994		[illegible]
SA	2150	250 SCT	20			132	47	30	05	15		995	21000 1001 59	[illegible]
SA	2251	CLR	20			137	46	29	04	13		996	CI SE	[illegible]
SA	2355	CLR	20			144	45	30	02	11		999		[illegible]

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAR 24 1987

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	26.460			45	2	2	CI	250												2	1	.010			00-01
01 58	26.460			65	2															2					01-02
02 56	26.460			51	2															2					02-03
03 50	26.460			53	8	3	SC	50	5	CI	E250	8								7	4	.000			03-04
04 50	26.460			58	10															10					04-05
05 50	26.460			60	8															8					05-06
06 50	26.480			62	8	5	SC	50	3	CI	E250	8								7	3	.020			06-07
07 50	26.500			52	8															7					07-08
08 50	26.500			46	8															3					08-09
09 50	26.500			35	8	3	CU	50	5	CI	250	8								3	1	.020			09-10
10 50	26.500			34	9															8					10-11
11 50	26.480			24	9															9					11-12
12 50	26.460			23	9	7	CU	E45	2	CI	250	9								9	8	.040			12-13
13 50	26.460			23	9															9					13-14
14 50	26.460			27	9															9					14-15
15 52	26.460			24	7	4	CU	45	3	CI	250	7								5	4	.000			15-16
16 51	26.480			31	7															3					16-17
17 56	26.490			28	7															3					17-18
18 50	26.520			39	5	2	SC	45	3	CI	250	5								4	2	.060			18-19
19 55	26.530			50	3															3					19-20
20 53	26.540			51	3															3					20-21
21 50	26.530			57	2	2	CI	250												2	2	.030			21-22
22 51	26.560			51	0															0					22-23
23 55	26.580			56	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	45	38	X	X						X		
	0350	1	0	0	0	45	38		0								
	0950	2	0	0	0	54	42		0								
	1548	3	0	0	0	59	51		0								
	2146	4	T	0	0	54	47		0								
	MID.	X	0	0	0	47	45	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1552	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.460	26.500	26.460	26.550
BAROGRAPH 64	26.470	26.510	26.480	26.560
BAR. CORR. 65	-.010	-.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	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 MID-NIGHT TO MID-NIGHT 79	WATER EQUIV. (Ins.) 80	81
59	38	T	0	0	24	NE	1605					8	6		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1613	1622			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0542PST SUNSET 1759PST

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: 0500P/ 1840P/ /

1850P/ 22000/ 2055P

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

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

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 25 1987

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	0055	CLR	20			144	45	29	05	15		999	110	[illegible]
SA	0155	CLR	20			147	44	28	04	10		000		[illegible]
SA	0250	CLR	20			149	43	27	04	13		000		[illegible]
SA	0350	CLR	20			147	43	27	03	12		000	103 42 RAOAT 50067	AD
SA	0450	CLR	20			155	42	27	03	11		001		AD
SA	0550	CLR	20			162	41	27	02	12		003		AD
SA	0650	CLR	20			166	44	27	04	10		004	214	AD
SA	0750	CLR	20			170	48	27	04	14		005		AD
SA	0850	CLR	20			173	51	26	04	16		006		AD
SA	0950	80 SCT	20			162	55	21	02	16		004	000 1100 38	AD
SA	1050	80 SCT	20			159	55	21	02	14		003		AD
SA	1150	80 SCT	20			150	58	19	04	15		001		AD
SA	1250	80 SCT	20			141	60	16	05	11		999	717 1100	AD
SA	1350	E80 BKN	20			135	60	14	02	09		996		AD
SA	1450	E80 BKN	20			135	61	14	03	12		996	VIRGA ALQDS	AD
SA	1550	E80 BKN ~~80 SCT~~	20			136	61	15	05	10G23		997	SOS 1100 62 RAOAT 32081	JS
SA	1650	80 SCT	20			137	59	16	02	11		997	VIRGA AIQds	JS
SA	1750	80 SCT	20			141	57	18	05	09		997	VIRGA ALQds	JS
SA	1857	CLR	20			156	49	21	06	07		001	FEW SC / 312 1400	DC
SA	1950	CLR	20			162	46	22	03	08		003		JS
SA	2050	CLR	20			168	46	22	03	10		005		JS
SA	2151	CLR	20			172	45	21	05	11		006	117 62	JS
SA	2253	CLR	20			176	48	21	07	09		008		JS
SA	2352	CLR	20			179	45	21	05	12		009		JS

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

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8$N_hC_LC_MC_H$ plus regional and national data groups.

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

☆U.S.GPO 1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAR 25 1987

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	WET BULB CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 55	26.580			53	0															0	1	.030			00-01
01 55	26.580			53	0															0					01-02
02 50	26.590			53	0															0					02-03
03 50	26.590			53	0															0	1	.010			03-04
04 50	26.600			55	0															0					04-05
05 50	26.620			57	0															0					05-06
06 50	26.630			51	0															0	2	.040			06-07
07 50	26.640			44	0															0					07-08
08 50	26.650			38	0															0					08-09
09 50	26.630			26	3	3	CU	80												3	0	.000			09-10
10 50	26.620			26	4															4					10-11
11 50	26.600			22	4															4					11-12
12 50	26.580			18	5	5	CU	80												5	7	.050			12-13
13 50	26.560			16	6															6					13-14
14 50	26.560			16	6															6					14-15
15 50	26.565			16	7	7	CU	80												7	5	.045			15-16
16 50	26.565			18	4															4					16-17
17 50	26.570			22	1															1					17-18
18 57	26.600			33	0	0	SC	80												0	3	.035			18-19
19 50	26.620			37	0															0					19-20
20 51	26.640			39	0															0					20-21
21 51	26.650			38	0															0	1	.050			21-22
22 53	26.670			34	0															0					22-23
23 52	26.675			39	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	45	42	X	X						X		
	0350	1	0	0	0	47	42		0								
	0950	2	0	0	0	55	38		0								
	1550	3	0	0	0	62	55		0								
	2148	4	0	0	0	61	44		0								
	MID.	X	0	0	0	50	45	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1550	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.590	26.630	26.565	26.650
BAROGRAPH 64	26.600	26.645	26.620*	26.665
BAR. CORR. 65	-.010	-.015	-.055*	-.040

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
62	38	0	0	0	25	N	1015					3	2		

WEATHER & OBSTRUCTIONS TO VISION

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

REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0540 PST SUNSET 1754 PST

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: 1557H / /

*1550 Barograph Reset To Zero Cor.

MF1-10B (4-86) SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED. ☆ U.S. Government Printing Office: 1986—654-383

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 1987

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	0052	CLR	20			177	46	22	05	12		009	108	JS
SA	0151	CLR	20			174	46	22	04	15		008		JS
SA	0250	CLR	20			175	46	22	04	12		008		JS
SA	0345	CLR	20			180	41	22	04	08		007	500 41 RAOAT 45074	[illegible]
SA	0448	CLR	20			188	34	23	10	05		011		[illegible]
SA	0555	CLR	20			195	41	23	05	10		013		[illegible]
SA	0650	250 - SCT	20			197	46	24	27	06		013	112 1001	[illegible]
SA	0755	250 - SCT	20			201	51	23	32	06		014		[illegible]
SA	0852	250 - SCT	20			192	54	22	01	10		014		[illegible]
SA	0945	250 - SCT	20			190	57	20	26	03		012	805 1001 37	[illegible]
SA	1050	250 - BKN	20			183	60	19	27	06		011		[illegible]
SA	1150	250 - BKN	20			179	61	19	24	11		009		[illegible]
SA	1250	250 - BKN	20			167	63	20	23	10		006	817 1001	[illegible]
SA	1350	250 - BKN	20			154	65	16	24	10	G20	003		[illegible]
SA	1436	250 - BKN	20			145	65	15	24	15	G21	001		[illegible]
SA	1557	250 - SCT	20			136	65	15	24	15		997	727 1001 66	JS
SA	1650	CLR	20			139	64	15	23	15		997	CI DSNT S-W	DC
SA	1751	CLR	20			140	61	14	25	11		997	CI DSNT S-W	JS
													RADAT 34093	
SA	1850	CLR	20			144	56	15	34	09		999	303 1001	JS
SA	1950	CLR	20			152	56	15	31	12		002		JS
SA	2055	CLR	20			149	59	14	31	17		002		DC
SA	2154	CLR	20			152	57	18	35	13		003	214 66	DC
SA	2252	CLR	20			152	55	13	33	12		003		JS
SA	2351	CLR	20			150	57	11	36	15		003		JS

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAR 26 1987

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	26.675			38	0															0	1	.025			00-01
01 51	26.665			38	0															0					01-02
02 50	26.670			38	0															0					02-03
03 45	26.675			46	0															0	5	.000			03-04
04 48	26.690			52	0															0					04-05
05 55	26.710			49	0															0					05-06
06 50	26.710			42	2	2	ci	250												1	1	.035			06-07
07 55	26.725			33	1															0					07-08
08 52	26.720			29	1															0					08-09
09 45	26.700			24	1	1	ci	250												0	8	.010			09-10
10 50	26.690			20	8															1					10-11
11 50	26.660			19	8															2					11-12
12 50	26.650			19	7	7	ci	250												2	8	.050			12-13
13 50	26.620			15	7															2					13-14
14 56	26.600			14	6															2					14-15
15 57	26.570			14	2	2	Cl	250												1	7	.080			15-16
16 50	26.570			15	0															0					16-17
17 51	26.570			16	0															0					17-18
18 50	26.580			20	0	0	Cl	250												0	3	.010			18-19
19 50	26.610			20	0															0					19-20
20 55	26.610			17	0															0					20-21
21 54	26.620			22	0															0	2	.040			21-22
22 52	26.620			19	0															0					22-23
23 51	26.620			16	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	47	41	X	X						X		
	0344	1	0	0	0	50	41		0								
	0944	2	0	0	0	57	37		0								
	1549	3	0	0	0	66	57		0								
	2149	4	0	0	0	65	54		0								
	MID.	X	0	0	0	58	55	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0944	1557	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.[illegible]	26.10[illegible]	26.570	26.620
BAROGRAPH 64	26.675	26.705	26.580	26.620
BAR. CORR. 65	-.010	-.005	-.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	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
66	37	0	0	0	30	N	2340					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 0539 PST SUNSET 1800 PST

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: 1065A 1/93 PST

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 1987

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			150	55	14	35	14	G23	003	400	JS
SA	0151	CLR	20			149	55	9	01	17	G24	003		JS
SA	0252	CLR	20			150	52	4	34	15		003		JS
SA	0358	CLR	20			161	45	9	04	17	G22	005	307 25 RADAT 20081	[illegible]
SA	0459	CLR	20			183	42	8	07	10		011		[illegible]
SA	0550	250 - SCT	20			185	44	8	06	11		011		[illegible]
SA	0650	250 - SCT	20			198	43	11	02	15	G23	014	227 1001	[illegible]
SA	0750	250 - SCT	20			205	46	11	03	15		016		[illegible]
SA	0853	250 - SCT	20			198	48	11	03	16	G23	015		[illegible]
SA	0950	CLR	20			198	51	10	04	19	G23	015	003 41	[illegible]
SA	1057	CLR	20			198	51	9	05	17	G23	015		[illegible]
SA	1151	CLR	20			188	53	10	02	17	G22	013		[illegible]
SA	1256	CLR	20			172	56	9	03	17	G25	008	~~[illegible]~~ 820	[illegible]
SA	1350	CLR	20			165	55	9	03	18	G26	006		[illegible]
SA	1450	CLR	20			155	56	7	04	20	G27	003		[illegible]
SA	1555	CLR	20			159	56	5	05	20	G25	003	617 1100 57	DC
													RADAT 21075	
SA	1654	CLR	20			166	54	2	03	18		004		DC
SA	1750	CLR	20			172	51	1	04	17		005		DC
SA	1850	CLR	20			180	49	2	03	13		007	214	JS
SA	1951	CLR	20			187	46	4	03	11		009		JS
SA	2051	CLR	20			182	45	5	03	18		008		JS
SA	2157	CLR	20			181	44	4	05	09		008	003 58	DC
SA	2250	CLR	20			179	43	5	04	12		008		JS
SA	2351	CLR	20			183	41	6	09	10		009		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 $1s_n$TTT $2s_n T_d T_d T_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

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

U.S.GPO 1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAR 27 1987

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 O. PAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.620			19	0															0	4	.000			00-01
01 51	26.620			16	0															0					01-02
02 52	26.620			12	0															0					02-03
03 58	26.640			23	0															0	3	.020			03-04
04 59	26.670			24	0															0					04-05
05 50	26.690			25	2															1					05-06
06 50	26.720			27	3	3	Cu	250												1	2	.080			06-07
07 50	26.740			24	2															1					07-08
08 53	26.730			22	2															1					08-09
09 50	26.730			19	0															0	0	.000			09-10
10 57	26.730			18	0															0					10-11
11 51	26.710			18	0															0					11-12
12 56	26.670			15	0															0	2	.060			12-13
13 50	26.650			16	0															0					13-14
14 50	26.620			14	0															0					14-15
15 55	26.620			13	0	0	Cu	65												0	6	.050			15-16
16 54	26.630			12	0															0					16-17
17 50	26.640			12	0															0					17-18
18 50	26.660			14	0															0	2	.040			18-19
19 51	26.680			17	0															0					19-20
20 51	26.670			18	0															0					20-21
21 57	26.670			19	0															0	0	.010			21-22
22 50	26.665			20	0															0					22-23
23 51	26.675			23	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0357		0	0		57	45										
	0357	1	0	0	0	58	45		0								
	0719	2	0	0	0	57	42		0								
	1550	3	0	0	0	57	51		0								
	2150	4	0	0	0	56	44		0								
	MID.		0	0	0	44	40										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0357	0719	1553	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.640	26.650	26.620	26.670
BAROGRAPH 64	26.630	26.638	26.635	26.675
BAR. CORR. 65	[illegible]	[illegible]	-.015	-.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/MN 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
57	40	0	0	0	30	NE	1312					1	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0537 PST SUNSET 1801 PST

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: 1001SP / 0402P / 1927P

1256 / 820 / 134E

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 28 1997

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 (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Mbs.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0000	CLR	20			186	39	6	07	08		010	305	JS
SA	0155	CLR	20			186	38	8	06	10		009		DC
SA	0254	CLR	20			182	37	4	04	13		008		DC
SA	0350	CLR	20			185	35	8	05	10		008	605 35 RMAF 25MC	DC
SA	0450	CLR	20			183	35	7	05	10		008		DC
SA	0556	CLR	20			191	35	10	03	10		009		DC
SA	0650	CLR	20			196	41	10	05	11		012	310	DC
SA	0750	CLR	20			200	44	9	05	11		013		DC
SA	0850	CLR	20			198	47	10	03	10		013		DC
SA	0950	280-SCT	20			194	49	9	03	09		012	000 1001 34	DC
SA	1059	280-SCT	20			181	52	8	03	08		003		DC
SA	1158	280-SCT	20			169	55	7	03	10		005		DC
SA	1255	280-SCT	20			161	57	7	03	12		003	627 1001	DC
SA	1357	280-SCT	20			157	58	8	35	15		000		DC
SA	1450	280-SCT	20			143	59	9	35	08		997		DC
SA	1558	280-SCT	20			137	60	8	35	16	G23	996	622 1008 61	DC
													RHDAT 20080	
SA	1652	280-SCT	20			131	59	7	30	17		994		DC
SA	1757	280-SCT	20			138	57	7	33	16		995		DC
SA	1855	280-SCT	20			145	54	9	36	14		999	307 1008	DC
SA	1956	CLR	20			158	51	7	01	12		002		DC
SA	2055	CLR	20			170	48	7	02	11		005		DC
SA	2157	CLR	20			177	46	8	06	08		007	129 61	DC
SA	2250	CLR	20			184	40	9	05	11		008		DC
SA	2357	CLR	20			186	40	10	07	11		011		DC

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

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

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

U.S.GPO.1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAR 28 1987

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	26.685			25	0															0	3	.015			00-01
01 55	26.680			28	0															0					01-02
02 54	26.670			25	0															0					02-03
03 50	26.670			32	0															0	6	.015			03-04
04 50	26.670			33	0															0					04-05
05 56	26.680			35	0															0					05-06
06 50	26.700			28	0															0	3	.030			06-07
07 50	26.710			24	0															0					07-08
08 50	26.710			22	0															0					08-09
09 50	26.700			19	2	2	CI	280												1	0	.000			09-10
10 59	26.670			21	2															1					10-11
11 58	26.640			16	2															1					11-12
12 55	26.620			15	3	3	CI	280												1	6	.080			12-13
13 57	26.590			13	3															1					13-14
14 50	26.570			13	1															0					14-15
15 58	26.555			12	1	1	CS	280												0	6	.065			15-16
16 52	26.540			12	3															0					16-17
17 57	26.550			13	5															0					17-18
18 55	26.575			16	2	2	CS	280												0	3	.020			18-19
19 56	26.610			16	0															0					19-20
20 55	26.640			18	0															0					20-21
21 57	26.660			21	0															0	1	.085			21-22
22 50	26.670			27	0															0					22-23
23 57	26.685			29	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349		0	0		41	35										
	0349	1	0	0	0	44	35		0								
	0749	2	0	0	0	50	34		0								
	1550	3	0	0	0	61	49		0								
	2150	4	0	0	0	61	46		0								
	MID.		0	0	0	46	39										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0749	1553	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.670	26.700	26.555	26.660
BAROGRAPH 64	26.675	26.705	26.560	26.675
BAR. CORR. 65	-.005	-.005	-.005	-.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNREL 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
61	34	0	0	0	25	NW	1723					2	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 0536 PST SUNSET 1802 PST

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: 1002A/0357P / 2012P

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 29 1987

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)	OBSERVERS INITIALS (15)
SA	0055	CLR	20			191	41	10	07	09		012	314	DC
SA	0153	CLR	20			191	39	10	04	12		012		DC
SA	0254	CLR	20			191	38	9	04	11		012		DC
SA	0354	CLR	20			198	38	9	06	10		014	307 37 RAWAT 340 38	CG
SA	0457	CLR	20			208	34	10	09	10		016		CG
SA	0554	CLR	20			217	36	10	05	10		018		CG
SA	0653	CLR	20			224	42	9	05	09		020	220	CG
SA	0758	CLR	20			224	46	9	05	13		020		CG
SA	0858	CLR	20			224	49	8	05	16	G28	020		CG
SA	0952	CLR	20			231	50	4	04	16	G26	023	307 34	CG
SA	1053	CLR	20			232	53	6	06	14		023		CG
SA	1158	CLR	20			227	55	6	05	15	G24	022		CG
SA	1255	CLR	20			218	57	5	07	12	G24	019	810	CG
SA	1352	CLR	20			211	58	4	09	10		017		CG
SA	1453	CLR	20			206	60	4	10	10		016		CG
SA	1551	CLR	20			207	59	2	13	13		016	610 60 RADAT 20079	HS
SA	1650	CLR	20			210	58	2	13	14	G22	016		HS
SA	1751	CLR	20			213	55	2	12	14	G23	017		HS
SA	1850	CLR	20			212	53	3	10	16		017	303	HS
SA	1950	CLR	20			222	52	5	08	14		020		HS
SA	2050	CLR	20			228	50	5	10	10		023		HS
SA	2150	CLR	20			234	47	3	12	07		024	120 60	HS
SA	2251	CLR	20			242	42	5	14	05		026		HS
SA	2350	CLR	20			245	42	5	10	09		027		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$_1$W$_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

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

☆ U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAR 29 1987

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	TYPE 23	HEIGHT 24	SECOND LAYER AMT. 25	TYPE 26	HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	TYPE 30	HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	TYPE 34	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	26.700			28	0															0	3	.040			00-01
01 53	26.700			30	0															0					01-02
02 54	26.700			30	0															0					02-03
03 54	26.720			30	0															0	3	.040			03-04
04 59	26.740			36	0															0					04-05
05 59	26.760			33	0															0					05-06
06 53	26.780			25	0															0	2	.060			06-07
07 58	26.780			22	0															0					07-08
08 58	26.780			19	0															0					08-09
09 52	26.800			15	0															0	3	.020			09-10
10 53	26.800			15	0															0					10-11
11 58	26.790			14	0															0					11-12
12 55	26.770			12	0															0	8	.020			12-13
13 52	26.750			11	0															0					13-14
14 53	26.740			10	0															0					14-15
15 51	26.740			10	0															0	6	.030			15-16
16 50	26.740			10	0															0					16-17
17 51	26.745			12	0															0					17-18
18 50	26.750			13	0															0	3	.010			18-19
19 50	26.780			15	0															0					19-20
20 50	26.800			15	0															0					20-21
21 50	26.810			16	0															0	1	.060			21-22
22 51	26.830			21	0															0					22-23
23 50	26.840			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	53	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0850	X	0	0	X	41	37	X	X						X		
	0850	1	0	0	0	46	37		0								
	0950	2	0	0	0	50	34		0								
	1549	3	0	0	0	60	50		0								
	2148	4	0	0	0	60	46		0								
	MID.	X	0	0	0	47	42	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0854	0946	1550	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.720	26.800	26.740	26.810
BAROGRAPH 64	26.720	26.800	26.740	26.805
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	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
60	34	0	0	0	30	NE	0914					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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: 1055/1155 MT

*BAROGRAPH CHART CHANGED AND RESET TO ZERO CORR.

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 30 1987

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 (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0050	CLR	20			242	39	5	01	08		026	007	HS
SA	0151	CLR	20			242	38	4	05	07		026		HS
SA	0250	CLR	20			240	42	-2	07	07		026		HS
SA	0357	CLR	20			247	34	3	06	04		027	303 33 RAD/T 20089	CG
SA	0454	CLR	20			254	31	4	36	04		028		CG
SA	0553	CLR	20			263	31	3	05	03		030		CG
SA	0658	CLR	20			261	44	3	24	03		032	114 1601	CG
SA	0755	CLR	20			259	47	1	14	06		032		CG
SA	0851	CLR	20			254	51	0	12	17		030		CG
SA	0953	250 - SCT	20			251	53	0	13	14		029	801 1601 30	CG
SA	1054	250 - SCT	20			248	56	0	17	12		028		CG
SA	1151	250 - SCT	20			239	60	4	16	07		026		CG
SA	1255	250 - BKN	20			232	61	6	25	03		024	817 1601	CG
SA	1355	250 - BKN	20			219	65	10	25	07		020		CG
SA	1453	250 - BKN	20			208	66	11	28	05		018		CG
SA	1553	250 - BKN	20			207	65	8	21	04		017	622 1001 67 RAD/T 20104	HS
SA	1650	250 - BKN	20			208	65	7	14	07		016		HS
SA	1751	250 - BKN	20			210	61	4	18	04		016		HS
SA	1853	250 - SCT	20			205	55	2	12	05		016	602 1001	HS
SA	1953	250 - SCT	20			216	49	4	07	03		018		HS
SA	2050	CLR	20			214	48	4	08	05		018		HS
SA	2150	CLR	20			214	45	5	05	09		018	107 67	HS
SA	2251	CLR	20			211	41	7	33	04		017		HS
SA	2350	CLR	20			209	41	7	01	05		017		HS

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

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

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

U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAR 30 1987

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	26.830			23	0															0	0	.020			00-01
01 51	26.830			24	0															0					01-02
02 50	26.830			19	0															0					02-03
03 47	26.840			26	0															0	3	.010			03-04
04 54	26.850			31	0															0					04-05
05 48	26.870			30	0															0					05-06
06 48	26.880			18	0	0	Cl	1.0												0	1	[illegible]			06-07
07 45	26.880			15	0															0					07-08
08 47	26.870			12	0															0					08-09
09 53	26.880			11	2	2	Cl	250												0	5	.020			09-10
10 54	26.850			10	2															0					10-11
11 56	26.830			10	5															0					11-12
12 55	26.810			11	7	7	Cl	250												1	8	.050			12-13
13 55	26.780			11	7															1					13-14
14 53	26.760			12	6															1					14-15
15 53	26.745			11	7	7	Cl	250												1	6	.065			15-16
16 50	26.740			10	7															1					16-17
17 51	26.740			10	6															0					17-18
18 53	26.740			11	5	5	Cl	250												0	6	.065			18-19
19 53	26.760			15	3															0					19-20
20 50	26.760			17	0															0					20-21
21 50	26.760			19	0															0	1	.020			21-22
22 51	26.750			24	0															0					22-23
23 50	26.750			24	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 0555	X	0	0	X	43	33	X	X						X		
	0555	1	0	0	0	41	33		0								
	0950	2	0	0	0	53	30		0								
	1551	3	0	0	0	67	53		0								
	2148	4	0	0	0	65	43		0								
	MID.	X	0	0	0	45	39	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0357	0953	1552	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.840	26.860	26.745	26.760
BAROGRAPH 64	26.840	26.860	26.745	26.760
BAR. CORR. 65	0	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	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
67	30	0	0	0	20	SE	0724					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 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: 1070SP1 1653H

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 31 1987

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-°) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVERS INITIALS (15)
SA	0050	CLR	20			209	41	7	05	05		017	603	HS
SA	0153	CLR	20			205	37	9	02	04		016		HS
SA	0250	CLR	20			199	39	5	30	03		015		HS
SA	0358	CLR	20			194	41	6	05	04		014	710 1001 36 RAWT 20108	CG
SA	0455	250-SCT	20			196	39	6	04	05		014		CG
SA	0557	250-SCT	20			198	38	8	02	04		014		CG
SA	0653	250-SCT	20			200	50	9	18	02		015	303 1001	CG
SA	0754	250-SCT	20			199	56	6	12	12		015		CG
SA	0857	250-SCT	20			198	60	6	12	11		015		CG
SA	0953	250-BKN	20			193	64	8	14	12		014	803 1101 36	CG
SA	1051	250-BKN	20			191	65	9	11	09		013		CG
SA	1154	250-BKN	20			182	69	11	12	13		011		CG
SA	1259	250-BKN	20			172	71	13	12	08		008	817 1101	CG
SA	1356	120 SCT 250-BKN	20			162	72	15	12	05		005		CG
SA	1453	120 SCT 250-OVC	20			154	71	15	14	02		003		CG
SA	1553	120 SCT 250-BKN	20			146	71	12	13	07		001	724 1032 73 RADAT 20114	HS
SA	1650	120 SCT 250-SCT	20			146	70	12	08	09		001		HS
SA	1750	250-BKN	20			149	67	12	13	06		001	FEW AC	HS
SA	1850	250-SCT	20			147	59	14	10	07		001	400 1001	HS
SA	1950	250-SCT	20			153	55	16	09	07		003		HS
SA	2050	CLR	20			153	53	16	10	07		003		HS
SA	2150	CLR	20			152	50	16	07	04		003	107 73	HS
SA	2250	CLR	20			149	46	16	04	03		002		HS
SA	2350	CLR	20			145	45	16	09	06		001		HS

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

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8$N_hC_LC_MC_H$ plus regional and national data groups.

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAR 31 1987

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	26.750			24	0															0	6	.010			00-01
01 53	26.740			30	0															0					01-02
02 50	26.730			24	0															0					02-03
03 58	26.720			23	0	0	Ci	250												0	7	.030			03-04
04 55	26.720			25	3															0					04-05
05 57	26.720			28	3															0					05-06
06 53	26.730			19	5	5	Ci	250												0	3	.010			06-07
07 54	26.730			13	5															0					07-08
08 57	26.730			11	4															0					08-09
09 53	26.720			11	8	0	Cu	60	8	Ci	250	8								0	8	.010			09-10
10 51	26.710			11	8															0					10-11
11 54	26.690			10	8															0					11-12
12 59	26.670			11	8	0	Cu	60	8	Ci	250	8								1	8	.050			12-13
13 56	26.640			11	9															2					13-14
14 53	26.620			12	10															4					14-15
15 53	26.600			11	9	1	Ac	120	8	Ci	250	9								4	7	.070			15-16
16 50	26.600			11	4															1					16-17
17 50	26.600			11	6															0					17-18
18 50	26.600			17	3	3	Ci	250												0	4	.000			18-19
19 50	26.620			21	3															0					19-20
20 50	26.620			23	0															0					20-21
21 50	26.620			26	0															0	1	.020			21-22
22 50	26.610			30	0															0					22-23
23 50	26.610			31	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 0256	X	0	0	X	44	36	X	X						X		
	0556	1	0	0	0	45	36		0								
	0951	2	0	0	0	64	38		0								
	1551	3	0	0	0	73	63		0								
	2147	4	0	0	0	72	48		0								
	MID.	X	0	0	0	50	45	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0558	0957	1552	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.740	26.720	26.600	26.620
BAROGRAPH 64	26.720	26.710	26.600	26.625
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 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
73	36	0	0	0	20	E	1111					7	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 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: 1053Z/1154Z