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: January

YEAR: 1987

LATITUDE: 36° 37' N

LONGITUDE: 116° 01' W

GROUND ELEVATION (H): 3298 FT.

STANDARD TIME: Pacific

DAY	TEMPERATURE °F MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	DEGREE DAYS (Base 65°) HEATING	COOLING	PRECIPITATION (In.) TOTAL (Water equivalent)	SNOWFALL, ICE PELLETS	SNOW, ICE PELLETS OR ICE ON GROUND AT	WIND AVERAGE SPEED Knots	PEAK SPEED Knots	DIRECTION	SUNSHINE Ave. Stn. Pressure	PERCENT OF POSSIBLE	SKY COVER SUNRISE TO SUNSET (Tenths)	WEATHER OCCURRENCES	RH 04	10	16	22
1	2	3	4	5	6a	6b	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	53	30	42		23				0	2.6	8	NE	26.65		10		56	35	30	51
2	58	29	44		21				0	5.4	17	N	26.77		6		63	22	15	37
3	64	29	47		18				0	8.0	24	S	26.63		9		47	27	12	20
4	54	37	46		19		0.45		0	6.9	20	E	26.39		10	RW-, R-, F	30	36	82	96
5	47	34	41		24		0.16		0	6.3	15	SW	26.42		10	R, F, RW-	90	96	71	98
6	47	31	39		26		0.08	0.2	0	4.2	13	SW	26.62		6	RW-, S-, R-	93	74	70	99
7	40	32	36		29		0.14	1.2	0	7.5	14	NE	26.64		8	S-	100	92	70	64
8	44	29	37		28				0	10.5	20	NE	26.82		0		66	54	50	56
9	43	28	36		29				0	12.3	20	NE	26.94		0		53	48	44	34
10	51	31	41		24				0	13.0	25	NE	26.94		0		32	29	28	38
11	56	33	45		20				0	6.3	19	NE	26.89		0		35	26	19	61
12	54	26	40		25				0	4.0	11	SE	26.82		0		71	31	26	57
13	51	30	41		24				0	7.1	27	NE	26.70		9		72	46	34	44
14	50	28	39		26				0	9.4	23	NE	26.62		0		45	25	16	32
15	35	26	31		34				0	12.5	24	NE	26.40		6		43	39	38	39
16	32	22	27		38				0	10.5	26	NE	26.52		9		44	35	33	38
17	44	18	31		34				0	8.2	21	NE	26.73		0		39	20	26	45
18	51	30	41		24				0	7.0	23	NE	26.74		6		49	39	37	69
19	46	29	38		27				0	13.0	35	N	26.67		3		62	33	24	39
20	43	26	35		30				0	11.6	28	NE	26.88		0		35	24	18	25
21	57	22	40		25				0	5.5	18	N	26.83		0		35	22	20	53
22	55	26	41		24				0	6.0	15	SE	26.69		9		45	28	21	44
23	56	32	44		21				0	6.5	22	SW	26.47		2		43	20	29	52
24	56	28	42		23				0	2.8	8	SW	26.72		9		72	46	32	57
25	62	31	47		18				0	3.4	8	NW	26.80		10		69	35	24	70
26	64	31	48		17				0	5.0	16	SE	26.86		1		81	37	23	48
27	65	41	53		12		T		0	9.9	39	SW	26.60		9	RW-	60	33	29	34
28	60	47	55		10				0	14.5	38	S	26.53		7		42	35	26	30
29	60	38	49		16				0	5.5	12	NE	26.61		7		34	25	29	56
30	58	35	47		18				0	3.8	12	NE	26.53		9		58	46	36	50
31	61	37	49		16				0	8.4	21	NE	26.63		5		65	39	15	39
SUM	1619	946	—	—	723	0	0.83	1.4	—	237.6	—	—	827.16	—	160	—	1729	1197	1025	1575
AVG	52.2	30.5	—	—	—	—	—	—	—	7.7	FASTEST	DIRECTION		%		—	56	39	33	51
										MISC. →	39	SW	26.68		5.2	—				

TEMPERATURE DATA

AVERAGE MONTHLY 41.4

DEPARTURE FROM NORMAL -2.2

HIGHEST 65 ON 27

LOWEST 18 ON 17

NUMBER OF DAYS WITH -

MAX. 32° OR BELOW 1

MAX. 90° OR ABOVE 0

MIN. 32° OR BELOW 23

MIN. 0° OR BELOW 0

HEATING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 723

DEPARTURE FROM NORMAL 70

SEASONAL TOTAL 1950

DEPARTURE FROM NORMAL 129

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 0.83 IN.

DEPARTURE FROM NORMAL -0.13 IN.

GREATEST IN 24 HRS. 0.45 ON 4

SNOWFALL, ICE PELLETS

TOTAL FOR THE MONTH 1.4 IN.

GREATEST IN 24 HRS. 1.2 ON 7

GREATEST DEPTH ON GROUND 0 ON —

WEATHER

NUMBER OF DAYS -

CLEAR (Scale 0-3) 12

PARTLY CLOUDY (Scale 4-7) 7

CLOUDY (Scale 8-10) 12

WITH 0.01 INCH OR MORE PRECIP. 4

WITH 0.10 INCH OR MORE PRECIP. 3

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 = thunder-storm

MAXIMUM PRECIPITATION

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

HIGHEST Stn. 26.99 IN. ON 10

LOWEST Stn. 26.23 IN. ON 5

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. 1978-765-092/1

MF 1-10A (R-84)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JAN 1 1987

TIME CONVERSION: 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 (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (15)
SA	0052	250 -BKN	20			189	37	18	28	05		010	105 1008	WRG
SA	0152	250 -SCT	20			184	35	17	13	04		008		WRG
SA	0250	250 -SCT	20			183	34	17	34	04		007		WRG
SA	0349	250 - SCT	20			193	32	18	01	05		010	500 1001 32 RADAT 49095	AD
SA	0449	250 - SCT	20			195	32	19	00	00		010		AD
SA	0549	250 - SCT	20			197	32	18	00	00		010		AD
SA	0649	250 - SCT	20			198	31	18	00	00		010	400 1001	AD
SA	0749	250 - ~~SCT~~ BKN	20			200	33	20	00	00		010		AD
SA	0849	250 - BKN	20			205	39	20	00	00		012		AD
SA	0949	E250 OVC	20			202	44	18	00	00		012	107 1002 30	AD
SA	1049	E250 OVC	20			190	50	17	14	03		010		AD
SA	1149	E150 BKN 250 OVC	20			185	50	17	29	03		007		AD
SA	1249	E150 BKN 250 OVC	20			166	52	18	28	05		003	827 1022	AD
SA	1349	E150 BKN 250 OVC	20			160	51	19	20	03		001		AD
SA	1449	150 SCT E250 OVC	20			165	51	18	26	05		002		AD
SA	1552	E150 BKN 250 OVC	20			162	50	20	25	05		001	BINOVC SW/ 807 1072	
													53 RADAT 47116	WRG
SA	1652	E150 BKN 250 BKN	20			165	47	18	16	04		001		WRG
SA	1752	150 SCT 250 - BKN	20			171	43	21	07	05		002		WRG
SA	1852	150 SCT 250 - SCT	20			173	40	20	00	00		002	103 1071	WRG
SA	1952	150 SCT	20			179	36	21	06	04		003		WRG
SA	2050	250 - SCT	20			183	37	20	00	00		005		WRG
SA	2152	250 - SCT	20			184	36	20	00	00		006	214 1001 53	WRG
SA	2252	250 - SCT	20			182	35	20	06	04		006		WRG
SA	2352	250 - SCT	20			183	33	20	03	03		006		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: VEMO, DESERT ROCK NEVADA

DATE: JAN 1 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	26.680			46	6	6	CS	250																	00-01
01 52	26.665			48	2															3	1	.015			01-02
02 50	26.660			49	2															1					02-03
03 49	26.680			56	2	2	Ci	250												1					03-04
04 49	26.680			58	2															0	5	.000			04-05
05 49	26.680			56	2															0					05-06
06 49	26.680			58	5	5	Ci	250												0					06-07
07 49	26.680			59	8															2	4	.000			07-08
08 49	26.700			46	9															3					08-09
09 49	26.700			35	10	10	Ci	E250												3					09-10
10 49	26.680			27	10															8	1	.020			10-11
11 49	26.660			27	10															8					11-12
12 49	26.620			26	10	6	AS	E150	4	Ci	250	10								10					12-13
13 49	26.600			28	10															10	8	.080			13-14
14 49	26.610			27	10															10					14-15
15 52	26.600			30	10	6	AC	E150	4	Ci	250	10								10					15-16
16 52	26.600			32	9															8	8	.020			16-17
17 52	26.610			42	7															7					17-18
18 52	26.610			45	5	2	AC	150	3	Ci	250	5								3					18-19
19 52	26.620			56	1															2	1	.010			19-20
20 50	26.640			50	4															1					20-21
21 52	26.650			51	4	4	Ci	250												1					21-22
22 52	26.650			55	3															2	2	.040			22-23
23 52	26.650			56	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 0345		0	0		37	32										
	0345	1	0	0	0	38	32		0								
	0945	2	0	0	0	45	30		0								
	1548	3	0	0	0	53	44		0								
	2148	4	0	0	0	50	35		0								
	MID.		0	0	0	36	33										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0850	0950	1850	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.680	26.700	26.600	26.650
BAROGRAPH 64	26.660	26.680	26.600	26.640
BAR. CORR. 65	+.020	+.020	±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 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
53	30	0	0	0	8	NE	2309					10	6		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0657 SUNSET 1638

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 0500/ +1 SEC / 2303 /

0749 / 0749

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: JAN 02 1987

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

TYPE (1)	TIME (EST) (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 (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0052	250 -SCT	20			186	33	20	13	05		008	305 1001	WRG
SA	0152	CLR	20			201	32	20	05	04		012	FEW CI SE	WRG
SA	0250	250 -SCT	20			214	31	20	00	00		015		WRG
SA	0349	250 -SCT	20			214	30	19	36	05		015	122 1001 30 RADAT 20095	AD
SA	0449	250 -SCT	20			216	30	18	03	04		015		AD
SA	0549	250 -SCT	20			224	34	18	05	04		017		AD
SA	0649	250 -SCT	20			235	31	18	13	03		019	314 1001	AD
SA	0749	250 -BKN	20			240	39	19	10	04		022		AD
SA	0849	250 - BKN	20			245	49	18	34	03		025		AD
SA	0949	250 - SCT	20			249	50	13	34	10		026	120 1001 29	AD
SA	1049	250 - SCT	20			248	52	12	01	11		026		AD
SA	1149	250 - SCT	20			232	55	12	02	11		022		AD
SA	1249	250 - BKN	20			220	56	9	02	09		018	824 1001	AD
SA	1349	E 250 OVC	20			216	57	9	01	10		017		AD
SA	1449	E 250 OVC	20			217	56	9	04	09		017		AD
SA	1552	E 250 OVC	20			221	57	10	06	09		018	500 1007 58 RADAT 20098	WRG
SA	1652	E 250 OVC	20			232	53	12	09	05		021		WRG
SA	1752	E 250 OVC	20			238	48	15	07	05		022		WRG
SA	1852	250 -OVC	20			239	47	15	11	08		022	110 1001	WRG
SA	1952	250 -BKN	20			240	43	13	00	00		023		WRG
SA	2050	250 -SCT	20			235	42	13	09	07		023		WRG
SA	2152	CLR	20			238	38	14	03	04		023	103 1005 58	WRG
SA	2252	CLR	20			235	39	15	13	04		023	FEW CI SE	WRG
SA	2352	CLR	20			238	33	15	00	00		023		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 1-10A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/60085

MF1-10B
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NEVADA

DATE: JAN 02 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.
0052	26.665			59	2	2	Cl	250												1	3	.015			00-01
0152	26.700			62	0															0					01-02
0250	26.730			63	2															1					02-03
0349	26.730			63	2	2	Cl	250												0	1	.065			03-04
0449	26.730			61	2															0					04-05
0549	26.750			52	2															0					05-06
0649	26.770			58	3	3	Cl	250												1	3	.040			06-07
0749	26.790			44	6															2					07-08
0849	26.820			29	6															2					08-09
0949	26.830			22	2	2	Cl	250												0	1	.060			09-10
1049	26.830			20	2															0					10-11
1149	26.790			18	2															0					11-12
1249	26.760			15	6	6	Cl	250												2	8	.070			12-13
1349	26.750			15	10															8					13-14
1449	26.750			15	10															9					14-15
1552	26.760			15	10	10	CS	E250												8	5	.000			15-16
1652	26.740			19	10															7					16-17
1752	26.790			26	10															8					17-18
1852	26.790			27	10	10	Cl	250												5	1	.030			18-19
1952	26.800			30	8															4					19-20
2050	26.800			30	4															2					20-21
2152	26.800			37	0	0	Cl	250												0	1	.010			21-22
2252	26.800			38	0															0					22-23
2352	26.800			47	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	33	30	X	X						X		
	0345	1	0	0	0	36	30		0								
	0945	2	0	0	0	30	29		0								
	1548	3	0	0	0	58	50		0								
	2148	4	0	0	0	57	38		0								
	MID.	X	0	0	0	41	33	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.730	26.830	26.760	26.800
BAROGRAPH 64	26.720	26.820	26.760	26.795
BAR. CORR. 65	+.010	+.010	±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	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 SUN. RISE TO SUNSET 78	SKY COVER MID-NIGHT TO MID-NIGHT 79	WATER EQUIV. (Ins.) 80	81
58	29	0	0	0	17	N	1207					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 0658 SUNSET 1639

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 0400 / 1502 / 2017 /

MF 1 10A (5-63)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JAN 03 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	0052	CLR	20			227	33	14	34	04		021	807 1005	WRG
SA	0152	CLR	20			221	32	14	02	05		018		WRG
SA	0250	CLR	20			217	32	15	05	07		017		WRG
SA	0349	CLR	20			212	33	15	00	00		016	714 31 RADAT 20097	AD
SA	0449	CLR	20			216	31	15	00	00		016		AD
SA	0549	CLR	20			218	32	15	00	00		016		AD
SA	0649	~~CLR~~ 250 - SCT	20			220	31	15	02	07		016	400 1001	AD
SA	0749	250 - BKN	20			212	35	17	07	05		014		AD
SA	0849	E 250 OVC	20			210	41	16	35	06		014		AD
SA	0949	E 250 OVC	20			208	47	15	00	00		014	607 1007 29	AD
SA	1049	E 250 OVC	20			194	51	14	26	04		011		AD
SA	1149	E 250 OVC	20			175	54	15	10	03		005		AD
SA	1249	250 - OVC	20			144	63	12	23	12		997	PRESFR / 851 1001	AD
SA	1349	250 - OVC	20			140	64	6	21	12		996		AD
SA	1449	250 - OVC	20			132	63	7	22	18		994		AD
SA	1552	160 SCT 230 - BKN	20			121	61	9	21	12G	20	991	720 1041 64 RADAT 24099	WRG
SA	1652	160 SCT 230 - BKN	20			136	57	9	21	10G	18	994		WRG
SA	1752	230 - BKN	20			133	55	9	19	10G	18	993		WRG
SA	1852	230 - OVC	20			137	56	10	21	12G	20	994	210 1007	WRG
SA	1952	140 SCT 230 - BKN	20			132	56	13	21	15		993		WRG
SA	2050	120 SCT 230 - BKN	20			125	55	14	21	18		992		WRG
SA	2152	120 SCT 230 SCT	20			122	54	14	23	13		992	607 1078 64	WRG
SA	2252	120 SCT 230 - SCT	20			116	53	15	22	10		991		WRG
SA	2352	120 SCT 230 - BKN	20			108	51	15	23	10		988		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 $i_R i_x h$VV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

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

☆ U.S.GPO:1984-0-764-006/6065

MF1-10B
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JAN 03 1987

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

TIME (L.S.T.) 10	STATION PRESSURE 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 HGHT. 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HGHT. 27	SUM. TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HGHT. 31	SUM. TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HGHT. 35	TOTAL COVER 36	PRESSURE 37	NET SUM. 38	SUM. 39	PRECI. 40	HR.
00 52	26.780			45	0	0	CI	250												0	8	.020			00-01
01 52	26.760			46	0															0					01-02
02 50	26.750			50	0															0					02-03
03 49	26.740			47	0															0	7	.040			03-04
04 49	26.740			51	0															0					04-05
05 49	26.740			49	0															0					05-06
06 49	26.740			51	2	2	CI	250												0	4	.000			06-07
07 49	26.720			48	8															3					07-08
08 49	26.720			36	10															6					08-09
09 49	26.720			27	10	10	CS	E25D												6	6	.020			09-10
10 49	26.690			23	10															6					10-11
11 49	26.640			21	10															6					11-12
12 49	26.570			13	10	10	CS	250												3	8	.150			12-13
13 49	26.560			10	10															3					13-14
14 49	26.540			11	10															3					14-15
15 52	26.510			12	7	1	ACSL	160	6	CI	230	7								3	7	.060			15-16
16 52	26.540			14	8															3					16-17
17 52	26.530			16	8															4					17-18
18 52	26.540			16	10	10	CS	230												4	2	.030			18-19
19 52	26.530			18	9															4					19-20
20 50	26.520			19	8															4					20-21
21 52	26.520			20	5	2	AC	120	3	CS	230	5								3	6	.020			21-22
22 52	26.510			22	5															2					22-23
23 52	26.490			23	8															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 0345		0	0		35	31										
	0845	1	0	0	0	41	31		0								
	0945	2	0	0	0	47	29		0								
	1548	3	0	0	0	64	47		0								
	2148	4	0	0	0	61	54		0								
	MID.		0	0	0	60	51										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0850	0950	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.740	26.720	26.510	26.520
BAROGRAPH 64	26.730	26.705	26.520	26.505
BAR. CORR. 65	+.010	+.015	-.010	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
64	29	0	0	0	24	5	1725					9	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 0658 SUNSET 1640

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 0943 / 2 337 /
0649/0649

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: WSMO, DESERT ROCK NEVADA

DATE: JAN 04 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 of Deg.) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
RS SA	0052	E120 BKN 250 OVC	20			097	48	17	12	07		986	/WND SHFT 14/717 1508	RC
SA	0152	E120 BKN 250 OVC	20			087	53	19	29	08		985		RC
SA	0250	E120 BKN 250 OVC	20			077	49	21	33	03		981		RC
SA	0355	E65 BKN 160 OVC	20			073	49	19	19	04		980	722 152/ 48 RAMT 64035	RD
SA	0450	E65 BKN 160 OVC	20			069	48	20	05	05		980		RD
SA	0556	M50 BKN 160 OVC	20			076	47	22	23	04		980		RD
SA	0652	M55 BKN 160 OVC	20			075	51	25	24	06		980	302 152/	RD
SA	0751	M55 BKN 160 OVC	20			074	52	23	23	07		980		RD
SA	0855	M55 BKN 160 OVC	20			074	51	24	15	07		980		RD
SA	0951	M48 BKN 140 OVC	20			078	52	26	24	15		981	RWY NW/302 152/ 41	RD
SA	1057	M31 BKN 140 OVC	10		RW-	091	45	35	29	10		983	RB03	RD
SP	1109	M23 BKN 50 OVC	7		RW-				26	10		984		RD
SP	1134	25 SCT M35 OVC	7		R-				27	08		984		RD
SA	1156	23 SCT E32 OVC	7		R-	085	43	31	36	05		981		RD
SA	1255	24 SCT E35 OVC	7		R-	085	43	37	05	05		980	70210 17//	RD
SA	1353	25 SCT M45 OVC	10		R-	090	43	34	32	04		977		RD
SA	1451	23 SCT E32 OVC	7		R-	081	43	40	36	06		979		RD
SA	1552	30 SCT M38 OVC	15		R-	068	44	39	10	07		976	FEW CUFRA 12 / 81419	MG
—	—												14// 54 RADAT 92065	—
RS	1653	7 SCT M26 OVC	5		R-F	069	44	37	11	12	G19	976		MG
SA	1753	7 SCT M26 OVC	5		R-F	066	42	39	11	08		974		MG
SA	1850	7 SCT 14 SCT M28 OVC	20			057	42	38	36	08		972	RE33 / 81008 15//	MG
SA	1953	7 SCT M21 OVC	10		R-	053	41	40	06	06		971	RB43	MG
RS	2058	7 SCT M14 BKN 21 OVC	10		R-	062	40	38	05	09		973	PRPN VRY LGT	MG
SA	2153	7 SCT M14 OVC	5		R-	062	39	38	04	07		973	30311 17// 60	MG
RS	2250	M9 BKN 14 OVC	5		R-F	063	38	37	04	04		972		MG
RS	2353	9 SCT M14 BKN 55 OVC	10		R-	042	37	35	04	11		966	PRESFR	MG

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

FM12-VII: IIiii $i_R i_x hVV$ Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8N$_h$C$_L$ C$_M$C$_H$ plus regional and national data groups.

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JAN 04 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	26.470			29	10	7	SC	E120	3	CS	250	10								10	7	.050			00-01
01 52	26.455			26	10															8					01-02
02 50	26.420			33	10															9					02-03
03 55	26.405			30	10	6	SC	M55	4	AS	160	10								10	7	.065			03-04
04 50	26.405			33	10															10					04-05
05 56	26.405			34	10															10					05-06
06 52	26.410			36	10	8	SC	M55	2	AS	160	10								10	5	.005			06-07
07 51	26.405			32	10															10					07-08
08 55	26.405			35	10															10					08-09
09 51	26.415			36	10	4	SC	M48	1	AS	140	10								10	3	.005			09-10
10 57	26.435			68	10															10					10-11
11 56	26.445			86	10															10					11-12
12 55	26.410			80	10	4	STRA	24	6	STRA	E35	10								10	7	.005			12-13
13 53	26.380			86	10															10					13-14
14 51	26.400			90	10															10					14-15
15 52	26.370			82	10	0	CUFRA	12	2	SC	30	2	10	SC	M38	10				10	8	.040			15-16
16 53	26.370			76	10															10					16-17
17 53	26.360			89	10															10					17-18
18 50	26.340			86	10	1	CUFRA	7	1	CUFRA	14	2	10	SC	M28	10				10	8	.030			18-19
19 53	26.330			96	10															10					19-20
20 58	26.350			93	10															10					20-21
21 53	26.350			96	10	3	CUFRA	7	10	CUFRA	M14	10								10	3	.010			21-22
22 50	26.340			96	10															10					22-23
23 53	26.280			93	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 0351	X	0	0	X	54	48	X	X						X		
	0351	1	0	0	0	60	49		0								
	0947	2	0	0	0	54	47		0								
	1545	3	.19	0	0	52	43		2								
	2147	4	.11	0	0	45	39		2								
	MID.	X	.15	0	0	39	37	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0950	1552	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.405	26.410	26.370	26.350
BAROGRAPH 64	26.370	26.400	26.360	26.330
BAR. CORR. 65	+.010	+.010	+.010	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
54	37	.45	0	0	20	E	1632					10	10		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1003	1120			
R-	1120	1833			
F	1640	1833			
R-	1943	CONT.			
F	2240	2340			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0658 SUNSET 1640

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: / 0739 / 1933 /

0052 / RS / 2355

☆ 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, NY

DATE: JAN 05 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. (Mb.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100's of Deg.) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. TAKEN BY (15)
	RS	0057	7SCT M20 OVC	15			041	39	36	33	06		966	RE15/62415 17//	RD
	SA	0150	7SCT M20 OVC	10		R-	037	38	37	01	04		965	RB27	RD
	RS	0252	7SCT E14 OVC	5		R-F	031	36	33	03	04	E	962		RD
	SA	0350	7SCT E14 OVC	15			025	37	34	04	05	E	961	RE30/71422 17// 36	RD
														20052	
RS	SA	0459	7 SCT E20 OVC	15			025	38	36	04	05	E	961		RD
	SA	0554	10 SCT M22 OVC	10			021	39	38	33	04		960		RD
	RS	0653	5 SCT M12 OVC	7			031	39	38	00	00		963	307 17//	RD
	SP	0716	7 SCT M19 BKN 22 OVC	7						00	00		963		RD
	SA	0851	5 SCT M19 BKN 40 OVC	7		R-	039	40	39	25	08		966	RB40	RD
	SA	0852	5 SCT M19 BKN 40 OVC	10		R- 039	045	40	39	25	09		970		RD
SP	SA	0924	5 SCT M14 BKN 20 OVC	7		R-				25	09		972		RD
	SA	0954	5 SCT M14 BKN 20 OVC	7		R-	074	39	38	26	08		971	33404 17// 36	RD
	RS	1055	3 SCT M8 BKN 20 OVC	7		R-	084	39	39	24	10		977	RE26 B47	RD
	SP	1115	5 SCT M11 BKN 40 OVC	10						25	10		979	RE11	RD
	RS	1155	5 SCT M16 BKN 45 OVC	20			087	42	38	24	10		979	RE11	RD
	SP	1228	7 SCT M33 BKN 140 BKN	20						25	10		974		RD
	SA	1252	10 SCT 40 SCT 120 SCT E20 BKN	20			085	44	37	22	11		979	21401 1578	RD
	SA	1352	M41 BKN 200 BKN	20			094	46	36	24	12		981		RD
	SA	1451	M41 BKN	20			101	46	36	24	10		983		RD
	SA	1550	M38 BKN 140 OVC	20		RW-	117	45	36	24	06		988	TEW N-NE RB45 / 32701	RD
														126/41 BINOVI R0024	
	SA	1650	14 SCT M38 OVC	20			136	40	36	19	07		992	RE38 RWU SWU ALGDS	RD
	SP	1748	10 SCT M22 BKN 38 OVC	15		RW-				22	08		996		RD
	RS	1753	10 SCT 22 SCT M32 BKN	20			150	40	36	25	08		997	RB43E53 4	RD
	SA	1858	22 SCT M 75 BKN	20			156	41	35	34	04		999	13404 1500	RD
	SA	1950	75 SCT	20			159	36	35	12	03		999		RD
	SA	2050	M45 BKN 75 BKN	20			168	35	34	04	04		001		RD
	SA	2157	45 SCT	20			174	34	34	07	04		003	31204 1400 47	RD
	SA	2250	M35 BKN 50 OVC	20			178	37	35	13	07		004		RD
	SA	2350	55 SCT	20			181	37	34	03	03		005		RD

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$_2$ 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:1984-0-764-005/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JAN 05 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 TEND. ENCY 37	NET 3 HR. CHANGE (Ins.) 38	SUN SHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 57	26.280			89	10	3	CUFRA	7	10	CUFRA	M20	10								10	6	.070			00-01
01 50	26.270			96	10															10					01-02
02 52	26.250	36.3	35.0	89	10															10					02-03
03 50	26.240	36.7	35.5	90	10	2	CUFRA	7	10	CUFRA	E14	10								10	7	.040			03-04
04 59	26.240			92	10															10					04-05
05 54	26.230			97	10															10					05-06
06 53	26.260			94	10	4	CuFRA	5	6	CuFRA	M12	10								10	3	.020			06-07
07 51	26.280			97	10															10					07-08
08 52	26.320			97	10															10					08-09
09 54	26.360			96	10	4	CuFRA	5	5	CuFRA	M14	9	1	CUFRA	20	10				10	3	.100			09-10
10 55	26.385			100	10															10					10-11
11 55	26.375			86	10															10					11-12
12 52	26.400			76	9	1	CuFRA	10	2	Sc	40	3	1	Ac	120	4	5	Cs	E200	8	2	.040			12-13
13 52	26.420			68	9															7					13-14
14 51	26.440			68	9															7					14-15
15 50	26.480			71	10	7	TCU	M38	3	Ac	140	10								9	3	.080			15-16
16 50	26.520			86	10															10					16-17
17 55	26.560			86	9															9					17-18
18 58	26.580			79	8	3	CUFRA	22	5	Sc	M75	8								8	1	.100			18-19
19 50	26.580			96	3															3					19-20
20 50	26.600			96	7															7					20-21
21 57	26.615			98	3	3	Sc	45												3	3	.035			21-22
22 50	26.630			93	10															10					22-23
23 50	26.640			89	3															3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	.07	0	X	39	36	X	X						X		
	0345	1	.22	0	0	39	36		2								
	0948	2	.04	0	0	40	37		2								
	1545	3	.01	0	0	47	39		1								
	2150	4	.04	0	0	45	34		1								
	MID.	X	0	0	0	37	34	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0953	1550	2157
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.240	26.360	26.480	26.615
BAROGRAPH 64	26.225	26.360	26.475	26.595
BAR. CORR. 65	+.015	.00	+.005	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Mph) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) 75	76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
47	34	.16	0	0	15	SW	1410					10	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
R	CONT	0345			
F	[illegible]	1330			
F	0230	0330			
R-	0740	1026			
R-	1047	1111			
RW-	1545	1638			
RW-	1743	1753			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0657 SUNSET 1642

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: 1051B / 1858 /

POWER FAILURE 0220 Power Restored 0438

0924/0924 0459/RS /1530

0852/SLP 054 / 0950

Changed Microbarograph at 0953 LST

1858/1400/1858

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: JAN 06 1987

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

TYPE (1)	TIME (EST) (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 CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. NEEDED (15)
SA	0055	55 SCT 250-BKN	20			184	35	34	06	03		007	212 1401	RD
SA	0155	M45 BKN	20			178	36	35	06	06		005		RD
SA	0250	45 SCT 250 SCT	20			174	35	34	22	03		004		RD
SA	0353	55 SCT 200 SCT	20			176	34	32	12	06		004	607 1508 33 20009	RD
—	—	—	—			—	—	—				—	RADAT 88057	—
SA	0455	55 SCT 200 SCT	20			178	32	32	00	00		003		RD
SA	0552	55 SCT 200 SCT	20			178	33	32	00	00		004		RD
SA	0652	55 SCT	20			186	31	31	11	05		006	305 1500	RD
SA	0752	55 SCT 200 SCT	20			192	33	31	08	05		007		RD
SA	0854	200 SCT	20			184	38	33	02	03		005		RD
SA	0957	50 SCT 200 SCT	20			182	43	35	14	10		005	602 1505 31	RD
SA	1051	50 SCT E200 BKN	20			173	43	31	18	08		004		RD
SA	1150	50 SCT E200 BKN	20			169	45	34	24	06		003		RD
SA	1254	M33 BKN 200 BKN	20			160	45	33	28	03		000	717 1508	RD
SA	1355	M35 BKN 200 BKN	20			158	44	31	05	05		999		RD
SA	1452	M50 BKN 200 OVC	20			160	45	32	20	05		000		RD
SA	1554	28 SCT M41 OVC	20			166	43	34	23	05		001	SWO SE-S / 303 14// 47	RD
—	—												RADAT 76056	—
SA	1655	13 SCT M32 OVC	20			168	42	35	12	03		001	RB12E28	RD
SA	1755	14 SCT M38 OVC	20			168	40	36	22	07		001		RD
SP	1830	14 SCT M28 OVC	20		RW-				25	08		001	PCPN VRY LGT	RD
SA	1850	14 SCT M28 OVC	20			172	39	36	00	00		002	RB27E39 / 30200 15//	RD
SP	1930	M7 BKN 14 OVC	20		RW-				23	11		002		RD
SA	1950	M7 BKN 14 BKN 50 OVC	20		RW-	174	37	35	25	07		002	RB22 PCPN VRY LGT	RD
SA	2055	M7 BKN 13 BKN 38 OVC	10		RW-	172	37	35	32	03		002		RD
SP	2120	W7X	5		S-				05	05		001		RD
RS	2153	7 SCT 13 SCT M38 OVC	10		R-S-	166	35	35	04	04		001	RE17B31 SB17 / 80205	RD
—	—												15// 47	—
RS	2257	M14 BKN 32 OVC	15			165	36	35	29	03		001	RE05 SE05	RD
SP	2340	W5X	3		S-				00	00		000		RD
SA	2353	W5X	3		S-	157	34	34	00	00		999	SB35	RD

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

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

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

☆ U.S.GPO.1984-0-764-006/6085

MF1-10B
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NEVADA

DATE: JAN 06 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 55	26.650			96	7	3	SC	55	4	CI	250	7								3	2	.035			00-01
01 55	26.640			96	7															7					01-02
02 50	26.630			96	4															3					02-03
03 53	26.630			93	5	2	SC	55	3	CS	200	5								3	6	.020			03-04
04 55	26.620			98	4															3					04-05
05 52	26.625			98	2															2					05-06
06 52	26.645			99	1	1	SC	55												1	3	.015			06-07
07 52	26.650			93	1															1					07-08
08 54	26.640			83	1															1					08-09
09 57	26.640			74	2	1	SC	50	1	CI	200	2								2	6	.005			09-10
10 51	26.625			63	7															5					10-11
11 50	26.615			66	7															5					11-12
12 54	26.570			60	9	6	SC	M33	3	CS	200	9								9	7	.050			12-13
13 55	26.585			60	9															9					13-14
14 52	26.590			60	10															9					14-15
15 54	26.600			70	10	3	CUFRA	28	10	SC	M41	10								10	3	.010			15-16
16 55	26.600			76	10															10					16-17
17 55	26.600			86	10															10					17-18
18 50	26.605			89	10	2	CUFRA	14	10	SC	M28	10								10	3	.005			18-19
19 50	26.610			92	10															10					19-20
20 55	26.610			92	10															10					20-21
21 53	26.600			99	10	3	CUFRA	7	2	CUFRA	13	5	10	SC	M38	10				10	8	.005			21-22
22 57	26.600			99	10															10					22-23
23 57	26.580			100	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 0348		0	0		37	33										
	0348	1	0	0	0	37	33		1								
	0947	2	0	0	0	43	31		1								
	1550	3	0	0	0	47	42		1								
	2148	4	·05	XT	0	43	35		2								
	MID.		·03	E·2	T	36	34										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0956	1554	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.630	26.640	26.600	26.600
BAROGRAPH 64	26.625	26.640	26.590	26.590
BAR. CORR. 65	+.005	0	+.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
47	31	·08	E·2	0	13	SW	1933					6	7		

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0657 SUNSET 1643

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: 1065 / 1833 /

* MELTED AS IT FELL

E - ESTIMATED DUE TO MELTING

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1612	1628			
RW-	1827	1839			
RW-	1922	2117			
S-	2117	2205			
R-	2131	2205			
S-	2335	CONT.			

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: JAN 07 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 (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. REMARKS (14)
SP	0045	7 SCT M 26 OVC	7		S-				06	05		999		
SA	0053	7 SCT M 23 OVC	7		S-	158	33	33	07	04		999	60705 1711	
SP	0108	10 SCT M 22 OVC	10						07	03		999		
RS	0153	M7 BKN 22 OVC	2		S-	158	34	34	00	00		999	SE05B~~33~~ 48	
SP	0224	7 SCT M20 OVC	5		S-				01	03		999		
SP	0234	W4X	3		S-				35	03		999		
RS	0250	W5X	3		S-	158	34	34	36	03		999	(COR) 1230	
SA	0350	W5X	3		S-	155	33	33	35	03		998	803~~05~~ 06 33 20011	CH
													RADAT 00043	
SP	0416	W1X	1/2		S				35	03		998		CH
SP	0442	W5X	3		S-				04	04		998		CH
SA	0450	W5X	3		S-	156	33	33	03	04		998		CH
SA	0550	W5X	3		S-	160	33	33	00	00		999		CH
SA	0650	W5X	3		S-	162	33	33	07	03		999	10308	CH
SP	0703	M15 OVC	3		S-				04	08		999		CH
SA	0750	M22 OVC	3		S-	170	34	32	04	10		001		CH
SA	0850	M23 OVC	3		S-	177	34	32	04	10		001		CH
SA	0950	M24 OVC	3		S-	187	34	32	05	10		005	22011 1711 33	CH
SA	1050	M22 OVC	3		S-	181	35	33	05	09		004		CH
SA	1150	M27 OVC	3		S-	182	36	32	07	08		004	BINOVC N	CH
SA	1250	E28 BKN 80 BKN	7		S-	182	37	33	04	07		004	603001170	CH
SP	1319	28 SCT E80 BKN	7						04	10		004	SE19	CH
SA	1350	28 SCT E80 BKN	7			181	38	32	04	10		004		CH
SA	1450	30 SCT E80 BKN	7			177	40	30	05	10		003		CH
SA	1553	30 SCT 80 SCT	20			184	39	30	03	07		003	30300 1170 40	JP
													RAHAT 12044	
SA	1654	30 SCT E80 BKN	20			194	37	30	07	09		008		
SA	1758	30 SCT 80 SCT	20			200	34	29	04	07		008		JP
SA	1853	CLR	20			207	34	27	04	10		011	* 217 1400 FEW CU	JP
SA	1954	CLR	20			214	34	25	05	10		012		JP
SA	2053	80 SCT	20			214	34	24	03	10		013		JP
SA	2153	CLR	20			218	34	23	04	12		014	210 40	JP
SA	2252	CLR	20			222	33	23	03	10		015		
SA	2354	CLR	20			222	32	23	04	13		015		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 $i_R i_x h$VV 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: JAN 07 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	26.580			100	10	3	CUFRA	7	10	CUFRA	M23	10								10	6	.020			00-01
01 53	26.580			100	10															10					01-02
02 50	26.580			100	10															10					02-03
03 50	26.570			100	10	10	S	W5												10	8	.010			03-04
04 50	26.570			100	10															10					04-05
05 50	26.580			100	10															10					05-06
06 50	26.580			100	10	10	S	W5												10	1	.010			06-07
07 50	26.600			92	10															10					07-08
08 50	26.620			92	10															10					08-09
09 50	26.640			92	10	10	CUFRA	M24												10	2	.060			09-10
10 50	26.630			92	10															10					10-11
11 50	26.630			85	10															10					11-12
12 50	26.630			85	8	6	CU	E28	2	AC	80	8								8	6	.010			12-13
13 50	26.630			79	7															5					13-14
14 50	26.620			67	7															5					14-15
15 53	26.640			70	2	1	CU	30	1	AC	80	2								2	3	.010			15-16
16 54	26.660			76	7															5					16-17
17 58	26.670			82	3															3					17-18
18 53	26.640			75	0	0	SC	30												0	2	.050			18-19
19 54	26.700			69	0															0					19-20
20 55	26.710			66	1															1					20-21
21 53	26.730			64	0															0	2	.030			21-22
22 52	26.730			66	0															0					22-23
23 54	26.730			69	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	.03	E.2	X	34	33	X	X						X		
	0348	1	.06	E.4	T	36	33		2								
	0948	2	.11	E1.0	T	34	33		2								
	1550	3	T	T*	0	40	33		2								
	2152	4	0	0	0	39	34		1								
	MID	X	0	0	0	34	32	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1550	2152
ATT. THERM. 60				
OBSVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.570	26.640	26.640	26.730
BAROGRAPH 64	26.550	26.620	26.620	26.700
BAR. CORR. 65	+.020	+.020	+.025	+.030

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	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
40	32	.14	E1.2	T	14	NE	2325					8	6		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
S-	CONT.	0105			
S-	0148	0416			
S	0416	0442			
S-	0442	1319			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0657 SUNSET 1643

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: 10356 / 21022 /

0153/0153

0350/ 0430

E = ESTIMATED DUE TO MELTING

* MELTED AS IT FELL

V LAST OF SEVERAL OCCURRENCES

☆ 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: JAN 08 1987

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4b)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbars) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (10's of deg) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (In.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. REMARKS INITIALS (15)
SA	0053	CLR	20			225	32	23	05	10		016	207	JP
SA	0152	CLR	20			229	30	23	32	05		017		JP
SA	0252	CLR	20			227	31	22	03	06		017		JP
SA	0350	CLR	20			232	31	21	03	12		018	207 30 20011 RAOAT 25046	CH
SA	0450	CLR	20			237	32	20	02	08		020		CH
SA	0550	CLR	20			247	31	20	03	09		022		CH
SA	0650	CLR	20			252	30	19	03	08		023	214	CH
SA	0750	CLR	20			254	33	18	04	10		024		CH
SA	0850	CLR	20			260	34	18	03	15		026		CH
SA	0950	CLR	20			264	35	20	04	15		027	214 29	CH
SA	1050	CLR	20			267	36	19	05	12		028		CH
SA	1150	CLR	20			263	38	20	05	10		027		CH
SA	1250	CLR	20			258	40	20	05	09		026	803	CH
SA	1350	CLR	20			251	40	20	04	16		024		CH
SA	1450	CLR	20			255	40	17	03	12		025		CH
SA	1553	CLR	20			260	38	21	04	10		026	500 41 RADAT 43044	JP
SA	1652	CLR	20			261	35	20	03	11		026	FEW CI	JP
SA	1755	CLR	20			271	33	20	04	13		028		JP
SA	1853	CLR	20			272	32	18	03	13		028	107	JP
SA	1952	CLR	20			273	31	18	02	13		029		MR
SA	2052	CLR	20			284	31	17	03	11		032		MR
SA	2153	CLR	20			281	31	17	04	11		031	010 41	JP
SA	2252	CLR	20			294	31	17	04	07		035		JP
SA	2353	CLR	20			290	32	18	07	06		035		JP

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

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

SUPERSEDES MF 1-10 A (1-82) 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: JAN 08 1987

To convert L.S.T. 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	SUM-MATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUM-MATION 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	26.740			69	0															0	2	0.020			00-01
01 52	26.750			75	0															0					01-02
02 52	26.750			69	0															0					02-03
03 50	26.760			66	0															0	2	.020			03-04
04 50	26.770			61	0															0					04-05
05 50	26.790			64	0															0					05-06
06 50	26.800			63	0															0	2	.040			06-07
07 50	26.810			54	0															0					07-08
08 50	26.830			52	0															0					08-09
09 50	26.840			54	0															0	2	.040			09-10
10 50	26.850			50	0															0					10-11
11 50	26.840			48	0															0					11-12
12 50	26.830			44	0															0	8	.010			12-13
13 50	26.810			44	0															0					13-14
14 50	26.820			39	0															0					14-15
15 52	26.830			50	0															0	5	.000			15-16
16 52	26.830			54	0															0					16-17
17 55	26.850			58	0															0					17-18
18 53	26.850			56	0															0	1	.030			18-19
19 52	26.855			58	0															0					19-20
20 52	26.885			57	0															0					20-21
21 53	26.880			56	0															0	0	0.30			21-22
22 52	26.910			56	0															0					22-23
23 53	26.910			56	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 42	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	33	30	X	X								
	0348	1	0	0	0	34	30		0								
	0948	2	0	0	0	35	29		0								
	1553	3	0	0	0	41	33		0								
	2152	4	0	0	0	38	30		0								
	MID.	X	0	0	0	37	31	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1553	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.760	26.840	26.730	26.830
BAROGRAPH 64	26.750	26.830	26.720	26.820
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	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
41	29	0	0	0	20	NE	1033					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0657 SUNSET 1644

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: 1233P / 1645P

√ LAST OF SEVERAL OCCURRENCES

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: WSMO, DESERT ROCK [illegible]

DATE: JAN 09 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)	PRESSURE CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0036	CLR	20			291	29	17	05	06		[illegible]	110	JP
SA	0153	CLR	20			293	30	16	07	07		036		JP
SA	0250	CLR	20			293	30	15	05	12		036		JP
SA	0350	CLR	20			295	30	15	04	12		036	103 29 RADAT ZERO	CH
SA	0450	CLR	20			297	30	15	05	15		036		CH
SA	0550	CLR	20			307	30	15	04	14		038		CH
SA	0650	CLR	20			315	29	15	04	15		041	314	CH
SA	0750	CLR	20			315	30	14	04	15		041		CH
SA	0850	CLR	20			322	32	15	03	14		043		CH
SA	0950	CLR	20			320	34	16	02	14		043	107 28	CH
SA	1050	CLR	20			310	37	16	02	15		041		CH
SA	1150	CLR	20			300	40	17	04	14		038		CH
SA	1250	CLR	20			295	40	19	04	15		036	720	CH
SA	1350	CLR	20			285	42	19	03	12		034		CH
SA	1450	CLR	20			285	42	20	02	14		034		CH
SA	1553	CLR	20			288	41	21	05	13		035	503 43 RAUAT	JP
													36L0S8078	
SA	1656	CLR	20			296	37	20	05	11		036		JP
SA	1755	CLR	20			297	35	18	05	12		036		JP
SA	1856	CLR	20			303	34	18	04	13		037	207	JP
SA	1955	CLR	20			308	35	15	04	15		040		JP
SA	2057	CLR	20			311	37	12	02	09		041		JP
SA	2153	CLR	20			313	36	10	05	08		041	114 43	JP
SA	2255	CLR	20			311	36	10	03	11		041		JP
SA	2355	CLR	20			304	34	11	07	10		040		JP

A synoptic observation using WMO code FM12-VII, as described in CMH-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, [illegible] NEVADA

DATE: JAN 09 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 56	26.910			60	0															0	1	.030			00-01
01 53	26.900			56	0															0					01-02
02 50	26.900			53	0															0					02-03
03 50	26.920			53	0															0	1	.010			03-04
04 50	26.920			53	0															0					04-05
05 50	26.940			53	0															0					05-06
06 50	26.960			55	0															0	3	.040			06-07
07 50	26.960			51	0															0					07-08
08 50	26.980			49	0															0					08-09
09 50	26.980			48	0															0	1	.020			09-10
10 50	26.960			42	0															0					10-11
11 50	26.940			39	0															0					11-12
12 50	26.920			43	0															0	7	.060			12-13
13 50	26.900			39	0															0					13-14
14 50	26.900			41	0															0					14-15
15 53	26.910			44	0															0	5	.010			15-16
16 56	26.931			50	0															0					16-17
17 55	26.920			50	0															0					17-18
18 56	26.930			52	0															0	2	.020			18-19
19 55	26.950			43	0															0					19-20
20 57	26.960			35	0															0					20-21
21 53	26.970			34	0															0	1	.040			21-22
22 50	26.970			34	0															0					22-23
23 55	26.950			38	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348		0	0		33	29										
	0348	1	0	0	0	33	29		0								
	0948	2	0	0	0	34	28		0								
	1551	3	0	0	0	43	34		0								
	2151	4	0	0	0	41	34		0								
	MID.		0	0	0	36	34										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1553	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.920	26.980	26.910	26.970
BAROGRAPH 64	26.915	26.980	26.910	26.955
BAR. CORR. 65	+.005	± 0	0	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNHLTD (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 (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
43	28	0	0	0	30	NE	2001					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 0657 SUNSET 1645

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1035 2P / 1630 P

1/ LAST OF SEVERAL OCCURRENCES –

MF1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: DESERT ROCK NV.

DATE: JAN 10 1981

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=N (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (15)
SA	0053	CLR	20			307	34	12	08	08		041	503	JP
SA	0155	CLR	20			302	33	11	04	13		040		JP
SA	0250	CLR	20			296	32	11	04	16		037		JP
SA	0350	CLR	20			294	36	9	03	17		037	610 32 RADAT 20114	CH
SA	0450	CLR	20			300	35	9	04	15		038		CH
SA	0550	CLR	20			307	33	11	00	00		040		CH
SA	0650	CLR	20			310	35	9	10	10		041	210	CH
SA	0750	CLR	20			311	36	13	05	10		042		CH
SA	0850	CLR	20			316	39	13	03	14		044		CH
SA	0950	CLR	20			316	42	12	03	16		044	110 31	CH
SA	1050	CLR	20			310	44	14	03	16		043		CH
SA	1150	CLR	20			294	47	16	03	15		038		CH
SA	1250	CLR	20			281	49	18	03	16		035	827	CH
SA	1350	CLR	20			278	50	18	03	15		034		CH
SA	1450	CLR	20			274	50	17	03	14		033		CH
SA	1552	CLR	20			273	49	17	03	13		033	607 51 RADAT 20118	MR
SA	1652	CLR	20			282	45	18	03	11		035		MR
SA	1754	CLR	20			288	40	17	03	14		035		MR
SA	1855	CLR	20			288	39	19	04	13		035	107	MR
SA	1956	CLR	20			292	39	15	05	14		036		MR
SA	2055	CLR	20			295	38	13	03	12		037		MR
SA	2153	CLR	20			296	38	15	08	14		039	112 51	MR
SA	2256	CLR	20			290	38	13	08	13		037		MR
SA	2352	CLR	20			284	38	12	09	14		036		MR

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

FM12-VII: Iliii $i_R i_X$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRR t_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ 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: DESERT ROCK NV.

DATE: JAN 10 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	26.960			40	0															0	5	010			00-01
01 55	26.950			40	0															0					01-02
02 50	26.930			41	0															0					02-03
03 50	26.930			32	0															0	6	.030			03-04
04 50	26.940			34	0															0					04-05
05 50	26.950			40	0															0					05-06
06 50	26.960			38	0															0	2	.030			06-07
07 50	26.970			34	0															0					07-08
08 50	26.990			34	0															0					08-09
09 50	26.990			29	0															0	1	.030			09-10
10 50	26.980			29	0															0					10-11
11 50	26.940			29	0															0					11-12
12 50	26.910			29	0															0	8	.080			12-13
13 50	26.900			28	0															0					13-14
14 50	26.890			27	0															0					14-15
15 52	26.890			28	0															0	6	.020			15-16
16 53	26.910			34	0															0					16-17
17 54	26.910			34	0															0					17-18
18 55	26.910			44	0															0	1	.020			18-19
19 56	26.925			38	0															0					19-20
20 55	26.935			36	0															0					20-21
21 53	26.945			38	0															0	1	.035			21-22
22 56	26.930			35	0															0					22-23
23 52	26.920			34	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348		0	0		36	32										
	0348	1	0	0	0	36	32		0								
	0948	2	0	0	0	42	31		0								
	1518	3	0	0	0	51	42		0								
	2150	4	0	0	0	49	37		0								
	MID.		0	0	0	40	37										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1551	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.930	26.990	26.890	26.945
BAROGRAPH 64	26.935	26.990	26.890	26.940
BAR. CORR. 65	-.005	±0	0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
51	31	0	0	0	25	NE	0418					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 0657 SUNSET 1646

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: 1075 8P / 1554P /

MF 1-10A
(5-83)

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

STATION: WSMO, DESERT ROCK NEVADA

DATE: JAN 11 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 (10-36) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (15)
SA	0058	CLR	20			281	37	12	03	15		035	610	MR
SA	0157	CLR	20			279	37	12	03	14		035		MR
SA	0250	CLR	20			276	37	12	04	11		034		MR
SA	0358	CLR	20			279	36	11	05	07		035	603 35 RADAT 20121	DC
SA	0453	CLR	20			280	36	10	14	04		035		DC
SA	0557	CLR	20			285	35	11	14	04		035		DC
SA	0657	CLR	20			289	36	10	14	03		036	303	DC
SA	0754	CLR	20			289	38	13	13	02		036		DC
SA	0857	CLR	20			295	41	12	06	07		038		DC
SA	0955	CLR	20			294	46	13	06	09		038	108 34	DC
SA	1054	CLR	20			285	48	15	01	07		037		DC
SA	1150	CLR	20			271	53	13	25	03		034	CI NW	DC
SA	1250	CLR	20			260	53	16	09	05		030	825 1001	DC
SA	1353	CLR	20			258	54	16	00	00		030	CI NW	DC
SA	1459	CLR	20			251	55	14	11	08		028	CI NW	DC
SA	1553	CLR	20			255	54	13	12	09		028	505 56	JP
													RADAT 20139	
SA	1655	CLR	20			258	49	22	05	06		028	FEW CI NW	JP
SA	1756	CLR	20			259	42	25	05	08		027	FEW CI NW	JP
SA	1857	CLR	20			262	42	24	02	03		028	500	JP
SA	1955	CLR	20			265	41	24	04	10		029		JP
SA	2056	CLR	20			273	37	21	25	04		032		JP
SA	2153	CLR	20			272	34	22	02	04		032	110 56	JP
SA	2256	CLR	20			267	33	20	23	03		031		JP
SA	2352	CLR	20			263	34	19	36	04		031		JP

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

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_n$TTT $2s_n T_d T_d T_d$ $3P_o P_o P_o P_o$ 4PPPP 5appp 6RRRt_R 7ww$W_1 W_2$ $8N_h C_L C_M C_H$ plus regional and national data groups.

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 [illegible] NEVADA

DATE: JAN 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 58	26.915			36	0															0	6	.030			00-01
01 57	26.910			35	0															0					01-02
02 50	26.905			35	0															0					02-03
03 58	26.905			35	0															0	6	.010			03-04
04 53	26.905			34	0															0					04-05
05 57	26.905			37	0															0					05-06
06 57	26.915			34	0															0	3	.010			06-07
07 54	26.920			35	0															0					07-08
08 57	26.940			30	0															0					08-09
09 55	26.940			26	0															0	1	.025			09-10
10 54	26.925			26	0															0					10-11
11 50	26.895			20	0															0					11-12
12 50	26.865			23	0	0	CI	250												0	8	.075			12-13
13 53	26.860			22	0															0					13-14
14 59	26.845			19	0															0					14-15
15 53	26.850			19	0															0	5	.015			15-16
16 55	26.850			34	0															0					16-17
17 56	26.840			51	0															0					17-18
18 57	26.850			49	0															0	5	.000			18-19
19 55	26.860			51	0															0					19-20
20 56	26.880			52	0															0					20-21
21 53	26.880			61	0															0	1	.030			21-22
22 56	26.870			58	0															0					22-23
23 52	26.870			54	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	39	35	X	X						X		
	0350	1	0	0	0	40	35		0								
	0948	2	0	0	0	46	34		0								
	1552	3	0	0	0	56	46		0								
	2157	4	0	0	0	54	34		0								
	MID.	X	0	0	0	34	33	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0952	1553	2157
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.905	26.940	26.900	26.850
BAROGRAPH 64	26.900	26.930	26.890	26.870
BAR. CORR. 65	+.005	+.010	[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 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
56	33	0	0	0	19	NE	0408					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 0656 SUNSET 1647

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: 1030P/2130P/

MF1-10A
(5-83)

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

STATION [illegible]

SURFACE WEATHER OBSERVATIONS

DATE JAN 1? 1987

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

Type (1)	Time (2)	Sky Condition (Hundreds of Feet) (3)	Visibility (4)	(4a)	Weather and Obstructions to Vision (5)	Sea Level Pressure (16)	(17)	Air Temperature (18)	Wind (19)	(10)	(11)	Altimeter Setting (12)	Remarks and Additional Observations (13)	Observer (15)
SA	0055	CLR	20			259	35	20	07	05		030	707	JP
SA	0153	CLR	20			259	34	18	00	00		030		JP
SA	0253	CLR	20			255	32	18	13	05		028		JP
SA	0357	CLR	20			263	27	19	15	02		030	500 26 RADAT	DC
													35L 035 136	
SA	0453	CLR	20			262	28	18	10	02		028		DC
SA	0555	CLR	20			287	28	18	00	00		028		DC
SA	0655	CLR	20			268	32	16	00	00		030	500	DC
SA	0755	CLR	20			266	37	17	06	03		030		DC
SA	0857	CLR	20			271	43	19	00	00		032		DC
SA	0955	CLR	20			275	47	18	00	00		033	ACSL DSNT NW / 310	DC
													1040 26	
SA	1056	CLR	20			265	49	19	29	05		030	ACSL DSNT NW	DC
SA	1156	CLR	20			254	51	18	13	03		027	ACSL DSNT NW	DC
SA	1256	CLR	20			240	52	18	13	07		024	ACSL DSNT NW / 827	DC
													1042	
SA	1355	CLR	20			231	53	18	13	08		022	ACSL DSNT W CI N	DC
SA	1452	CLR	20			230	54	19	15	07		021	ACSL DSNT NW FEW CI	DC
SA	1553	CLR	20			234	53	19	11	06		021	FEW CI NW / 610	JP
											1001		54 RADAT 20133	
SA	1654	CLR	20			232	49	18	10	06		019	FEW CI NW	JP
SA	1755	CLR	20			238	39	26	09	05		019		JP
SA	1853	CLR	20			237	37	26	05	04		019	603	JP
SA	1951	CLR	20			228	40	22	05	05		018	FEW CI N	JP
SA	2055	CLR	20			224	40	23	03	08		018	FEW CI N	JP
SA	2157	CLR	20			223	38	24	05	10		018	FEW CI N / 603	JP
													1001 54	
SA	2256	E 200 BKN	20			223	34	24	03	03		018		JP
SA	2357	E 200 BKN	20			223	34	24	31	03		018		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$_1$W$_2$ 8$N_hC_LC_MC_H$ plus regional and national data groups.

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESOTO

DATE: JAN 1? 1981

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3 HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 55	26.860			54	0															0	7	020			00-01
01 53	26.860			52	0															0					01-02
02 53	26.850			56	0															0					02-03
03 57	26.860			71	0															0	5	.000			03-04
04 53	26.850			66	0															0					04-05
05 55	26.850			66	0															0					05-06
06 55	26.860			51	0															0	5	.000			06-07
07 55	26.860			44	0															0					07-08
08 57	26.880			38	0															0					08-09
09 55	26.890			31	0	0	ACSL	140												0	3	.030			09-10
10 56	26.865			30	0															0					10-11
11 56	26.840			27	0															0					11-12
12 56	26.810			26	0	0	ACSL	140	0	CI	250	0								0	8	.080			12-13
13 55	26.790			25	0															0					13-14
14 52	26.780			25	0															0					14-15
15 53	26.780			26	0	0	CI	200												0	6	030			15-16
16 54	26.770			30	0															0					16-17
17 55	26.770			59	0															0					17-18
18 53	26.770			64	0															0	6	010			18-19
19 57	26.760			48	0															0					19-20
20 55	26.760			50	0															0					20-21
21 57	26.760			57	0	0	CI	200												0	6	010			21-22
22 56	26.760			67	7															5					22-23
23 57	26.760			67	9															7					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	35	26	X	X						X		
	0350	1	0	0	0	35	26		0								
	0948	2	0	0	0	47	26		0								
	1551	3	0	0	0	54	47		0								
	2153	4	0	0	0	53	36		0								
	MID.	X	0	0	0	38	33	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0952	1553	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.860	26.890	26.780	26.760
BAROGRAPH 64	26.860	26.880	26.770	26.765
BAR. CORR. 65	0	+.010	+010	-005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
54	26	0	0	0	11	SE	1431					0	1		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0656 SUNSET 1648

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1100P 1730P

√ LAST OF SEVERAL OCCURRENCES —

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: NUMO, DESERT ROCK NEVADA

DATE: JAN 13 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 (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. WATCHERS INITIALS (15)
SA	0050	E200 BKN	20			216	32	24	00	00		016	807 1001	JP
SA	0153	80 SCT E200 OVC	20			209	31	24	28	05		014		JP
SA	0250	80 SCT E200 OVC	20			208	31	24	11	06		014		JP
SA	0357	120 SCT E250 OVC	20			200	32	24	00	00		012	714 1022 30	DC
													RADAT 20121	
SA	0454	E120 OVC	20			202	32	23	00	00		012	BINOVC OVHD	DC
SA	0556	E120 BKN 250 OVC	20			202	32	24	02	05		011		DC
SA	0655	120 SCT 250 - OVC	20			203	31	24	00	00		010	807 1027	DC
SA	0756	140 SCT E250 OVC	20			209	32	24	00	00		012		DC
SA	0856	140 SCT E250 BKN	20			200	35	23	00	00		012		DC
SA	0952	250 - OVC	20			200	41	22	00	00		011	ACSL SE-SW / 003	DC
													1047 30	
SA	1050	E250 OVC	20			195	45	21	26	03		010	ACSL SE	DC
SA	1154	250 - BKN	20			189	46	24	22	08		008	ACSL SE	DC
SA	1254	250 - OVC	20			185	47	22	20	05		007	814 1007	DC
SA	1353	E250 OVC	20			179	49	23	00	00		005		DC
SA	1450	250 - BKN	20			182	50	21	03	09		007	ACSL SE	DC
SA	1553	250 - SCT	20			194	49	22	03	12		010	310 1001 51	JP
							4						RADAT 23L083095105	
SA	1654	250 - SCT	20			201	44	25	03	09		011		JP
SA	1752	250 - SCT	20			206	42	24	03	13		012		JP
SA	1857	250 - SCT	20			210	41	22	05	12		013	310 1001	JP
SA	1952	250 - SCT	20			211	40	21	05	16		013		JP
SA	2055	250 - SCT	20			213	40	20	05	15		014		JP
SA	2157	250 - SCT	20			219	38	18	05	20		016	310 1001 51	JP
SA	2254	250 - SCT	20			220	37	16	04	16		017		JP
SA	2355	250 - SCT	20			220	37	14	05	16		017		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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 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: JAN 13 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	26.740			72	9	9	CI	E200												6	8	.020			00-01
01 53	26.700			72	10															9					01-02
02 50	26.730			72	10															9					02-03
03 57	26.700			72	10	1	AS	120	10	CI	E250	10								8	7	.040			03-04
04 54	26.700			69	10															10					04-05
05 56	26.685			72	10															10					05-06
06 55	26.680			75	10	1	AS	120	10	CS	250	10								4	8	.020			06-07
07 56	26.700			72	10															6					07-08
08 56	26.700			61	9															5					08-09
09 52	26.690			46	10	0	ACSL	140	10	CS	250	10								3	0	.010			09-10
10 50	26.680			38	10															7					10-11
11 54	26.665			42	9															3					11-12
12 54	26.650			37	10	10	CS	250												3	8	.040			12-13
13 53	26.640			36	10															6					13-14
14 50	26.650			32	8																				14-15
15 53	26.680			34	3	3	CI	250												1	3	.030			15-16
16 54	26.690			47	3															1					16-17
17 52	26.700			49	2															1					17-18
18 57	26.710			47	2	2	CI	250												0	2	.030			18-19
19 52	26.710			46	1															0					19-20
20 51	26.730			44	1															0					20-21
21 57	26.740			44	1	1	CI	250												0	3	.030			21-22
22 54	26.750			42	1															0					22-23
23 55	26.750			39	1															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	35	30	X	X						X		
	0350	1	0	0	0	38	30		0								
	0947	2	0	0	0	42	30		0								
	1550	3	0	0	0	51	41		0								
	2154	4	0	0	0	49	38		0								
	MID.	X	0	0	0	38	37	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0950	1553	2157
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.700	26.690	26.680	26.740
BAROGRAPH 64	26.700	26.690	26.660	26.730
BAR. CORR. 65	0	0	+020	+010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
51	30	0	0	0	27	NE	2231					9	7		

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0656 SUNSET 1649

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: 1100SP/2000SP/

1553/1553

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

SURFACE WEATHER OBSERVATIONS

STATION [illegible]

DATE JAN 14 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 (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVATIONS (15)
SA	0053	250 -SCT	20			217	35	14	05	16		016	000 1001	JP
SA	0155	CLR	20			224	34	13	03	15		018		JP
SA	0250	CLR	20			224	33	13	04	17		018		JP
SA	0357	CLR	20			221	32	13	04	13		017	003 1030 32 RADAT	DC
													ZERO	
SA	0456	CLR	20			224	33	10	E03	15	P22	017	FEW AC	DC
SA	0554	CLR	20			225	31	10	E04	15		017		DC
SA	0654	CLR	20			221	31	10	E03	14		016	803 1001	DC
SA	0755	CLR	20			221	32	8	E03	15		016	ACSL SE	DC
SA	0856	CLR	20			217	36	8	05	10		015	AC SE	DC
SA	0955	CLR	20			212	39	6	03	09		014	807 1002 31	DC
SA	1055	CLR	20			200	41	7	02	11		011	CI SE	DC
SA	1150	CLR	20			182	44	3	04	10		007	CI DSNT SE	DC
SA	1256	CLR	20			165	46	3	03	08		002	839	DC
SA	1355	CLR	20			151	48	7	00	00		998		DC
SA	1454	CLR	20			144	50	5	18	03		996		DC
SA	1549	CLR	20			141	49	5	24	07		994	622 50 RADAT 20071	AD
SA	1649	CLR	20			134	42	10	23	06		992		AD.
SA	1749	CLR	20			133	38	11	00	00		990		AD
SA	1849	CLR	20			127	30	18	02	05		986	724	AD
SA	1949	CLR	20			114	32	15	01	07		983		AD
SA	2049	CLR	20			110	34	12	35	09		983		AD
SA	2149	CLR	20			115	34	7	03	08		985	503 50	AD
SA	2249	CLR	20			116	29	11	16	07		985		AD
SA	2349	CLR	20			102	32	9	36	05		982		AD

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

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

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

☆U.S.GPO:1984-0-764-006/60085

MF1-10B
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT [illegible]

DATE: JAN 14 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	26.740			42	1	1	CI	250												0	0	.000			00-01
01 55	26.760			42	0															0					01-02
02 50	26.760			45	0															0					02-03
03 57	26.750			45	0	0	AC	160												0	0	.010			03-04
04 56	26.750			38	0															0					04-05
05 54	26.750			41	0															0					05-06
06 54	26.740			41	0	0	CI	250												0	8	.010			06-07
07 55	26.740			36	0															0					07-08
08 56	26.730			31	0															0					08-09
09 55	26.720			25	0	0	CI	250												0	8	.020			09-10
10 55	26.690			24	0															0					10-11
11 50	26.650			18	0															0					11-12
12 50	26.605			17	0															0	8	.115			12-13
13 55	26.570			18	0															0					13-14
14 54	26.550			16	0															0					14-15
15 49	26.540			16	0															0	6	.065			15-16
16 49	26.520			27	0															0					16-17
17 49	26.500			32	0															0					17-18
18 49	26.470			60	0															0	7	.070			18-19
19 49	26.440			49	0															0					19-20
20 49	26.440			40	0															0					20-21
21 49	26.460			32	0															0	5	.010			21-22
22 49	26.460			47	0															0					22-23
23 49	26.430			38	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		37	32										
	0350	1	0	0	0	38	32		0								
	0948	2	0	0	0	39	31		0								
	1545	3	0	0	0	50	39		0								
	2145	4	0	0	0	49	30		0								
	MID.		0	0	0	34	28										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0952	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.750	26.720	26.540	26.460
BAROGRAPH 64	26.745	26.710	26.510	26.430
BAR. CORR. 65	+.005	+.010	+.030	+.030

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	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	28	0	0	0	23	NE	0105					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 0656 SUNSET 1650

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: 1084SP/ 1800 /

F420-C WIND DRCTN INDICATOR OTS AT 0450P.

BACK IN SERVICE 0840P.

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: JAN 15, 1987

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

Type (1)	Time (2)	Sky and Ceiling (3)	Visibility (4)	(4a)	Weather and Obstructions to Vision (5)	Sea Level Pressure (6)	Tendency (7)	Ceiling (8)	Wind (9)	(10)	(11)	Altimeter (12)	Remarks (13)	Observer (15)
SA	0049	CLR	20			096	31	8	34	04		981	814	AD
SA	0149	CLR	20			096	30	7	35	06		981		AD
SA	0249	CLR	20			086	31	8	32	04		979		AD
SA	0358	E140 BKN	20			079	32	12	04	12		976	814 1070 28 RADAT ZERO	CRD
SA	0452	E140 BKN	20			086	31	12	34	04		977		CRD
SA	0554	M75 BKN 140 OVC	20			088	31	5	03	16 G 23		976		CRD
SA	0653	E80 BKN 140 OVC	20			100	30	8	03	16 G 23		979	307 157/	CRD
SA	0750	80 SCT 140 SCT E250 BKN	20			098	29	8	04	14 G 24		979		CRD
SA	0852	80 SCT 250 SCT	20			108	29	9	03	10		982		CRD
SA	0956	250 SCT	20			108	32	7	35	12 G 19		982	310 1501 28	CRD
SA	1054	250 SCT	20			103	34	7	03	14 G 19		980	FEW SC	CRD
SA	1151	80 SCT	20			095	34	8	35	12 G 23		978		CRD
SA	1250	E70 BKN 250 BKN	20			086	34	~~06~~ 6	36	13 G 21		975	~~720~~ SWU N /720 1501	CRD
SA	1350	70 SCT E250 BKN	20			088	34	10	02	14 G 19		975		CRD
SA	1450	70 SCT 250 BKN	20			082	33	10	02	15 G 21		974		CRD
SA	1549	E70 BKN 250 BKN	20			081	33	10	03	14		974	603 1502 35 RADAT 26036	AD
SA	1649	38 SCT E70 BKN 250 BKN	20			091	31	11	02	12		976		AD
SA	1749	38 SCT E70 BKN 250 OVC	20			100	30	13	03	15		979		AD
SA	1849	38 SCT E70 BKN 250 OVC	20			105	30	12	04	15		980	117 1502	AD
SA	1949	38 SCT E70 OVC	20			107	29	11	04	16		980		AD
SA	2049	M30 BKN 70 OVC	20			111	28	6	05	18		981		AD
SA	2149	30 SCT E70 BKN 250 OVC	20			109	28	4	04	17		981	103 1508 35	AD
SA	2249	70 SCT E250 OVC	20			115	27	3	05	13		983		AD
SA	2349	70 SCT E250 OVC	20			115	28	~~24~~	04	15		983		AD

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

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 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 (1-82) WHICH MAY BE USED.

U.S.G.P.O. 1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: [illegible]

DATE: JAN. 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. 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	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 49	26.420			38	0															0	8	.040			00-01
01 49	26.420			38	0															0					01-02
02 49	26.400			38	0															0					02-03
03 58	26.380			43	8	1	Ac	E140												1	8	.040			03-04
04 52	26.385			45	9															8					04-05
05 54	26.380			33	10															10					05-06
06 53	26.400			39	10	7	Sc	E80	3	Ac	140	10								10	3	.020			06-07
07 50	26.395			41	9															7					07-08
08 52	26.425			43	5															4					08-09
09 56	26.430			39	2	0	Sc	60	2	Ci	250	2								2	3	.030			09-10
10 54	26.410			32	1															1					10-11
11 51	26.390			33	3															3					11-12
12 50	26.370			30	8	7	Sc	E70	1	Ci	250	8								7	7	.060			12-13
13 50	26.370			36	7															6					13-14
14 50	26.360			38	7															3					14-15
15 49	26.360			38	8	6	Sc	E70	2	Ci	250	8								8	6	.010			15-16
16 49	26.380			43	9															9					16-17
17 49	26.400			49	10															10					17-18
18 49	26.410			47	10	2	Cu	38	6	Sc	E70	8	2	Ci	250	10				10	1	.050			18-19
19 49	26.410			47	10															10					19-20
20 49	26.420			39	10															10					20-21
21 49	26.420			35	10	1	Cu	30	5	Sc	E70	6	4	Cs	250	10				6	1	.010			21-22
22 49	26.440			35	10															6					22-23
23 49	26.440			32	10															6					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0355		0	0		33	29										
	0355	1	0	0	0	34	28		0								
	0950	2	0	0	0	32	29		0								
	1545	3	0	0	0	35	32		0								
	2145	4	0	0	0	33	27		0								
	MID.		0	0	0	28	26										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0357	0956	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.310	26.430	26.360	26.420
BAROGRAPH 64	26.355	26.405	26.345	26.400
BAR. CORR. 65	+.025	+.025	+.015	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	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
35	26	0	0	0	24	NE	2138					6	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 0656 SUNSET 1651

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: 1000P / 1420 /

1250/1250 W. MST V=2GV6.4L JCA 11-05

2349/2349

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: JAN 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 (100-360) (9)	WIND SPEED (Kts.) (10)	WIND GUSTS (Kts.) (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (15)
SA	0049	70 SCT 250 SCT	20			117	25	5	06	13		983	107 1502	AD
SA	0149	250 - BKN	20			117	25	5	04	12		983		AD
SA	0249	70 SCT 250 - BKN	20			123	24	5	06	12		984		AD
SA	0351	70 SCT 250 SCT	20			124	23	4	05	11		984	103 1501 23 RADAT ZERO	CRD
SA	0451	70 SCT 250 SCT	20			129	23	4	05	09		985		CRD
SA	0551	70 SCT 250 SCT	20			134	22	3	05	11		986		CRD
SA	0652	70 SCT 160 SCT 250-OVC	20			138	23	3	05	10		987	ACSL ALQDS/210 1547	CRD
SA	0751	70 SCT 160 SCT 250-BKN	20			138	25	3	03	10		987	ACSL SE	CRD
SA	0850	250-BKN	20			142	26	3	04	13G20		989	FEW SC ACSL SE	CRD
SA	0950	160 SCT 250-BKN	20			148	28	4	03	17G26		991	ACSL SE/310 1548 22	CRD
SA	1047	250-OVC	20			155	29	4	04	15G20		993	FEW SC ACSL SE	CRD
SA	1152	250-OVC	20			145	31	4	05	13G19		991	FEW SC ACSL SE	CRD
SA	1250	70 SCT 160 SCT E250 OVC	20			142	32	4	05	13G19		990	803 1577	CRD
SA	1353	E70 BKN 250 OVC	20			145	31	5	04	15		991		CRD
SA	1452	E70 BKN 250 OVC	20			152	30	10	04	12		992		CRD
SA	1552	70 SCT 250 - BKN	20			152	32	5	04	11		992	107 1508 32 RADAT ZERO	WRG
SA	1652	70 SCT 160 SCT 250 - BKN	20			152	30	7	07	06		992	ACSL SE	WRG
SA	1752	70 SCT	20			161	30	5	04	08		994		WRG
SA	1852	CLR	20			170	28	5	04	07		996	314 1500	WRG
SA	1952	CLR	20			176	27	5	03	11		998		WRG
SA	2050	CLR	20			181	26	3	02	08		999		WRG
SA	2152	CLR	20			187	25	3	28	05		002	217 32	WRG
SA	2252	CLR	20			193	22	8	26	05		003		WRG
SA	2352	CLR	20			200	23	6	11	05		005		WRG

A synoptic observation using WMO code FM12-VI, 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: JAN 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	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 49	26.440			42	5	3	Sc	70	2	Ci	250	5								4	1	.020			00-01
01 49	26.490			42	7															2					01-02
02 49	26.450			44	8															3					02-03
03 51	26.450			44	3	1	Sc	70	2	Ci	250	3								2	1	.010			03-04
04 51	26.460			43	3															2					04-05
05 51	26.470			43	3															2					05-06
06 52	26.480			42	10	1	Sc	70	1	ACSL	160	2	8	Cs	250	10				4	2	.030			06-07
07 51	26.480			38	8															3					07-08
08 50	26.495			37	6															3					08-09
09 50	26.510			35	7	0	Sc	70	1	ASL	160	1	6	Cs	250	7				3	3	.030			09-10
10 47	26.530			34	10															3					10-11
11 52	26.510			31	10															3					11-12
12 50	26.500			30	10	2	Sc	70	1	AC	160	3	7	Cs	250	10				7	2	.010			12-13
13 53	26.502			31	10															10					13-14
14 52	26.520			32	10															8					14-15
15 52	26.520			33	8	3	Sc	70	5	Cs	250	6								4	1	.020			15-16
16 52	26.520			38	8															4					16-17
17 52	26.540			34	3															3					17-18
18 52	26.560			36	0	0	Sc	70												0	3	.040			18-19
19 52	26.580			38	0															0					19-20
20 50	26.590			37	0															0					20-21
21 52	26.610			38	0															0	2	.050			21-22
22 52	26.620			53	0															0					22-23
23 52	26.640			48	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348		0	0		28	23										
	0348	1	0	0	0	28	23		0								
	0946	2	0	0	0	28	22		0								
	1548	3	0	0	0	32	28		0								
	2148	4	0	0	0	32	24		0								
	MID.		0	0	0	26	22										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.450	26.510	26.520	26.610
BAROGRAPH 64	26.425	26.495	26.505	26.590
BAR. CORR. 65	+.025	+.015	+.015	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	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
32	22	0	0	0	26	NE	0946					9	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 0655 SUNSET 1652

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: 1060P / 2039 /

MF 1-10A
(5-83)

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

STATION: WMO, DESERT ROCK NEVADA

DATE: JAN 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. (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			196	26	1	05	08		005	110	WRG
SA	0152	CLR	20			207	22	3	22	04		007	Few cl ouhd	WRG
SA	0252	CLR	20			209	19	4	33	03		007		WRG
SA	0351	250 - SCT	20			207	21	0	34	05		007	107 1001 19 RADAT ZERO	CRD
SA	0450	250 - SCT	20			214	23	0	36	07		010		CRD
SA	0550	250 - SCT	20			217	25	-2	04	06		011		CRD
SA	0651	250 - SCT	20			225	26	-3	07	07		013	217 1001	CRD
SA	0753	CLR	20			233	28	-2	07	04		015		CRD
SA	0852	CLR	20			231	32	-4	06	09		016		CRD
SA	0953	CLR	20			239	35	-2	05	07		018	217 19	CRD
SA	1053	CLR	20			236	37	-1	05	10		017		CRD
SA	1152	CLR	20			226	40	1	04	08		015		CRD
SA	1251	CLR	20			215	42	4	05	10 G	17	013	717	CRD
SA	1350	CLR	20			209	44	7	03	11 G	17	011		CRD
SA	1451	CLR	20			212	44	8	03	11 G	17	011		CRD
SA	1555	CLR	20			217	43	11	04	14		013	800 44 RADAT 24054	WRG
SA	1652	CLR	20			222	40	12	05	10 G	18	014		WRG
SA	1752	CLR	20			230	38	14	08	07		016		WRG
SA	1852	CLR	20			234	37	13	06	06		017	214	WRG
SA	1952	CLR	20			245	35	13	02	07		021		WRG
SA	2050	CLR	20			251	34	12	06	09		023		WRG
SA	2152	CLR	20			255	32	13	04	10		024	220 44	WRG
SA	2252	CLR	20			248	33	15	04	12		023		WRG
SA	2352	CLR	20			235	37	15	04	12 G	21	021		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 $1s_n$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: YUMA, DESERT ROCK [illegible]

DATE: JAN 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	26.640			34	0															0	1	.030			00-01
01 52	26.660			44	0															0					01-02
02 52	26.660			51	0															0					02-03
03 51	26.660			39	2	2	CI	250												0	1	.020			03-04
04 50	26.680			36	2															0					04-05
05 50	26.690			30	2															0					05-06
06 51	26.710			28	1	1	CI	250												0	2	.050			06-07
07 53	26.730			27	0															0					07-08
08 52	26.740			21	0															0					08-09
09 53	26.760			20	0															0	2	.050			09-10
10 53	26.750			19	0															0					10-11
11 52	26.730			19	0															0					11-12
12 51	26.710			20	0															0	7	.050			12-13
13 50	26.690			22	0															0					13-14
14 51	26.690			22	0															0					14-15
15 55	26.710			26	0															0	5	.000			15-16
16 52	26.720			31	0															0					16-17
17 52	26.740			38	0															0					17-18
18 52	26.750			38	0															0	2	.040			18-19
19 52	26.780			40	0															0					19-20
20 50	26.800			39	0															0					20-21
21 52	26.810			45	0															0	2	.060			21-22
22 52	26.800			46	0															0					22-23
23 52	26.780			41	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	26	19	X	X						X		
	0347	1	0	0	0	26	19		0								
	0948	2	0	0	0	35	21		0								
	1551	3	0	0	0	44	35		0								
	2148	4	0	0	0	43	32		0								
	MID.	X	0	0	0	37	32	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0952	1553	2150
ATT. THERM. 60				
OBSVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.660	26.740	26.710	26.810
BAROGRAPH 64	26.690	26.730	26.700	26.795
BAR. CORR. 65	+.020	-.010	+.010	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
44	19	0	0	0	21	NE	2347					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 0655 SUNSET 1653

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: 1063 4P / 2143 P /

* BAROGRAPH CHART CHANGED
1555 / 1849

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: JAN 18 1987

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

TYPE (1)	TIME (2)	SKY AND CEILING (3)	VISIBILITY (Miles) (4)	(46)	WEATHER AND OBSTRUCTION (5)	SEA LEVEL (6)	TEMP (7)	DEW (8)	WIND (9)	(10)	(11)	ALTIMETER SET (12)	(13)	(14)
SA	0052	CLR	20			240	36	15	10	06		022	507	WRG
SA	0152	CLR	20			243	35	15	05	12	G20	023		WRG
SA	0250	CLR	20			247	33	16	05	11		024	FCW CI NW	WRG
SA	0352	CLR	20			249	32	15	03	07		024	107 30 RADAT 45H035045	HS
SA	0451	CLR	20			245	34	17	05	15		023		HS
SA	0552	250 SCT	20			250	33	17	03	05		024		HS
SA	0650	250 - BKN	20			252	32	17	03	07		024	500 1001	HS
SA	0750	250 - BKN	20			249	33	17	00	00		023		HS
SA	0851	250 - SCT	20			255	37	18	06	03		025		HS
SA	0952	CLR	20			249	42	18	05	11		024	000 1001 30	HS
SA	1050	250 - SCT	20			240	45	19	03	09		022		HS
SA	1150	250 - SCT	20			220	47	20	04	10		017		HS
SA	1250	250 - OVC	20			210	48	20	03	10		015	729 1001	HS
SA	1350	250 - BKN	20			195	51	21	01	10		011		HS
SA	1451	250 - BKN	20			194	51	21	03	09		010		HS
SA	1550	250 - BKN	20			194	50	21	32	06		010	615 1001 51 RADAT 24080	008
SA	1650	250 - BKN	20			198	46	24	24	06		011		008
SA	1757	250 - BKN	20			205	37	25	04	06		011		008
SA	1856	250 - BKN	20			206	37	25	12	04		011	103 1001	008
SA	1959	E 250 OVC	20			206	36	25	18	03		011		008
SA	2050	E 250 OVC	20			201	34	24	13	03		010		008
SA	2153	E 250 OVC	20			194	33	24	06	04		008	807 1001 51	008
SA	2252	E 250 OVC	20			185	32	25	21	05		006		008
SA	2349	E 250 OVC	20			180	32	24	04	07		005		004

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

☆ U.S.GPO: 1984-0-764-006/6085

MILITOR (1-80)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JAN 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	HRS.
00 52	26.790			42	0															0	5	.020			00-01
01 52	26.800			44	0															0					01-02
02 50	26.810			49	0															0					02-03
03 52	26.810			49	0															0	1	.020			03-04
04 51	26.800			49	0															0					04-05
05 52	26.810			53	5															3					05-06
06 50	26.810			53	8	8	Ci	250												4	5	.000			06-07
07 50	26.800			52	7															1					07-08
08 51	26.820			47	4															1					08-09
09 52	26.810			39	0	0	Ci	250												0	0	.000			09-10
10 50	26.790			36	2															0					10-11
11 50	26.750			35	5															0					11-12
12 50	26.725			33	10	10	Ci	250												1	7	.085			12-13
13 50	26.690			31	9															0					13-14
14 51	26.680			31	9															1					14-15
15 50	26.680			37	8	8	Ci	250												2	6	.045			15-16
16 50	26.670			42	9															2					16-17
17 57	26.690			61	8															2					17-18
18 56	26.690			61	7	7	Ci	250												3	1	.010			18-19
19 59	26.690			64	10															9					19-20
20 60	26.680			67	10															9					20-21
21 53	26.670			69	10	10	Ci	250												9	8	.020			21-22
22 52	26.650			75	10															9					22-23
23 49	26.640			72	10															9					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350		0	0		37	30										
	0350	1	0	0	0	37	30		0								
	0950	2	0	0	0	42	30		0								
	1549	3	0	0	0	51	42		0								
	2152	4	0	0	0	50	32		0								
	MID.		0	0	0	35	32										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0951	1549	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.810	26.810	26.680	26.670
BAROGRAPH 64	26.800	26.805	26.670	26.660
BAR. CORR. 65	+.010	+.005	+.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	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
51	30	0	0	0	23	NE	0157					6	6		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0655 SUNSET 1654

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: 0555 / 1551P /

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION [illegible] NEVADA

DATE JAN 19 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)	OBS. PERS. INITIALS (15)
SA	0050	5250 OVC	20			178	33	23	05	06		005	610 1001	008
SA	0151	250 - BKN	20			178	31	23	10	03		005		008
SA	0250	250 - BKN	20			178	31	24	06	04		005		008
SA	0351	250 - BKN	20			178	34	22	01	08		005	400 1001 29 RADAT55L034070	HS
SA	0453	250 - SCT	20			176	38	19	36	07		005		HS
SA	0552	250 SCT	20			176	38	18	04	08		003		HS
SA	0650	140 SCT 250 SCT	20			184	36	19	32	08		005	500 1072	HS
SA	0751	140 SCT	20			191	33	19	31	06		007		HS
SA	0850	140 SCT	20			195	40	17	04	03		009		HS
SA	0953	CLR	20			198	43	16	01	12	G18	010	214 1570 29	HS
SA	1051	60 SCT	20			190	44	11	01	13	G20	008		HS
SA	1151	60 SCT	20			174	45	9	02	15	G31	003		HS
SA	1251	60 SCT	20			172	46	11	01	18	G31	003	720 1500	HS
SA	1353	60 SCT	20			175	44	14	03	13	G21	003		HS
SA	1450	60 SCT	20			176	41	14	01	15	G24	003	VIRGA SW	HS
SA	1544	60 SCT	20			177	42	8	01	22	G32	004	VIRGA SE / 302 1500 46	
													RADAT 31052	008
SA	1650	60 SCT	20			187	40	11	02	24	G34	007		008
SA	1750	60 SCT	20			199	39	13	03	17	G24	010		008
SA	1853	CLR	20			211	35	15	03	19	G26	013	229	008
SA	1950	CLR	20			219	34	13	03	17	G22	014		008
SA	2051	CLR	20			219	34	10	03	17	G24	015		008
SA	2155	CLR	20			225	32	10	04	18	G23	017	314 46	008
SA	2258	CLR	20			229	32	11	04	18	G26	018		008
SA	2349	CLR	20			231	32	10	04	20	G27	019		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$_1$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: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: JAN 19 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	WET BULB (°F) 18	DRY BULB (°F) 19	RELATIVE HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST CLOUDS AMT. 22	TYPE 23	HEIGHT 24	MEDIUM CLOUDS AMT. 25	TYPE 26	HEIGHT 27	WIND MAGNITUDE TOTAL 28	HIGH CLOUDS AMT. 29	TYPE 30	HEIGHT 31	WIND MAGNITUDE TOTAL 32	POINT OF OBS. AMT. 33	TYPE 34	HEIGHT 35	PREVAILING SKY COVER 36	PRESSURE TENDENCY 37	PRESSURE CHANGE (Ins.) 38	WIND GUSTS (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.640			66	10	10	Ci	250												10	6	.030			00-01
01 51	26.640			72	7															3					01-02
02 50	26.640			75	6															2					02-03
03 51	26.640			62	6	6	Ci	250												2	4	.000			03-04
04 53	26.635			45	5															1					04-05
05 52	26.620			44	5															3					05-06
06 50	26.640			50	4	3	Ac	140	2	Ci	250	5								4	5	.000			06-07
07 51	26.650			57	1															1					07-08
08 50	26.670			39	1															1					08-09
09 53	26.680			33	0	0	Sc	60	0	Ac	140	0								0	2	.040			09-10
10 51	26.660			25	3															3					10-11
11 51	26.620			22	4															4					11-12
12 51	26.620			24	5	5	Sc	60												5	7	.060			12-13
13 53	26.620			29	5															5					13-14
14 50	26.620			32	4															4					14-15
15 49	26.625			24	3	3	Sc	60												3	3	.005			15-16
16 50	26.655			30	2															2					16-17
17 50	26.680			37	1															1					17-18
18 53	26.710			44	0															0	2	.085			18-19
19 50	26.720			42	0															0					19-20
20 51	26.730			36	0															0					20-21
21 55	26.750			39	0															0	3	.040			21-22
22 58	26.760			41	0															0					22-23
23 49	26.770			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 0354	X	0	0	X	35	29	X	X						X		
	0354	1	0	0	0	35	29		0								
	0951	2	0	0	0	43	32		0								
	1547	3	0	0	0	46	40		0								
	2154	4	0	0	0	42	32		0								
	MID.	X	0	0	0	32	31	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0355	0952	1547	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.640	26.680	26.625	26.750
BAROGRAPH 64	26.630	26.665	26.615	26.730
BAR. CORR. 65	+.010	+.015	+.010	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNOFFICIAL TO 4AM (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 TOP 75	BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
46	29	0	0	0	35	N	1655*					3	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0654 SUNSET 1655

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: 1000P 2004P

* LAST OF SEVERAL OCCURRANCES

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 JAN 20 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	0050	CLR	20			240	30	9	05	17	G24	022	314	008
SA	0150	CLR	20			245	29	8	02	18	G24	023		008
SA	0250	CLR	20			260	28	7	03	13	G19	026		008
SA	0353	CLR	20			270	28	4	06	12		030	324 28 RADAT ZERO	HS
SA	0450	CLR	20			280	28	2	06	04		032		HS
SA	0550	CLR	20			291	26	2	06	11		034		HS
SA	0654	CLR	20			300	26	1	03	10		036	220	HS
SA	0750	CLR	20			304	27	2	06	11		037		HS
SA	0850	CLR	20			315	29	1	06	13		041		HS
SA	0950	CLR	20			315	33	0	03	15		041	115 26	HS
SA	1050	CLR	20			310	36	2	03	14		041		HS
SA	1151	CLR	20			301	38	3	05	14		038		HS
SA	1250	CLR	20			289	41	4	05	12		035	819	HS
SA	1350	CLR	20			280	42	3	03	12		032		HS
SA	1450	CLR	20			274	42	1	03	09		031		HS
SA	1550	CLR	20			272	42	2	03	09		030	615 43 RADAT 20050	008
SA	1649	CLR	20			272	40	2	05	08		029		008
SA	1750	CLR	20			281	34	6	04	10		031		008
SA	1850	CLR	20			281	34	6	03	10		031	302	008
SA	1951	CLR	20			281	33	5	04	13		031		008
SA	2050	CLR	20			281	32	0	03	09		031		008
SA	2148	CLR	20			278	33	1	04	13		031	400 43	008
SA	2250	CLR	20			281	31	4	05	09		032		008
SA	2349	CLR	20			273	32	3	04	12		030		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 1-10A (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: JAN 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	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	26.790			41	0															0	3	.040			00-01
01 50	26.800			41	0															0					01-02
02 50	26.830			41	0															0					02-03
03 53	26.860			35	0															0	3	.070			03-04
04 50	26.880			33	0															0					04-05
05 50	26.900			35	0															0					05-06
06 54	26.920			33	0															0	2	.060			06-07
07 50	26.930			33	0															0					07-08
08 50	26.960			29	0															0					08-09
09 50	26.965			24	0															0	1	.045			09-10
10 50	26.960			23	0															0					10-11
11 51	26.940			23	0															0					11-12
12 50	26.910			21	0															0	8	.055			12-13
13 50	26.885			19	0															0					13-14
14 50	26.870			18	0															0					14-15
15 50	26.865			18	0															0	6	.045			15-16
16 49	26.860			20	0															0					16-17
17 50	26.870			30	0															0					17-18
18 50	26.870			30	0															0	3	.005			18-19
19 51	26.870			30	0															0					19-20
20 50	26.870			25	0															0					20-21
21 48	26.870			25	0															0	4	.000			21-22
22 50	26.880			31	0															0					22-23
23 49	26.865			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 0351	X	0	0	X	32	28	X	X						X		
	0351	1	0	0	0	32	28		0								
	0948	2	0	0	0	33	26		0								
	1549	3	0	0	0	43	33		0								
	2147	4	0	0	0	42	32		0								
	MID.	X	0	0	0	33	31	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0949	1549	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.860	26.865	26.865	26.870
BAROGRAPH 64	26.840	26.855	26.860	26.870
BAR. CORR. 65	+.020	+.010	+.005	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML 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
43	26	0	0	0	28	NE	0014					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 0654 SUNSET 1656

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

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

TIME CHECK -- CLOCK CORRECT TO NEAREST MINUTE AT: 1 0800 / 1551P /

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: JAN 21 1987

TO CONVERT LST TO GMT: SUBTRACT 2 hrs

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			273	29	5	04	05		030	802	008
SA	0150	CLR	20			265	32	3	03	11		028		008
SA	0249	CLR	20			259	31	4	02	11		027		008
SA	0351	CLR	20			258	30	5	02	03		026	612 27 RADAT 20L034108	HS
SA	0450	CLR	20			262	25	4	11	05		026		HS
SA	0551	CLR	20			269	24	5	10	05		026		HS
SA	0651	CLR	20			276	24	6	15	04		028	307	HS
SA	0752	CLR	20			273	28	8	10	05		028		HS
SA	0850	CLR	20			276	35	6	11	05		031		HS
SA	0951	CLR	20			274	42	5	19	03		031	308 22	HS
SA	1052	CLR	20			270	46	6	04	09		031		HS
SA	1152	CLR	20			252	51	6	36	06		027		HS
SA	1250	CLR	20			246	52	9	24	03		025	820	HS
SA	1350	CLR	20			234	54	11	36	08		022	CI NW	HS
SA	1450	CLR	20			228	56	11	06	04		021	CI W-NW	HS
SA	1550	CLR	20			240	51	11	21	07		023	505 57 RADAT 27105	008
SA	1650	CLR	20			245	47	11	19	04		023		008
SA	1749	CLR	20			262	37	17	04	05		025		008
SA	1855	CLR	20			262	36	17	10	05		025	207	008
SA	1950	CLR	20			261	35	16	08	05		025		008
SA	2055	CLR	20			265	32	15	09	05		027		008
SA	2151	CLR	20			257	30	15	08	05		026	003 57	008
SA	2258	CLR	20			252	31	16	13	03		025		008
SA	2349	CLR	20			243	32	15	07	05		024		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: WSMO, DESERT ROCK NEVADA

DATE: JAN 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	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	26.865			36	0															0	8	.005			00-01
01 50	26.850			29	0															0					01-02
02 49	26.835			31	0															0					02-03
03 51	26.830			35	0															0	6	.035			03-04
04 50	26.830			39	0															0					04-05
05 51	26.830			44	0															0					05-06
06 51	26.850			47	0															0	3	.020			06-07
07 57	26.850			43	0															0					07-08
08 50	26.870			29	0															0					08-09
09 51	26.875			22	0															0	3	.025			09-10
10 52	26.870			19	0															0					10-11
11 52	26.835			16	0															0					11-12
12 50	26.815			17	0															0	8	.060			12-13
13 50	26.790			18	0															0					13-14
14 50	26.780			17	0															0					14-15
15 50	26.800			20	0															0	5	.015			15-16
16 50	26.800			23	0															0					16-17
17 49	26.820			44	0															0					17-18
18 55	26.820			46	0															0	2	.020			18-19
19 50	26.820			46	0															0					19-20
20 55	26.840			49	0															0					20-21
21 51	26.830			53	0															0	0	.010			21-22
22 58	26.820			53	0															0					22-23
23 49	26.810			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 0349	X	0	0	X	32	27	X	X						X		
	0349	1	0	0	0	33	27		0								
	0949	2	0	0	0	42	22		0								
	1549	3	0	0	0	57	42		0								
	2150	4	0	0	0	51	30		0								
	MID.	X	0	0	0	32	29	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1549	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.830	26.875	26.800	26.830
BAROGRAPH 64	26.820	26.870	26.790	26.840
BAR. CORR. 65	+.010	*+.005	+.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	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	22	0	0	0	18	N	0414					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 0653 SUNSET 1657

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: / 1000 / 1552P /

*BAROGRAPH CHANGED RE-SET TO "0"

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: JAN 22 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			244	30	15	10	06		024	607	008
SA	0155	CLR	20			238	31	14	11	06		023		008
SA	0250	CLR	20			236	26	15	05	04		022		008
SA	0357	CLR	20			228	32	13	05	03		019	814 26 RADAT 22L034105	SH
SA	0454	CLR	20			231	31	13	29	03		019		SH
SA	0557	CLR	20			236	29	14	07	03		018		SH
SA	0656	250 - SCT	20			236	29	15	12	04		018	603 1008	SH
SA	0754	E250 OVC	20			237	34	19	36	04		019		SH
SA	0854	250 - BKN	20			237	41	20	00	00		021		SH
SA	0955	250 - BKN	20			235	47	15	32	05		021	1008 107 26	SH
SA	1052	E250 BKN	20			221	49	11	12	10		017		SH
SA	1152	E250 OVC	20			205	51	11	14	11		013		SH
SA	1252	E250 BKN	20			193	53	12	07	04		010	734 1008	SH
SA	1353	250 - OVC	20			190	53	13	13	11		008		SH
SA	1447	E250 OVC	20			184	53	13	14	14		006		SH
SA	1549	E250 OVC	20			174	52	13	13	08		004	717 1007 55 RADAT 20105	AD
SA	1649	E250 OVC	20			165	49	15	13	09		001		AD
SA	1749	E250 OVC	20			168	45	17	12	11		001		AD
SA	1849	E250 BKN	20			177	42	18	06	08		003	503 1008	AD
SA	1949	E250 BKN	20			174	43	17	00	00		003		AD
SA	2049	250 - BKN	20			165	38	19	06	06		001		AD
SA	2149	250 - BKN	20			154	39	18	06	09		998	814 1008 55	AD
SA	2249	250 - OVC	20			151	41	16	05	04		998		AD
SA	2349	250 - OVC	20			140	39	16	10	03		995		AD

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

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

SUPERSEDES MF 1-10 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: JAN 22 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Hg.) 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-MA-TION TOTAL 28	THIRD LAYER AMT 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUM-MA-TION TOTAL 32	FOURTH LAYER AMT 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL CLOUD COVER LOWER 36	PRESSURE TENDENCY 37	NET 3 HR. PRESSURE CHANGE 38	SUN-SHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.810			53	0															0	6	.020			00-01
01 53	26.800			49	0															0					01-02
02 50	26.790			63	0															0					02-03
03 57	26.770			45	0															0	8	.040			03-04
04 54	26.770			47	0															0					04-05
05 51	26.760			53	0															0					05-06
06 56	26.760			55	3	3	CS	250												1	6	.010			06-07
07 54	26.770			54	10															7					07-08
08 49	26.780			43	8															4					08-09
09 55	26.780			28	7	7	CS	250												3	1	.020			09-10
10 52	26.750			22	8															6					10-11
11 52	26.710			20	10															8					11-12
12 52	26.680			19	8	8	CS	E250												6	7	.100			12-13
13 53	26.670			20	10															5					13-14
14 51	26.650			20	10															7					14-15
15 49	26.630			21	10	10	CS	E250												9	7	.050			15-16
16 49	26.600			25	10															9					16-17
17 49	26.600			32	10															9					17-18
18 49	26.620			38	8	8	CS	E250												7	5	.010			18-19
19 49	26.620			35	7															6					19-20
20 49	26.600			46	8															3					20-21
21 49	26.580			44	9	9	CS	250												4	8	.040			21-22
22 49	26.580			36	10															4					22-23
23 49	26.550			39	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 0353		0	0		34	26										
	0353	1	0	0	0	34	26		0								
	0951	2	0	0	0	47	28		0								
	1545	3	0	0	0	55	47		0								
	2145	4	0	0	0	52	38		0								
	MID.		0	0	0	41	36										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0355	0953	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.770	26.790	26.630	26.580
BAROGRAPH 64	26.775	26.775	26.620	26.575
BAR. CORR. 65	-.005	+.005	+.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 UNMELTED (Ins.) 69	4A-4 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	26	0	0	0	15	SE	1402					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 0653 SUNSET 1658

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 PI /

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: JAN 23, 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 (4c)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100's of Deg.) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0049	250 [illegible]	20			136	36	20	03	04		997	614 [illegible]	AD
SA	0149	250 - OVC	20			127	35	20	03	03		992		AD
SA	0249	E250 OVC	20			120	36	20	05	04		990		AD
SA	0357	E250 OVC	20			109	38	19	01	06		986	724 1007 35	SH
—	—		—			—						—	RADAT 20093	—
SA	0452	E250 OVC	20			111	37	20	10	04		986		SH
SA	0557	130 SCT E250 OVC	20			105	38	19	12	04		984		SH
SA	0652	E130 BKN 250 OVC	20			102	38	20	09	07		983	810 1077	SH
SA	0751	130 SCT E250 BKN	20			093	42	17	13	10		981		SH
SA	0849	250 SCT	20			097	47	17	04	07		982	FEW AC	SH
SA	0956	CLR	20			092	52	12	23	06		982	503 1070 35	SH
SA	1051	CLR	20			088	53	14	21	11		982	FEW AC	SH
SA	1150	CLR	20			078	55	18	23	14G21		979	FEW AC	SH
SA	1254	CLR	20			078	55	20	24	12G21		978	614 1070	SH
SA	1352	150 SCT	20			086	55	21	25	14		980	FEW CU	SH
SA	1451	150 SCT	20			092	56	22	23	09		982	FEW CU	SH
SA	1549	150 SCT	20			096	55	23	23	12		983	117 1070 56 RADAT 49073	AD
SA	1649	150 SCT	20			105	51	23	25	08		986		AD
SA	1749	CLR	20			116	43	22	36	05		987		AD
SA	1849	CLR	20			130	38	24	34	03		990	220	AD
SA	1949	CLR	20			133	40	22	16	03		992		AD
SA	2049	CLR	20			138	38	21	35	03		994		AD
SA	2149	CLR	20			144	37	21	04	04		996	220 56	AD
SA	2249	CLR	20			151	34	21	08	04		998		AD
SA	2349	CLR	20			156	32	21	00	00		999		AD

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

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

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

☆U.S.GPO.1984-0-764-006/6065

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JAN 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 49	26.540			52	10	10	CS	250												4	6	.040			00-01
01 49	26.520			54	10															4					01-02
02 49	26.500			52	10															6					02-03
03 57	26.470			43	10	10	CS	250												6	7	.070			03-04
04 52	26.470			51	10															10					04-05
05 55	26.450			47	10															10					05-06
06 53	26.440			47	10	8	AC	130	2	CS	250	10								10	8	.030			06-07
07 51	26.420			37	8															6					07-08
08 49	26.430			30	1															1					08-09
09 56	26.420			20	0	0	AC	130												0	5	.010			09-10
10 51	26.425			21	0															0					10-11
11 50	26.400			24	0															0					11-12
12 54	26.390			25	0	0	AC	130												0	6	.040			12-13
13 52	26.410			26	1															1					13-14
14 51	26.430			27	1															1					14-15
15 49	26.440			29	1	1	AC	150												1	1	.050			15-16
16 49	26.460			33	1															1					16-17
17 49	26.480			43	0															0					17-18
18 49	26.500			56	0															0	2	.060			18-19
19 49	26.520			48	0															0					19-20
20 49	26.540			50	0															0					20-21
21 49	26.560			52	0															0	2	.060			21-22
22 49	26.580			59	0															0					22-23
23 49	26.590			64	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 0353		0	0		40	35										
	0353	1	0	0	0	41	35		0								
	0952	2	0	0	0	52	35		0								
	1545	3	0	0	0	56	51		0								
	2145	4	0	0	0	55	35		0								
	MID.		0	0	0	39	32										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0954	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.470	26.430	26.440	26.560
BAROGRAPH 64	26.450	26.410	26.420	26.540
BAR. CORR. 65	+.020	+.020	+.020	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
56	32	0	0	0	22	SW	1129					2	3		

WEATHER & OBSTRUCTIONS TO VISION

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

98. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0652 SUNSET 1659

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: 1070 1 P / 2330 P /

0653 / 0653

1849 / 1849

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: JAN 24, 1987

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

TYPE	TIME (LST)	SKY AND CEILING	VISIBILITY (Miles)		WEATHER AND OBSTRUCTIONS TO VISION	SEA LEVEL PRESS	TEMP	DEW PT	WIND DIR	WIND SPEED		ALTIMETER SET	REMARKS AND SUPPLEMENTAL CODED DATA	OBSERVER INITIALS
SA	0049	CLR	20			161	31	21	00	00		001	114	AD
SA	0149	CLR	20			167	32	21	00	00		003		AD
SA	0249	CLR	20			172	31	21	10	04		004		AD
SA	0355	CLR	20			180	29	21	04	04		006	115 28 RAVAT=7L03/077	SH
SA	0450	CLR	20			187	29	21	06	05		007		SH
SA	0557	250 - BKN	20			194	30	22	00	00		010		SH
SA	0653	E200 OVC	20			207	30	22	07	03		011	115 1007	SH
SA	0752	E200 OVC	20			211	32	24	10	04		013		SH
SA	0853	200 - OVC	20			215	39	23	14	05		015		SH
SA	0957	E200 OVC	20			213	44	24	26	03		015	1-20 1007 28	SH
SA	1052	E200 BKN	20			213	47	23	29	03		015		SH
SA	1153	200 - BKN	20			209	50	22	35	02		014		SH
SA	1252	200 - BKN	20			201	52	21	07	03		012	B10 1008	SH
SA	1352	250 - OVC	20			197	54	22	05	03		012		SH
SA	1452	250 - OVC	20			199	55	22	21	03		012		SH
SA	1549	E250 OVC	20			202	52	23	23	07		012	500 1007 56 RADAT 50105	AD
SA	1649	250 - BKN	20			211	49	23	21	05		014		AD
SA	1749	250 - BKN	20			222	44	24	00	00		016		AD
SA	1849	250 - BKN	20			233	39	25	00	00		018	220 1008	AD
SA	1949	250 - BKN	20			238	41	24	06	03		021		AD
SA	2049	E250 BKN	20			242	39	24	00	00		023		AD
SA	2149	E250 BKN	20			247	40	26	32	05		025	220 1008 56	AD
SA	2249	E250 BKN	20			246	38	24	00	00		025		AD
SA	2349	E250 BKN	20			246	35	25	03	04		025		AD

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

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$ plus regional and national data groups.

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: JAN. 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 49	26.600			66	0															0	1	.040			00-01
01 49	26.620			63	0															0					01-02
02 49	26.635			66	0															0					02-03
03 55	26.645			72	0															0	1	.045			03-04
04 50	26.660			72	0															0					04-05
05 51	26.680			70	8															3					05-06
06 55	26.690			73	10	10	CS	E200												6	1	.045			06-07
07 52	26.710			72	10															6					07-08
08 53	26.725			54	10															5					08-09
09 57	26.730			46	10	10	CS	E200												6	1	.040			09-10
10 53	26.730			39	8															5					10-11
11 55	26.720			33	8															4					11-12
12 52	26.700			30	6	6	CS	200												[illegible]	1	[illegible]			12-13
13 [illegible]	[illegible]			[illegible]	[illegible]															[illegible]					13-14
14 50	26.700			28	10															2					14-15
15 49	26.700			32	10	10	CS	E250												6	5	.000			15-16
16 49	26.720			36	9															4					16-17
17 49	26.740			45	8															3					17-18
18 49	26.760			57	7	7	CS	250												3	2	.060			18-19
19 49	26.780			51	8															3					19-20
20 49	26.800			55	8															5					20-21
21 49	26.820			57	8	8	CS	E250												6	2	.060			21-22
22 49	26.820			57	9															6					22-23
23 49	26.820			66	8															6					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GROUND 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0352	X	0	0	X	34	28	X	X						X		
	0352	1	0	0	0	39	28		0								
	0953	2	0	0	0	44	29		0								
	1545	3	0	0	0	56	43		0								
	2145	4	0	0	0	52	37		0								
	MID.	X	0	0	0	40	35	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0954	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.645	26.72[illegible]	26.700	26.820
BAROGRAPH 64	26.601	26.720	26.695	26.790
BAR. CORR. 65	+.030	+.010	+.005	+.030

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	44 SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Mis.) 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	28	0	0	0	8	SW	1537					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 0652 SUNSET 1700

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: 1075P / /

0957 / APP 1/4 / 1050P 1/28/87

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

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

MF1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: USMO, DESERT ROCK NEVADA

DATE: JAN 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	0049	250 - BKN	20			251	36	24	00	00		027	307 1008	AD
SA	0149	250 - BKN	20			255	34	24	00	00		028		AD
SA	0249	250 - BKN	20			260	33	25	00	00		029		AD
SA	0353	E 250 OVC	20			261	34	25	11	05		030	107 1007 32 RADAT 46106	[illegible]
SA	0455	E 250 BKN	20			264	31	24	04	03		030		[illegible]
SA	0555	250-BKN	20			275	32	24	09	05		032		[illegible]
SA	0651	230-BKN	20			285	33	23	31	05		034	314 1008	[illegible]
SA	0750	230-OVC	20			287	37	24	00	00		036		[illegible]
SA	0853	230-OVC	20			287	44	25	12	03		036		[illegible]
SA	0957	230-OVC	20			281	51	24	31	05		036	107 1007 31	[illegible]
SA	1053	230-OVC	20			288	54	24	30	05		038		[illegible]
SA	1151	230-OVC	20			281	56	24	22	05		036		[illegible]
SA	1256	230-OVC	20			266	59	24	27	03		033	810 1007	[illegible]
SA	1350	230-OVC	20			262	61	24	30	03		032		[illegible]
SA	1450	230-OVC	20			259	61	24	00	00		031		[illegible]
SA	1555	230-OVC	20			260	62	23	16	05		031	505 1007 62 RADAT 24113	EP
SA	1650	230-OVC	20			267	56	26	22	05		032		EP
SA	1750	230-OVC	20			272	49	27	18	03		032		EP
SA	1853	250-BKN	20			277	45	28	06	06		033	205 1008	EP
SA	1952	CLR	20			284	42	28	04	03		035		EP
SA	2055	CLR	20			286	38	27	07	05		036		EP
SA	2153	CLR	20			286	36	27	35	03		037	114 1008 62	EP
SA	2250	CLR	20			289	36	27	11	03		038		EP
SA	2351	CLR	20			285	38	26	10	06		038		EP

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

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 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: JAN 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	NET 3 HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.840			62	8	8	CS	250												3	3	.020			00-01
01 49	26.820			67	9																				01-02
02 49	26.860			72	9															4					02-03
03 53	26.860			69	10	10	CS	250												7	1	.020			03-04
04 55	26.860			75	8															6					04-05
05 55	26.880			72	8															3					05-06
06 51	26.900			66	9	9	CS	230												3	3	.040			06-07
07 50	26.920			59	10															4					07-08
08 53	26.920			47	10															4					08-09
09 57	26.920			35	10	10	CS	230												4	1	.020			09-10
10 53	26.940			31	10															3					10-11
11 51	26.920			29	10															3					11-12
12 56	26.890			26	10	10	CS	230												3	8	.030			12-13
13 50	26.880			24	10															3					13-14
14 50	26.870			24	10															3					14-15
15 55	26.875			24	10	10	CS	230												3	5	.015			15-16
16 50	26.880			31	10															2					16-17
17 50	26.885			42	10															1					17-18
18 53	26.890			51	6	6	CS	250												0	2	.015			18-19
19 52	26.910			57	0															0					19-20
20 55	26.920			64	0															0					20-21
21 53	26.930			70	0	0	CS	250												0	1	.040			21-22
22 50	26.940			70	0															0					22-23
23 51	26.940			62	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	37	32	X	X						X		
	0349	1	0	0	0	40	32		0								
	0952	2	0	0	0	51	31		0								
	1550	3	0	0	0	62	50		0								
	2149	4	0	0	0	60	36		0								
	MID.	X	0	0	0	39	34	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0957	1551	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.860	26.920	26.875	26.930
BAROGRAPH 64	26.840	26.920	26.880	26.930
BAR. CORR. 65	+.020	*±.0	-.005	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	4/44 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	31	0	0	0	8	NW	1000					10	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 0651 SUNSET 1701

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: 1062OP / 2140P /

* BAROGRAPH CHANGED

1555/1555

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: [illegible]MO, DESERT ROCK NEVADA

DATE: JAN 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 (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. REVIEWED INITIALS (15)
SA	0052	CLR	20			281	35	26	02	05		037	000	EP
SA	0151	CLR	20			276	37	26	00	00		036		EP
SA	0250	CLR	20			274	34	27	35	04		035		EP
SA	0353	CLR	20			269	31	26	03	03		033	814 31 RADAT 20120	[illegible]
SA	0451	CLR	20			268	33	27	34	04		032		[illegible]
SA	0554	CLR	20			278	32	27	04	05		034		[illegible]
SA	0650	CLR	20			281	32	27	00	00		034	303	[illegible]
SA	0754	CLR	20			286	40	29	33	04		036		[illegible]
SA	0850	CLR	20			289	46	30	32	07		037		[illegible]
SA	0952	CLR	20			282	54	28	33	03		036	007 31	[illegible]
SA	1056	CLR	20			277	57	27	12	06		036		[illegible]
SA	1151	CLR	20			261	59	26	17	06		032		[illegible]
SA	1250	CLR	20			247	61	25	16	10		027	827	[illegible]
SA	1350	CLR	20			237	63	25	13	12		025	AC DSNT SW	[illegible]
SA	1450	CLR	20			238	63	25	13	10		025	AC SW-W	[illegible]
SA	1553	250 SCT	20			232	63	25	13	11		023	814 1039 64 RADAT 20129	EP
SA	1651	150 SCT 250 SCT	20			235	58	27	12	08		023		EP
SA	1751	150 SCT 250 SCT	20			239	51	27	11	08		023		EP
SA	1852	250 - SCT	20			244	50	27	01	04		024	303 1031	EP
SA	1952	150 SCT 250 ~~SCT BKN~~ OVC	20			238	52	27	08	03		024		EP
SA	2051	250 - BKN	20			240	47	28	05	03		025		EP
SA	2153	150 SCT E250 OVC	20			224	47	28	09	02		022	807 +T 1037 64	EP
SA	2250	250 - SCT	20			223	46	28	00	00		022		EP
SA	2353	250 - BKN	20			228	43	31	31	03		023		EP

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

FM12-VII: Iiiii $i_R i_x h$VV 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 (1-83) WHICH MAY BE USED

U.S. GPO: 1983-[illegible]

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JAN 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	26.930			69	0															0	0	.000			00-01
01 51	26.920			64	0															0					01-02
02 50	26.910			75	0															0					02-03
03 53	26.890			81	0															0	8	.040			03-04
04 51	26.885			79	0															0					04-05
05 54	26.900			82	0															0					05-06
06 50	26.900			89	0															0	3	.010			06-07
07 51	26.920			65	0															0					07-08
08 50	26.930			53	0															0					08-09
09 52	26.920			37	0															0	0	.020			09-10
10 56	26.915			32	0															0					10-11
11 51	26.880			28	0															0					11-12
12 50	26.840			25	0															0	8	.080			12-13
13 50	26.820			23	0															0					13-14
14 50	26.820			23	0															0					14-15
15 53	26.800			23	2	0	Ac	180	2	Cc	250	2								2	8	.040			15-16
16 51	26.800			30	4															3					16-17
17 51	26.800			39	3															2					17-18
18 52	26.810			41	1	0	Ac	150	1	Ci	250	1								0	3	.010			18-19
19 52	26.810			38	10															4					19-20
20 51	26.820			48	8															2					20-21
21 53	26.790			48	10	2	Ac	150	10	Cs	250	10								7	8	.020			21-22
22 50	26.790			49	5															2					22-23
23 53	26.800			62	8															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 0349	X	0	0	X	38	31	X	X						X		
	0349	1	0	0	0	39	31		0								
	0948	2	0	0	0	54	31		0								
	1549	3	0	0	0	64	54		0								
	2150	4	0	0	0	63	46		0								
	MID.	X	0	0	0	49	43	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0952	1548	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.890	26.920	26.800	26.790
BAROGRAPH 64	26.900	26.930	26.800	26.800
BAR. CORR. 65	-.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	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
64	31	0	0	0	16	SE	1402					1	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 0651P SUNSET 1702P

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: 1045P / 1005P /

1952/1952 2153/2153

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: JAN 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)	OBSERVER'S INITIALS (15)
SA	0053	150 SCT E 250 OVC	20			215	44	29	14	03		019	807 1037	EP
SA	0151	150 SCT E 250 OVC	20			208	46	30	18	06		018		EP
SA	0250	150 SCT 250 - BKN	20			202	44	30	06	08		016		EP
SA	0352	150 SCT 250 - BKN	20			200	42	29	00	00		015	714 1038 42 RADAT 22126	[illegible]
SA	0457	E150 BKN 250 OVC	20			198	44	29	00	00		014		[illegible]
SA	0551	E150 BKN 220 OVC	20			201	43	29	36	04		014		[illegible]
SA	0652	E150 BKN 220 OVC	20			198	43	29	01	06		013	VIRGA DSNT SW / 707 1078	[illegible]
SA	0752	E120 BKN 220 OVC	20			201	43	31	34	06		014	VIRGA SE	[illegible]
SA	0850	E120 BKN 220 BKN	20			204	50	31	11	05		015		[illegible]
SA	0950	120 SCT E220 OVC	20			193	56	27	03	04		013	BINOVC / 000 1077 41	[illegible]
SA	1051	120 SCT E220 OVC	20			184	59	29	35	06		011	BINOVC	[illegible]
SA	1150	120 SCT E220 BKN	20			173	62	29	29	03		008		[illegible]
SA	1250	120 SCT E 220 BKN	20			157	62	29	15	10		003	830 1078	[illegible]
SA	1350	120 SCT E 220 BKN	20			148	62	30	15	06		001		[illegible]
SA	1457	120 SCT 220 SCT	20			137	63	29	12	10		998		[illegible]
SA	1555	120 SCT E220 BKN	20			132	60	28	14	09		995	724 1078 64 RADAT 61121	EP
SA	1650	E120 BKN 220 OVC	20			131	59	27	15	07		995		EP
SA	1751	E120 BKN 220 OVC	20			125	57	27	17	10		993		EP
SA	1854	60 SCT E120 OVC	20		RW-	119	64	27	20	21 G	31	992	RB45 / 80800 127 /	EP
SA	1951	60 SCT E120 OVC	20			116	63	32	21	22 G	32	991	RE00	EP
SA	2053	M55 BKN 90 OVC	20			110	63	34	21	21 G	33	991		EP
SA	2154	M55 BKN 90 OVC	20			104	62	33	22	22 G	34	990	~~708~~ 70800 157 / 65	EP
SA	2258	M60 BKN 90 OVC	20			097	60	33	21	24 G	35	988	PK WND 2139 / 14	EP
SA	2353	50 SCT E90 OVC	20			093	60	34	20	24 G	34	987	PK WND 2039 / 41	EP

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

FM12-VII: Iliii $i_R i_x h$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 1-10 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: JAN 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 OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.770			55	10	1	Ac	150	10	Cs	E250	10								8	8	.020			00-01
01 51	26.760			53	10															9					01-02
02 50	26.740			58	8															3					02-03
03 52	26.730			60	8	3	Ac	150	5	Cs	250	8								4	7	.040			03-04
04 57	26.720			55	10															8					04-05
05 51	26.720			58	10															7					05-06
06 52	26.710			58	10	7	Ac	E150	3	Cs	220	10								9	7	.020			06-07
07 52	26.720			62	10															9					07-08
08 50	26.730			48	9															8					08-09
09 50	26.710			33	10	3	Ac	120	7	Cs	E220	10								8	0	.000			09-10
10 51	26.690			32	10															8					10-11
11 50	26.660			29	9															8					11-12
12 50	26.620			29	9	3	Ac	120	6	Cs	E220	9								8	8	.090			12-13
13 50	26.600			30	9															8					13-14
14 57	26.570			28	4															4					14-15
15 55	26.550			29	9	2	Ac	120	8	Cs	E220	9								6	7	.070			15-16
16 50	26.550			29	10															10					16-17
17 51	26.530			32	10															10					17-18
18 54	26.525			25	10	2	Cu	60	10	Ac	E120	10								10	8	.025			18-19
19 51	26.515			31	10															10					19-20
20 53	26.510			34	10															10					20-21
21 54	26.500			34	10	6	Sc	N55	4	Ac	90	10								10	7	.025			21-22
22 58	26.485			37	10															10					22-23
23 53	26.475			38	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 0348	X	0	0	X	46	42	X	X						X		
	0348	1	0	0	0	49	42		0								
	0947	2	0	0	0	56	41		0								
	1547	3	0	0	0	64	55		0								
	2148	4	T	0	0	65	57		0								
	MID.	X	0	0	0	62	60	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0950	1549	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.730	26.710	26.550	26.500
BAROGRAPH 64	26.735	26.710	26.545	26.495
BAR. CORR. 65	-.005	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 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
65	41	T	0	0	39	SW	*2341					9	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1845	1900			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0650 PST SUNSET 1703 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: 1064GP/2130P/

2154/2154 * LAST OF SEVERAL OCCURRENCES

☆ 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: JAN 28, 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. (Mb.) (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	0054	50 SCT 90 SCT E120 OVC	20			090	59	33	21	23	G33	986	810 187/	EP
SA	0153	50 SCT E90 BKN 120 OVC	20			087	59	33	20	20	G31	985	PK WND 2037/30	EP
SA	0252	50 SCT E90 BKN 120 OVC	20			081	59	35	20	19	G27	983		EP
SA	0352	35 SCT E230 OVC	20			077	57	34	20	20	G27	982	714 1407 57 RADAT 50094	[illegible]
SA	0455	35 SCT E230 OVC	20			071	57	30	20	19	G29	980		[illegible]
SA	0550	35 SCT E230 OVC	20			061	56	31	20	24	G36	977	PK WND 2036/41	[illegible]
SA	0650	35 SCT 230 SCT	20			058	54	32	20	24	G32	977	PK WND 2037/31 / 617	[illegible]
—	—												1408	—
SA	0754	35 SCT	20			068	55	32	20	24	G38	980	PK WND 2038/52	[illegible]
SA	0850	35 SCT	20			088	56	33	21	16	G28	986		[illegible]
SA	0952	35 SCT 90 SCT 230 SCT	20			106	59	31	22	17	G24	991	344 1471 54	[illegible]
SA	1050	M50 BKN 110 BKN 230 BKN	20			122	59	32	23	08	G17	996		[illegible]
SP	1117	M45 BKN 110 BKN 230 OVC	20						28	04		996	BINOVC WSHFT 14	[illegible]
SA	1154	M50 BKN 110 BKN 230 OVC	20			130	54	31	05	11		997	BINOVC WSHFT FROPA 14	[illegible]
SA	1250	M45 BKN 230 OVC	20			125	56	30	05	14		996	BINOVC / 014 1101	[illegible]
SA	1350	M50 BKN 230 OVC	20			129	56	27	04	13		997	BINOVC	[illegible]
SA	1451	50 SCT E200 OVC	20			133	56	25	03	12		998		[illegible]
SA	1556	50 SCT 120 SCT E220 OVC	20			134	55	21	03	12		998	107 147 / 6Z RADAT 71080	EP
SA	1656	50 SCT 120 SCT E220 OVC	20			143	53	15	03	10		999		EP
SA	1751	120 SCT E230 OVC	20			148	52	14	04	09		001		EP
SA	1852	120 SCT E230 OVC	20			157	51	16	03	10		003	217 1037	EP
SA	1951	E230 OVC	20			160	51	15	07	08		004		EP
SA	2056	230 - OVC	20			160	50	16	06	08		004		EP
SA	2154	200 - OVC	20			163	48	18	03	08		005	307 1007 6Z	EP
SA	2251	200 - BKN	20			164	47	18	03	08		005		EP
SA	2355	100 SCT 200 - BKN	20			166	47	17	06	07		005		EP

A synoptic observation using WMO code FM12-VII, as described in FM-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 1-10 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: JAN 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 54	26.470			37	10	2	Cu	50	2	Sc	90	4	6	Ac	E120	10				10	8	.030			00-01
01 53	26.460			37	10															10					01-02
02 52	26.445			41	10															10					02-03
03 52	26.430			42	10	3	Sc	35	10	Cs	E230	10								9	7	.040			03-04
04 55	26.410			36	10															9					04-05
05 50	26.380			39	10															8					05-06
06 50	26.380			43	1	1	Sc	35	0	Cs	230	1								1	6	.050			06-07
07 54	26.405			42	1															1					07-08
08 50	26.460			42	1															1					08-09
09 52	26.510			35	4	3	Sc	35	1	Ac	90	4	0	Ci	230	4				4	3	.130			09-10
10 50	26.550			36	9															9					10-11
11 54	26.560			41	10															9					11-12
12 50	26.550			37	10	9	Cu	M45	1	Ci	230	10								9	0	.040			12-13
13 50	26.560			33	10															7					13-14
14 51	26.570			30	10															9					14-15
15 56	26.570			26	10	2	Sc	50	0	Ac	120	2	10	As	E220	10				10	1	.020			15-16
16 56	26.590			22	10															10					16-17
17 51	26.600			22	10															10					17-18
18 52	26.620			25	10	2	Ac	120	10	Cs	E230	10								10	2	.050			18-19
19 51	26.630			24	10															7					19-20
20 56	26.630			26	10															5					20-21
21 54	26.640			30	10	10	Cs	200												3	3	.020			21-22
22 51	26.640			31	8															2					22-23
23 55	26.640			30	9															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		0	0		60	57										
	0348	1	0	0	0	62	57		0								
	0948	2	0	0	0	59	54		0								
	1550	3	0	0	0	60	53		0								
	2150	4	0	0	0	55	48		0								
	MID		0	0	0	49	47										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0952	1551	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.430	26.510	26.570	26.640
BAROGRAPH 64	26.420	26.500	26.560	26.630
BAR. CORR. 65	+.010	+.010	+.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
60	47	0	0	0	38	S	0752					7	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 0649 PST SUNSET 1705 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: 1044P / 2125P

1556/12 HR MAX 60/0820 2-4

☆ 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: JAN 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 (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0051	100 SCT E200 OVC	20			165	47	18	05	08		005	400 1077	EP
SA	0152	100 SCT E200 OVC	20			163	47	18	05	10		004		EP
SA	0250	E100 BKN 200 OVC	20			163	46	19	05	07		004		EP
SA	0358	140 SCT E200 BKN	20			157	45	18	04	11		003	808 1058 44 RAD4768078	RD
SA	0454	140 SCT E200 BKN	20			159	45	18	05	09		003		RD
SA	0556	140 SCT E200 OVC	20			159	46	18	05	08		003		RD
SA	0654	E130 BKN 200 BKN	20			156	45	18	04	09		002	803 1078	RD
SA	0753	130 SCT 200 SCT	20			159	46	18	03	07		003		RD
SA	0851	130 SCT 200 SCT	20			166	49	18	03	08		005		RD
SA	0955	200 - BKN	20			166	52	17	03	11		005	11Z 1056 44	RD
SA	1054	200 - BKN	20			164	55	16	22	03		004		RD
SA	1150	130 SCT E200 BKN	20			164	57	18	23	07		005		RD
SA	1252	200 - BKN	20			154	59	21	30	04		002	808 1058	RD
SA	1352	200 - BKN	20			146	59	22	15	04		000		RD
SA	1455	200 - BKN	20			145	59	24	20	06		000		RD
SA	1554	250 - OVC	20			145	58	24	00	00		999	608 1007 60 RADAT 20038	MR
SA	1656	250 - OVC	20			146	56	24	00	00		999		MR
SA	1755	E250 OVC	20			158	51	25	16	02		002		MR
SA	1856	E250 OVC	20			163	45	27	02	04		002	108 1007	MR
SA	1955	E250 OVC	20			163	44	26	08	04		002		MR
SA	2054	250 - OVC	20			161	42	26	07	03		002		MR
SA	2155	250 - OVC	20			160	41	26	05	03		002	400 1007 60	MR
SA	2252	250 - OVC	20			158	40	26	00	00		002		MR
SA	2352	250 - OVC	20			151	41	25	06	04		000		MR

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

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

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

☆U.S.GPO.1984-0-784-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JAN 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	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			31	10	4	Ac	100	10	CS	E200	10								9	4	.000			00-01
01 52	26.630			31	10															10					01-02
02 50	26.630			34	10															10					02-03
03 58	26.615			34	7	3	Ac	140	4	Cs	E200	7								5	8	.025			03-04
04 54	26.615			34	9															7					04-05
05 56	26.615			33	10															8					05-06
06 54	26.605			34	9	6	Ac	E130	3	Cs	200	9								8	8	.010			06-07
07 53	26.615			33	5															4					07-08
08 51	26.635			29	2															2					08-09
09 55	26.635			25	6	0	Ac	130	6	Cs	200	6								2	1	.030			09-10
10 54	26.630			21	8															3					10-11
11 50	26.635			22	7															5					11-12
12 52	26.610			24	7	0	Ac	130	7	Cs	200	7								3	8	.025			12-13
13 52	26.595			24	9															3					13-14
14 55	26.590			26	9															3					14-15
15 54	26.585			27	10	10	CS	250												5	6	.025			15-16
16 56	26.585			29	10															5					16-17
17 55	26.610			35	10															6					17-18
18 56	26.610			48	10	10	CS	E250												7	1	.025			18-19
19 55	26.610			50	10															7					19-20
20 54	26.610			53	10															4					20-21
21 55	26.610			56	10	10	CS	250												3	1	0(1)			21-22
22 52	26.610			56	10															2					22-23
23 52	26.595			53	10															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0351	X	0	0	X	47	44	X	X						X		
	0351	1	0	0	0	49	44		0								
	0951	2	0	0	0	53	44		0								
	1549	3	0	0	0	60	52		0								
	2149	4	0	0	0	58	40		0								
	MID.	X	0	0	0	61	38	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0357	0954	1552	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.615	26.635	26.585	26.610
BAROGRAPH 64	26.625	26.645	26.575	26.622
BAR. CORR. 65	+.010	+.010	+.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 UNTIL 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	38	0	0	0	12	NE	0634 1/					7	9		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0649 PST SUNSET 1706 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: 1053P / 1957P /

Changed Microbarograph at 1252 LST

1/ LAST OF SEVERAL OCCURENCES

0953 / app 110 / 1455

MF1-10A
(5-83)

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

STATION WSMO, DESERT ROCK NEVADA

DATE JAN 30 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	0055	250 -OVC	20			150	39	26	35	02		999	707 1007	MR
SA	0152	250 -OVC	20			140	39	26	16	02		997		MR
SA	0249	250 -OVC	20			136	42	24	00	00		996		MR
SA	0357	200 -OVC	20			135	40	26	06	04		996	612 1057 38 RADAT 27086	RD
SA	0451	E200 OVC	20			143	37	26	12	03		997		RD
SA	0552	E200 OVC	20			141	38	26	12	03		996		RD
SA	0652	170 SCT E200 OVC	20			144	36	27	14	04		996	802 1027	RD
SA	0751	170 SCT E200 OVC	20			144	39	27	30	03		996		RD
SA	0851	170 SCT E200 OVC	20			143	43	29	08	03		996		RD
SA	0956	E220 BKN	20			140	49	29	29	04		996	400 1008 35	RD
SA	1053	E220 BKN	20			134	53	29	03	04		994	FEW cu NW	RD
SA	1151	E220 BKN	20			124	56	30	35	04		992	FEW cu N	RD
SA	1251	220 -BKN	20			115	57	30	24	06		989	819 1008	RD
SA	1351	220 SCT	20			109	57	31	24	08		988		RD
SA	1451	220 -BKN	20			105	58	30	27	05		987	FEW cu E	RD
SA	1553	250 - OVC	20			109	56	30	00	00		987	505 1172 58 RADAT 65077	MR
SA	1651	250 -OVC	20			113	55	30	00	00		988		MR
SA	1753	250 -BKN	20			124	47	31	01	04		990		MR
SA	1856	250 -BKN	20			129	46	31	10	04		991	310 1001	MR
SA	1952	250 -BKN	20			136	43	30	06	02		993		MR
SA	2055	250 -BKN	20			142	40	30	32	02		995		MR
SA	2153	250 -~~BKN~~ SCT	20			136	46	28	04	06		995	114 1001 58	MR
SA	2251	250 -SCT	20			132	45	29	04	09		995		MR
SA	2351	CLR	20			126	44	30	04	09		993		MR

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

FM12-VII: Iliii $i_R i_x h$VV Nddff $1s_n$TTT $2s_n T_d T_d T_d$ $3P_oP_oP_oP_o$ 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: JAN 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	LOWEST LAYER AMT 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3 HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 55	26.590			59	10	10	Cs	250												1	7	.020			00-01
01 52	26.565			59	10															1					01-02
02 49	26.560			50	10															3					02-03
03 57	26.555			58	10	0	Ac	180	10	Cs	260	10								3	6	.035			03-04
04 51	26.565			64	10															6					04-05
05 52	26.555			63	10															6					05-06
06 52	26.550			70	10	2	As	170	10	Cs	E260	10								6	8	.005			06-07
07 51	26.550			62	10															7					07-08
08 51	26.550			58	10															7					08-09
09 56	26.550			46	9	9	Cs	E220												6	4	.000			09-10
10 53	26.540			40	8															5					10-11
11 51	26.520			37	8															5					11-12
12 51	26.495			36	8	8	Cs	220												4	8	.055			12-13
13 51	26.480			37	3															2					13-14
14 51	26.495			34	8															2					14-15
15 53	26.480			36	10	0	Cu	70	0	Ac	100	0	10	Ci	250	10				4	5	.015			15-16
16 51	26.435			37	10															5					16-17
17 53	26.500			54	9															4					17-18
18 56	26.510			55	7	7	Ci	250												2	3	.030			18-19
19 52	26.530			61	7															1					19-20
20 55	26.545			67	7															2					20-21
21 53	26.550			50	5	5	Ci	250												1	1	.040			21-22
22 51	26.545			53	5															1					22-23
23 51	26.530			58	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 0351	X	0	0	X	43	38	X	X						X		
	0351	1	0	0	0	43	38		0								
	0952	2	0	0	0	49	35		0								
	1550	3	0	0	0	58	49		0								
	2142	4	0	0	0	57	40		0								
	MID.	X	0	0	0	46	43	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0356	0955	1552	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.555	26.550	26.480	26.550
BAROGRAPH 64	26.547	26.540	26.465	26.540
BAR. CORR. 65	+.010	+.010	+.015	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 80	24-HR. MIN. TEMP. (°F) 81	24-HR. PRECIP. WATER EQUIV. (Ins.) 82	24-HR. SNOWFALL UNML'TD (Ins.) 83	SNOW DEPTH (Ins.) 84	PEAK WIND SPEED (Mph) 85	PEAK WIND DIRECTION 86	PEAK WIND TIME (L.S.T.) 87	THICKNESS OF ICE ON WATER (Ins.) 88	FROZEN GROUND LAYER (Ins.) INCHES 89	FROZEN GROUND LAYER (Ins.) WATER 90	RIVER GAGE 91	SKY COVER SUNRISE TO SUNSET 92	SKY COVER MIDNIGHT TO MIDNIGHT 93	WATER EQUIV. (Ins.) 94	95
58	35	0	0	0	12	NE	2302 1/					7	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 0648 SUNSET 1707

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: 10626 / 1639P /

2153/2153

1/ LAST OF SEVERAL OCCURENCES

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: JAN 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 (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0053	250 -SCT	20			126	41	30	03	09		993	607 1001	MR
SA	0151	250 -SCT	20			134	41	30	04	08		995		MR
SA	0250	CLR	20			132	43	30	04	09		995		MR
SA	0353	CLR	20			142	41	30	01	08		998	214 40	RD
SA	0452	CLR	20			141	44	30	05	06		998	RADAT 47464/1234	RD
SA	0553	CLR	20			155	43	29	07	10		000		RD
SA	0652	CLR	20			164	40	29	03	07		002	314 1100	RD
SA	0752	CLR	20			174	46	29	02	07		005		RD
SA	0851	CLR	20			177	49	28	05	10		007	FEW CI	RD
SA	0952	250 SCT	20			179	52	28	03	10		008	219 1006 37	RD
SA	1053	250 SCT	20			175	55	27	04	12		008		RD
SA	1157	250 - BKN	20			172	58	23	03	16		008		RD
SA	1255	250 -BKN	20			160	59	18	02	10		003	815 1001	RD
SA	1350	250 -BKN	20			153	60	18	03	10		001		RD
SA	1450	250 -SCT	20			150	60	17	01	10		001		RD
SA	1554	250 -OVC	20			167	60	12	02	12		005	307 1007 61 RADAT 28103	MR
SA	1651	250 -OVC	20			169	59	16	02	11		006		MR
SA	1751	250 -OVC	20			178	53	17	03	08		007		MR
SA	1853	250 -SCT	20			189	50	20	02	06		010	314 1001	MR
SA	1951	CLR	20			191	49	23	04	07		011		MR
SA	2054	CLR	20			190	48	25	19	02		012		MR
SA	2154	CLR	20			195	46	22	13	02		013	310 61	MR
SA	2252	CLR	20			197	47	24	08	08		014		MR
SA	2353	CLR	20			192	44	24	34	03		013		MR

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

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

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: JAN 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. 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	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	26.530			64	1	1	Ci	250												0	6	.020			00-01
01 51	26.550			66	1															0					01-02
02 50	26.550			60	0															0					02-03
03 53	26.570			65	0															0	2	.040			03-04
04 52	26.570			58	0															0					04-05
05 53	26.590			58	0															0					05-06
06 52	26.610			65	0	0	Cu	70												0	3	.040			06-07
07 52	26.640			51	0															0					07-08
08 51	26.650			44	0															0					08-09
09 52	26.665			39	4	4	Ci	250												3	2	.055			09-10
10 53	26.660			34	4															3					10-11
11 57	26.660			26	7															3					11-12
12 55	26.620			20	7	7	Ci	250												3	8	.045			12-13
13 50	26.600			19	6															2					13-14
14 50	26.600			18	2															0					14-15
15 54	26.640			15	10	10	Cs	250												2	3	.020			15-16
16 51	26.650			18	10															2					16-17
17 51	26.660			24	10															2					17-18
18 53	26.680			30	2	2	Ci	250												0	3	.040			18-19
19 51	26.685			36	0															0					19-20
20 54	26.695			40	0															0					20-21
21 54	26.710			39	0															0	3	.030			21-22
22 52	26.720			40	0															0					22-23
23 53	26.705			45	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		44	40										
	0350	1	0	0	0	46	40		0								
	0949	2	0	0	0	52	37		0								
	1550	3	0	0	0	61	52		0								
	2150	4	0	0	0	61	45		0								
	MID.		0	0	0	48	41										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0951	1553	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.570	26.665	26.640	26.710
BAROGRAPH 64	26.550	26.645	26.630	26.690
BAR. CORR. 65	+.020	+.020	+.010	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Knots) 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	37	0	0	0	21	VE	1224 J					5	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0647 SUNSET 1708

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 0655 / 1529 /

0652 / 47080 RADAT / 0628

J LAST OF SEVERAL OCCURENCES