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: 1985

LATITUDE: 36° 39' 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 4 AM	WIND AVERAGE SPEED [redacted] Knots	Peak SPEED [redacted] Knots	DIRECTION	[redacted] Ave. Stn. Press	* PERCENT OF POSSIBLE SUN	SKY COVER SUNRISE TO SUNSET (Tenths)	WEATHER OCCURRENCES	RH 04	10	16	22
1	47	32	40		25	0	0	0	0	11.2	30	NE	26.94	100	0		51	41	35	51
2	48	31	40		25	0	0	0	0	12.3	21	NE	27.01	100	3		58	43	37	57
3	51	32	42		23	0	0	0	0	11.7	18	NE	27.04	100	0		59	44	40	51
4	54	33	44		21	0	0	0	0	10.4	21	NE	27.01	98	4		57	43	35	64
5	54	29	42		23	0	0	0	0	6.0	19	NE	26.89	84	10		69	42	34	44
6	55	39	47		18	0	0	0	0	6.1	15	NE	26.73	2	10		54	45	41	65
7	44	39	42		23	0	0.68	0	0	5.4	26	S	26.57	0	10	R, L-, F	71	90	96	99
8	48	31	40		25	0	0.10	0	0	6.5	21	SW	26.51	34	8	T, RW-	93	92	54	90
9	51	28	40		25	0	0	0	0	2.5	14	NE	26.64	72	4		93	67	50	72
10	52	30	41		24	0	0	0	0	9.4	17	NE	26.81	100	0		77	61	49	68
11	47	31	39		26	0	0	0	0	13.7	24	NE	26.87	94	2		66	45	45	68
12	43	29	36		29	0	0	0	0	15.6	33	NE	26.85	100	0		54	50	36	71
13	53	29	41		24	0	0	0	0	15.3	24	NE	26.76	100	0		43	37	21	31
14	58	32	45		20	0	0	0	0	9.8	24	NE	26.78	100	0		37	29	21	57
15	57	26	42		23	0	0	0	0	8.5	24	NE	26.71	94	4		63	41	28	47
16	53	35	44		21	0	0	0	0	14.0	24	NE	26.87	100	0		45	32	30	46
17	62	33	48		17	0	0	0	0	8.6	22	NE	26.85	100	0		57	27	28	62
18	62	32	47		18	0	0	0	0	5.2	11	SW	26.70	100	0		75	47	34	61
19	65	31	48		17	0	0	0	0	8.6	22	NE	26.66	100	0		82	39	33	64
20	66	35	51		14	0	0	0	0	4.5	12	SW	26.63	100	0		67	44	31	80
21	60	31	46		19	0	0	0	0	8.0	23	NE	26.60	89	1		80	51	32	44
22	52	36	44		21	0	0	0	0	12.5	21	NE	26.67	25	[redacted] 8		46	43	36	53
23	49	32	41		24	0	0	0	0	9.9	18	NE	26.69	75	3		56	44	33	54
24	52	32	42		23	0	0	0	0	7.2	15	NE	26.73	83	2		53	50	35	70
25	53	33	43		22	0	0	0	0	5.6	15	SE	26.78	58	7		68	60	38	65
26	53	33	43		22	0	T	0	0	7.0	17	NE	26.67	22	9	RW-	77	55	44	88
27	53	30	42		23	0	0.01	0	0	5.8	15	NE	26.67	94	1	RW-	82	57	42	83
28	48	25	37		28	0	0	0	0	6.0	26	SW	26.55	58	4		83	64	49	78
29	48	25	37		28	0	0	0	0	6.1	17	NW	26.56	97	1		68	51	37	52
30	40	23	32		33	0	0	0	0	9.7	25	NE	26.62	78	3		48	35	54	48
31	35	19	27		38	0	0	0	0	10.8	30	NE	26.63	90	2		50	39	36	46
SUM	1613	956	—	—	722	0	0.79	0	—	273.9	—	—	829.00	—	92	—	1982	1508	1214	196
AVG	52.0	30.8	—	—	—	—	—	—	—	8.8	FASTEST	DIRECTION	[redacted]	%		—	64	49	39	6
[redacted]										MISC. →	33	NE	26.74	79	3.0	—				

TEMPERATURE DATA

AVERAGE MONTHLY 41.4 [redacted]

DEPARTURE FROM NORMAL -2.2

HIGHEST 66 ON 20

LOWEST 19 ON 31

NUMBER OF DAYS WITH –

MAX. 32° OR BELOW 0

MAX. 90° OR ABOVE 0

MIN. 32° OR BELOW 22

MIN. 0° OR BELOW 0

HEATING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 722

DEPARTURE FROM NORMAL 69

SEASONAL TOTAL 2280

DEPARTURE FROM NORMAL

COOLING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 0

DEPARTURE FROM NORMAL 0

SEASONAL TOTAL 0

DEPARTURE FROM NORMAL

*Estimated

PRECIPITATION DATA

TOTAL FOR THE MONTH 0.79 IN.

DEPARTURE FROM NORMAL IN.

GREATEST IN 24 HRS. .68 ON 7

SNOWFALL, ICE PELLETS

TOTAL FOR THE MONTH 0 IN.

GREATEST IN 24 HRS. ON

GREATEST DEPTH ON GROUND ON

WEATHER

NUMBER OF DAYS –

CLEAR (Scale 0–3) 20

PARTLY CLOUDY (Scale 4–7) 6

CLOUDY (Scale 8–10) 5

WITH 0.01 INCH OR MORE PRECIP. 3

WITH 0.10 INCH OR MORE PRECIP. 2

WITH 0.50 INCH OR MORE PRECIP. 1

WITH 1.00 INCH OR MORE PRECIP. 0

T = thunder-storm
R = rain
RW = rain shower
S = snow
SW = snow shower
F = fog

X = TORNADO

MAXIMUM PRECIPITATION

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

HIGHEST [redacted] Stn 27.08 IN. ON 3

LOWEST [redacted] 26.47 IN. ON 28

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

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

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 01 JAN 1985

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	CLR	20			270	34	19	01	12		032	102	EP
SA	0150	CLR	20			275	32	19	03	13		033		EP
SA	0250	CLR	20			273	35	16	05	10		033		EP
SA	0353	CLR	20			281	34	17	02	08		034	207 32 RADAT 38045	JC
SA	0455	CLR	20			284	34	16	03	08		034		JC
SA	0554	CLR	20			291	33	14	36	09		036		JC
SA	0653	CLR	20			300	34	17	05	09		038	314	JC
SA	0754	CLR	20			304	35	18	02	05		040		JC
SA	0852	CLR	20			310	37	22	03	14G20		042		JC
SA	0953	CLR	20			312	41	19	10	10G18		043	214 32	JC
SA	1054	CLR	20			304	43	19	05	17G24		041		JC
SA	1155	CLR	20			290	45	19	05	15G23		037		JC
SA	1255	CLR	20			281	47	20	05	17 G24		035	224	JC
SA	1354	CLR	20			290	47	20	04	12		037		JC
SA	1450	CLR	20			289	47	21	03	05		037		JC
SA	1551	CLR	20			292	45	19	03	08		037	107 47 RADAT 20073	EP
SA	1652	CLR	20			295	41	21	01	12		037		EP
SA	1750	CLR	20			303	39	20	05	09		040		EP
SA	1853	CLR	20			308	36	20	06	11		041	210	EP
SA	1950	CLR	20			311	34	22	06	08		041		EP
SA	2050	CLR	20			306	36	19	06	13		041		EP
SA	2151	CLR	20			312	35	18	05	14		043	307 47	EP
SA	2250	CLR	20			317	34	18	05	14		044		EP
SA	2351	CLR	20			318	34	18	05	11		045		EP

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-76) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 02 JAN 1985

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 51	27.010	32.8	27.8	54	0															0	2	.030			00-01
01 50	27.010	34.2	28.2	47	0															0					01-02
02 51	27.020	33.3	27.8	50	0															0					02-03
03 53	27.000	33.2	28.6	58	0															0	8	.010			03-04
04 52	26.990	33.4	28.6	56	0															0					04-05
05 54	27.000	31.7	27.2	56	0															0					05-06
06 53	27.030	32.7	27.0	47	0															0	3	.030			06-07
07 54	27.040	34.1	28.9	54	0															0					07-08
08 55	27.050	37.5	30.6	45	2															0					08-09
09 53	27.050	39.9	32.3	43	4	4	Ci	250												0	1	.020			09-10
10 54	27.040	41.9	33.9	43	3															0					10-11
11 55	27.000	44.7	35.9	41	5															0					11-12
12 56	26.990	45.0	36.0	40	7	7	Ci	250												0	7	.060			12-13
13 54	26.990	47.2	38.0	42	3															0					13-14
14 50	26.990	48.2	39.0	43	2															0					14-15
15 52	26.980	46.0	36.3	37	1	1	Ci	250												0	8	.010			15-16
16 51	26.980	42.0	35.1	50	0															0					16-17
17 50	26.980	39.1	33.0	53	0															0					17-18
18 50	26.980	37.7	32.1	55	0	0	Ci	250												0	4	.000			18-19
19 50	26.985	37.0	31.6	57	0															0					19-20
20 51	26.990	36.9	31.2	54	0															0					20-21
21 52	27.000	35.4	30.4	58	0															0	3	.020			21-22
22 51	27.020	35.6	30.4	56	0															0					22-23
23 50	27.020	36.0	30.5	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 0849	X	0	0	X	34	32	X	X						X		
	0849	1	0	0	0	35	32		0								
	0950	2	0	0	0	40	31		0								
	1548	3	0	0	0	48	40		0								
	2148	4	0	0	0	46	35		0								
	MID.	X	0	0	0	36	35	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0951	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	27.000	27.050	26.980	27.000
BAROGRAPH 64	27.000	27.050	26.990	27.005
BAR. CORR. 65	±0	±0	-.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
48	31	0	0	0	21	NE	1948					3	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 SUNSET

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 AT: 0901P ⊕0 Sec./ 2200 ⊕0 Sec./ ± Sec.

0353P/0351P 0353P/APP 803/0900 1-9-85

0953/1001/0902 1-9-85

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 02 JAN 1985

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERIES INITIALS (15)
SA	0051	CLR	20			320	33	18	05	10		046	210	EP
SA	0150	CLR	20			319	34	16	04	15		046		EP
SA	0251	CLR	20			324	33	17	04	14		047	~~803~~	EP
SA	0353	CLR	20			319	33	20	02	10		045	803 32 RADAT 31057	JC
SA	0452	CLR	20			317	33	20	05	12		044		JC
SA	0554	CLR	20			323	32	18	10	05		045		JC
SA	0653	CLR	20			335	33	15	35	10		048	310	JC
SA	0754	CLR	20			340	34	19	05	06		049		JC
SA	0853	250 -SCT	20			340	38	18	03	12		051	1001	JC
SA	0953	250 -SCT	20			339	40	19	04	12		051	10731	JC
SA	1054	250 -SCT	20			335	42	21	04	12		049		JC
SA	1155	250 -SCT	20			319	45	23	05	14		045		JC
SA	1256	250-BKN	20			315	45	22	03	15		044	720 1001	JC
SA	1357	250-SCT	20			312	47	25	04	12		044		JC
SA	1450	250-SCT	20			311	48	27	02	13		044		JC
SA	1552	250-SCT	20			310	46	21	06	10		043	803 1001 48 RADAT 40085	EP
SA	1651	CLR	20			312	42	25	05	12		043		EP
SA	1750	CLR	20			315	39	23	05	12		043		EP
SA	1850	CLR	20			315	38	23	03	14		043	400 1001	EP
SA	1950	CLR	20			316	37	23	04	16		043		EP
SA	2051	CLR	20			317	37	22	05	15		044		EP
SA	2152	CLR	20			320	35	22	05	16		045	307 48	EP
SA	2251	CLR	20			326	36	22	04	13		047		EP
SA	2350	CLR	20			324	36	21	04	15		047		EP

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation 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$_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 03 JAN 1985

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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	27.025	36.0	30.5	54	0															0	1	.025				00-01
01 52	27.040	35.2	30.1	56	0															0						01-02
02 50	27.040	35.5	30.1	54	0															0						02-03
03 53	27.020	33.6	29.0	58	0															0	8	.005				03-04
04 54	27.020	33.6	28.7	56	0															0						04-05
05 54	27.030	32.8	28.4	59	0															0						05-06
06 53	27.050	33.0	28.4	58	0															0	3	.030				06-07
07 52	27.070	36.1	30.5	53	0															0						07-08
08 54	27.080	39.9	32.4	43	0															0						08-09
09 54	27.075	41.0	33.3	44	0															0	1	.025				09-10
10 55	27.065	45.3	36.1	39	0															0						10-11
11 50	27.035	46.5	37.0	39	0															0						11-12
12 53	27.010	48.7	38.4	37	0															0	8	.025				12-13
13 53	27.000	48.8	38.3	36	0															0						13-14
14 53	27.000	50.1	39.4	37	0															0						14-15
15 52	27.000	48.8	38.9	40	0															0	6	.010				15-16
16 52	27.010	44.4	36.6	47	0															0						16-17
17 52	27.020	39.2	33.8	58	0															0						17-18
18 52	27.030	40.0	33.9	54	0															0	2	.030				18-19
19 55	27.040	37.2	31.9	58	0															0						19-20
20 54	27.040	38.9	32.2	57	0															0						20-21
21 54	27.040	38.0	31.8	52	0															0	1	.010				21-22
22 53	27.050	37.2	31.3	52	0															0						22-23
23 55	27.050	36.9	31.2	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 0349	X	0	0	X	36	33	X	X						X		
	0349	1	0	0	0	36	33		0								
	0950	2	0	0	0	41	32		0								
	1548	3	0	0	0	51	41		0								
	2150	4	0	0	0	49	36		0								
	MID.	X	0	0	0	38	36	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0953	1550	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	27.020	27.075	27.000	27.040
BAROGRAPH 64	27.020	27.075	27.000	27.040
BAR. CORR. 65	0	0	±0.0	±0.0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'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
51	32	0	0	0	19	NE	2153					0	0		

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE ____ SUNSET ____

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

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

TIME CHECK - CLOCK AT: 0557P ± 0 Sec./ 2351 ⓒ 0 Sec./ ± Sec.

WEATHER & OBSTRUCTIONS TO VISION

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

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 0 3 JAN 1985

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (15)
SA	0050	CLR	20			324	36	21	06	16		049	108	EP
SA	0152	CLR	20			331	35	21	04	12		049		EP
SA	0250	CLR	20			330	36	21	05	09		049		EP
SA	0353	CLR	20			324	34	21	04	10		047	802 33 RADAT 45061	JD
SA	0454	CLR	20			327	34	19	05	10		047		JD
SA	0554	CLR	20			333	33	20	05	10		048		JD
SA	0653	CLR	20			341	33	20	05	09		050	310	JD
SA	0752	CLR	20			348	36	21	06	07		053		JD
SA	0854	CLR	20			349	40	20	08	09		054		JD
SA	0954	CLR	20			349	41	21	06	10		054	108 32	JD
SA	1055	CLR	20			340	45	22	06	09		052		JD
SA	1150	CLR	20			329	47	23	08	06		049		JD
SA	1253	CLR	20			318	49	24	12	13		046	822	JD
SA	1353	CLR	20			315	49	23	08	10	G17	045		JD
SA	1453	CLR	20			313	50	25	05	08		045		JD
SA	1552	CLR	20			315	49	25	01	07		045	603 51 RADAT 52L064081098	WRC
SA	1652	CLR	20			322	49	26	07	09		046		WRC
SA	1752	CLR	20			328	39	26	01	10		047		WRC
SA	1852	CLR	20			332	40	25	04	10		048	210	WRC
SA	1955	CLR	20			336	37	24	05	11		049		WRC
SA	2054	CLR	20			334	39	25	05	17		049		WRC
SA	2154	CLR	20			334	38	22	04	14		049	1 03 51	WRC
SA	2253	CLR	20			335	37	22	04	14		050		WRC
SA	2355	CLR	20			335	37	22	03	17		050		WRC

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIIii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 JAN 04

To convert LST to GMT ADD 4 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	27.050	37.4	31.3	52	0															0	1	.010			00-01
01 56	27.060	35.6	30.2	54	0															0					01-02
02 50	27.050	35.3	29.9	54	0															0					02-03
03 55	27.020	34.9	29.9	57	0															0	8	.030			03-04
04 55	27.030	35.2	30.0	55	0															0					04-05
05 53	27.030	34.7	29.7	57	0															0					05-06
06 55	27.040	34.7	29.7	57	2	2	Ci	250												0	3	.020			06-07
07 51	27.050	36.6	30.8	53	3															0					07-08
08 51	27.065	41.6	34.0	45	4															0					08-09
09 55	27.060	43.8	33.4	40	5	5	Ci	250												0	0	.040			09-10
10 54	27.030	46.3	36.6	38	5															0					10-11
11 51	27.010	49.1	38.6	37	3															0					11-12
12 52	26.990	51.3	39.8	34	2	2	Ci	250												0	7	.070			12-13
13 53	26.990	52.6	40.8	34	2															0					13-14
14 50	26.980	52.9	41.3	36	4															0					14-15
15 52	26.980	52.3	40.8	36	5	5	Ci	250												2	6	.010			15-16
16 52	26.980	45.2	37.4	51	6															3					16-17
17 52	26.980	42.4	36.1	55	6															2					17-18
18 52	26.980	42.3	35.5	50	3	3	Ci	250												1	4	.000			18-19
19 52	26.990	39.0	33.7	59	4															2					19-20
20 53	26.990	37.9	33.0	61	2															1					20-21
21 52	26.990	36.2	31.9	64	3	3	Ci	250												1	1	.010			21-22
22 52	27.000	35.2	31.0	64	4															2					22-23
23 52	27.000	36.0	31.1	59	6															3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	38	34	X	X						X		
	0349	1	0	0	0	38	34		0								
	0949	2	0	0	0	44	33		0								
	1548	3	0	0	0	54	44		0								
	2148	4	0	0	0	52	35		0								
	MID.	X	0	0	0	37	34	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0952	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	27.020	27.060	26.980	26.980
BAROGRAPH 64	27.035	27.065	26.985	26.995
BAR. CORR. 65	-.015	-.005	-.005	-.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
54	33	0	0	0	21	NE	0658					4	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE ____ SUNSET ____

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 AT: 0457P ± 0 Sec./ 2346P ± 0 Sec./ ± Sec.

MF1-10A
(1-62)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 JAN 04

TO CONVERT LST TO GMT ADD 4 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100's) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0053	CLR	20			334	37	21	03	17		050	103	WRG
SA	0158	CLR	20			338	36	21	05	13		051		WRG
SA	0250	CLR	20			333	35	20	03	13		050		WRG
SA	0355	CLR	20			323	35	21	05	12		047	810 34 RADAT 20101	JD
SA	0455	CLR	20			328	35	21	04	13		048		JD
SA	0553	CLR	20			333	35	21	04	11		048		JD
SA	0655	250 -SCT	20			335	35	21	04	12		049	307 1005	JD
SA	0751	250 -SCT	20			340	37	21	05	12		050		JD
SA	0851	250 -SCT	20			341	42	22	05	10		052		JD
SA	0953	250 -SCT	20			339	44	21	04	10		051	007 1006 33	JD
SA	1054	250 -SCT	20			326	46	22	04	10		048		JD
SA	1151	250 -SCT	20			317	49	24	03	12		046		JD
SA	1252	250 -SCT	20			307	51	24	06	05		044	724 1001	JD
SA	1353	250 -SCT	20			309	53	25	03	10		044		JD
SA	1450	250 -SCT	20			304	53	26	03	07		043		JD
SA	1552	250 - SCT	20			304	52	26	05	09		043	603 1001 54 RADAT 20123	WRG
SA	1652	250 - BKN	20			308	45	28	04	10		043		WRG
SA	1752	250 - BKN	20			311	42	27	03	13		043		WRG
SA	1852	250 - SCT	20			311	42	25	03	15		043	400 1001	WRG
SA	1952	250 - SCT	20			315	39	26	06	12		044		WRG
SA	2053	250 - SCT	20			314	38	26	06	07		044		WRG
SA	2152	250 - SCT	20			314	36	25	13	09		044	103 1001 54	WRG
SA	2252	250 - SCT	20			316	35	24	12	07		045		WRG
SA	2352	250 - BKN	20			315	36	23	07	05		045		WRG

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation 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 $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 JAN 05

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	27.010	36.0	31.1	59	7	7	CS	250												3	2	.020			00-01
01 52	27.000	34.6	30.2	62	5															2					01-02
02 50	27.000	30.6	28.0	73	4															2					02-03
03 52	26.970	33.3	29.9	69	9	9	CS	250												0	8	.040			03-04
04 51	26.955	33.3	29.9	69	10															1					04-05
05 53	26.955	33.2	29.2	63	8															0					05-06
06 53	26.970	31.6	28.0	65	8	8	CS	250												1	5	.000			06-07
07 53	26.970	36.9	31.5	56	8															0					07-08
08 51	26.970	41.8	34.4	46	10															0					08-09
09 52	26.960	44.7	36.0	42	10	10	CS	250												0	8	.010			09-10
10 53	26.935	47.5	37.6	38	10															0					10-11
11 53	26.895	49.7	38.7	35	10															0					11-12
12 52	26.870	51.4	39.8	34	10	10	CS	250												1	7	.090			12-13
13 55	26.840	52.4	40.2	32	10															1					13-14
14 50	26.830	51.2	40.0	36	10															6					14-15
15 52	26.820	50.2	39.0	34	10	1	AC	140	10	CS	E200	10								7	7	.050			15-16
16 52	26.810	45.0	37.0	47	10															7					16-17
17 52	26.810	44.6	37.0	49	10															7					17-18
18 52	26.810	46.2	37.2	42	10	6	AC	E140	4	CS	200	10								8	6	.010			18-19
19 52	26.820	43.7	35.8	46	10															5					19-20
20 52	26.800	42.2	35.0	49	10															5					20-21
21 52	26.800	43.9	35.7	44	10	6	AC	E140	4	CS	200	10								8	6	.010			21-22
22 52	26.800	42.9	35.3	47	10															5					22-23
23 52	26.790	41.6	35.6	58	10															4					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348		0	0		37	29										
	0348	1	0	0	0	37	29		0								
	0948	2	0	0	0	45	30		0								
	1548	3	0	0	0	54	45		0								
	2148	4	0	0	0	50	41		0								
	MID.		0	0	0	44	41										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0357	0950	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.970	26.960	26.840	26.800
BAROGRAPH 64	26.965	26.955	26.845	26.800
BAR. CORR. 65	+.005	+.005*	-.005*	±0.0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
54	29	0	0	0	19	NE	1926					10	9		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE ____ SUNSET ____

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 AT: 0507P ±0 Sec./ 2248P ⊕0 Sec./ ± Sec.

* Barograph changed 1015P 0 Corr.

MF1-10B (1-82)

SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1124

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 JAN 05

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. INTERVAL (15)
SA	0052	250 - BKN	20			316	36	23	09	07		046	207 1008	WRC
SA	0152	250 - SCT	20			312	35	23	36	04		045		WRC
SA	0250	250 - SCT	20			314	31	23	34	07		045		WRC
SA	0352	250 - BKN	20			300	33	24	05	07		042	814 1008 29	/
													RADAT 70L034121	JD
SA	0451	250 - OVC	20			300	33	24	03	03		041		JD
SA	0553	250 - BKN	20			303	33	22	11	03		041		JD
SA	0653	250 - BKN	20			310	32	21	01	02		042	500 1008	JD
SA	0753	250 - BKN	20			309	37	23	08	05		042		JD
SA	0851	250 - OVC	20			306	42	23	31	03		041		JD
SA	0952	250 - OVC	20			300	45	23	03	06		041	803 1007 29	JD
SA	1053	250 - OVC	20			290	48	23	03	07		038		JD
SA	1153	250 - OVC	20			273	50	23	03	05		034		JD
SA	1252	250 - OVC	20			262	51	24	36	03		031	730 1007	JD
SA	1355	250 - OVC	20			250	52	24	02	03		027		JD
SA	1450	E250 OVC	20			251	51	25	04	09		026		JD
SA	1552	140 SCT E200 OVC	20			246	50	23	03	09		025	717 107854 RADAT 20115	WR
SA	1652	140 SCT E200 OVC	20			245	45	26	05	07		024		WRC
SA	1752	140 SCT E200 OVC	20			245	45	26	05	08		024		WRC
SA	1852	E140 BKN 2000VC	20			245	46	24	02	05		024	603 1078	WRC
SA	1952	140 SCT 200 - OVC	20			240	44	24	04	16		023		WRC
SA	2052	140 SCT 200 - OVC	20			238	42	24	04	07		023		WRC
SA	2152	E140 BKN 200 OVC	20			235	44	24	04	09		023	603 107754	WRC
SA	2252	140 SCT 200 - OVC	20			234	43	24	08	05		023		WRC
SA	2352	140 SCT 200 - OVC	20			231	42	28	07	04		022		WRC

A synoptic observation, in WMO code former FM12-VII, is entered on line following related aviation 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$_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 JAN 06

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 52	26.780	41.9	35.1	51	10	4	Ac	140	6	CS	E200	10								9	8	.020			00-01
01 52	26.780	43.0	35.6	48	10															8					01-02
02 50	26.780	42.0	35.0	50	10															4					02-03
03 51	26.760	42.0	35.7	55	10	2	Ac	140	8	CS	E200	10								6	8	.020			03-04
04 48	26.780	41.6	35.4	55	10															8					04-05
05 52	26.760	40.6	35.0	58	10															10					05-06
06 54	26.770	41.0	35.5	59	10	4	Ac	130	6	CS	E200	10								10	3	.010			06-07
07 50	26.785	41.2	35.5	58	10															10					07-08
08 51	26.785	43.6	37.7	58	10															10					08-09
09 52	26.785	48.0	39.3	46	10	2	Ac	130	8	CS	E200	10								10	1	.015			09-10
10 51	26.765	50.0	40.2	42	10															10					10-11
11 51	26.730	51.2	41.3	42	10															8					11-12
12 52	26.710	54.2	42.5	37	10	8	Ac	E120	2	CS	200	10								10	7	.075			12-13
13 51	26.685	52.6	41.3	37	10															10					13-14
14 48	26.680	51.3	40.4	37	10															10					14-15
15 58	26.680	49.8	40.0	41	10	10	Ac	E100												10	6	-.030			15-16
16 52	26.680	48.0	40.0	50	10															10					16-17
17 55	26.690	47.0	39.5	52	10															10					17-18
18 52	26.700	46.8	39.0	50	10	10	Ac	E100												10	3	.020			18-19
19 54	26.690	44.1	39.0	64	10															10					19-20
20 57	26.680	45.0	39.0	59	10															9					20-21
21 52	26.680	44.0	39.0	65	10	9	Ac	E100	1	CS	250	10								10	6	.020			21-22
22 57	26.670	42.8	39.0	72	10															10					22-23
23 59	26.680	43.0	39.0	71	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 0346	X	0	0	X	43	40	X	X						X		
	0346	1	0	0	0	44	40		0								
	0947	2	0	0	0	48	39		0								
	1550	3	0	0	0	55	48		0								
	2148	4	0	0	0	50	44		0								
	MID.	X	0	0	0	44	42	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0949	1558	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.760	26.785	26.680	26.680
BAROGRAPH 64	26.760	26.780	26.680	26.680
BAR. CORR. 65	±0	+.005	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'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
55	39	0	0	0	15	NE	0458					10	10		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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 AT: 0450P ±0 Sec./ 1905P ±0 Sec./ ± Sec.

1558P/1558P

MF1-10B (1-82) SUPERSEDES MF1-10B (2-70) WHICH MAY BE USED. ☆U.S. G.P.O. 1982-564-008/1124

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 JAN 06

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERIES INITIALS (15)
SA	0052	140 SCT E200 OVC	20			224	42	25	35	03		021	807 1077	WRG
SA	0152	140 SCT E200 OVC	20			223	43	25	02	04		021		WRG
SA	0250	140 SCT 200 - OVC	20			224	42	25	07	06		021		WRG
SA	0351	140 SCT E200 OVC	20			218	42	27	13	05		018	807 1077 40	SH
—	—		—			—						—	RADAT 20113	—
SA	0448	140 SCT E200 OVC	20			216	42	27	06	04		017		SH
SA	0552	140 SCT E200 OVC	20			223	41	27	03	09		018		SH
SA	0654	130 SCT E200 OVC	20			224	41	28	18	03		019	303 1077	SH
SA	0750	130 SCT E200 OVC	20			232	41	28	11	02		022		SH
SA	0851	130 SCT E200 OVC	20			231	44	30	18	05		022		SH
SA	0952	130 SCT E200 OVC	20			227	48	28	12	06		022	105 1077 39	SH
SA	1051	120 SCT E200 OVC	20			218	50	28	13	09		019		SH
SA	1151	120 SCT E200 OVC	20			205	51	29	15	05		015		SH
SA	1252	E120 BKN 200 OVC	20			196	54	28	17	07		013	725 1077	SH
SA	1351	E120 BKN 200 OVC	20			187	53	27	12	11		011		SH
SA	1448	E110 BKN 200 OVC	20			186	51	26	12	10		010		SH
SA	1558	E100 OVC	20			188	50	27	13	12		010	610 10 3/ 55 RADAT 59106	CG
SA	1652	E100 OVC	20			189	48	30	11	08		010		CG
SA	1755	E100 OVC	20			194	47	30	11	07		011		CG
SA	1852	E100 OVC	20			198	47	29	12	05		012	307 1071	CG
SA	1954	E100 OVC	20			195	44	33	05	03		011		CG
SA	2052	E100 BKN 250 OVC	20			189	45	32	12	10		010		CG
SA	2152	E100 BKN 250 OVC	20			187	44	33	30	03		010	601 1018 55	CG
SA	2257	E100 OVC	20			182	43	35	11	04		008		CG
SA	2359	E100 OVC	20			185	43	34	09	05		010		CG

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Hiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW_1W_2 $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 JAN 07

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.680	43.8	38.2	61	10	10	AC	F100												10	4	.000			00-01
01 58	26.670	43.4	38.0	62	10															10					01-02
02 55	26.650	43.8	37.7	58	10															10					02-03
03 51	26.640	43.0	39.0	71	10	10	SC	E80												10	7	.040			03-04
04 53	26.620	42.6	39.4	70	10															10					04-05
05 51	26.620	42.4	38.1	69	10															10					05-06
06 53	26.630	40.6	39.0	87	10	10	SC	E60												10	5	.010			06-07
07 50	26.640	40.0	39.2	94	10															10					07-08
08 50	26.650	40.3	39.6	94	10															10					08-09
09 53	26.650	41.2	40.0	91	10	6	STRA	M22	4	SC	28	10								10	1	.020			09-10
10 48	26.630	41.5	40.2	90	10															10					10-11
11 52	26.600	40.4	39.8	95	10															10					11-12
12 50	26.575	40.8	40.0	97	10	5	STRA	5	5	SC	E15	10								10	7	.075			12-13
13 50	26.530	41.0	40.6	97	10															10					13-14
14 50	26.510	41.2	40.4	94	10															10					14-15
15 56	26.520	41.0	40.6	97	10	10	STRA	M11												10	5	.055			15-16
16 54	26.510	40.8	40.6	98	10															10					16-17
17 57	26.500	41.0	40.8	99	10															10					17-18
18 55	26.500	41.0	40.9	99	10	10	STRA	E11												10	6	.020			18-19
19 52	26.500	42.1	42.0	99	10															10					19-20
20 57	26.490	42.3	42.0	98	10															10					20-21
21 59	26.480	42.1	42.0	99	10	6	STRA	E7	4	SC	20	10								10	8	.020			21-22
22 52	26.470	42.4	41.0	90	10															10					22-23
23 56	26.470	41.2	40.0	91	9															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 0347		T	0		44	41										
	0347	1	T	0	0	44	41		1								
	0949	2	.12	0	0	43	34		2								
	1549	3	.10	0	0	42	40		2								
	2153	4	.45	0	0	43	40		2								
	MID.		.01	0	0	43	41										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0951	1556	2159
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.640	26.650	26.520	26.480
BAROGRAPH 64	26.35	26.640	26.500	26.480
BAR. CORR. 65	+.005	+.010	+.020	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
44	39	.68	0	0	26	5	2253					10	10		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0315	0330			
RW-	0535	0120			
R-	0720	0932			
F	1142	1340			
L-	1220	1405			
RW-	1520	1827			
F	1549	2054			
R-	1827	1840			
R	1840	2040			
RW-	2208	2310			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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 AT: 0526P ± 0 Sec. / 2015P ± 0 Sec. / ± Sec.

1250/1250

1350/1350 1556/1556

2356P/2358P

1556P APPR 5710/1400P 14

0833P/1[illegible] 17//1400P 14

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 JAN 07

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100's °) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OP. INITIALS (15)
SA	0053	E100 OVC	20			183	44	31	13	06		010	400 107/	CG
SA	0158	E100 OVC	20			181	43	31	09	05		008		CG
SA	0255	E100 OVC	20			174	44	30	04	03		006		CG
SA	0351	E80 OVC	20			171	43	34	18	03		005	RB15E30/ 71400 15// 41	SH
	—		—			—						—	RADAT 79081	—
SA	0453	E80 OVC	20			165	43	33	05	03		003		SH
SA	0551	E70 OVC	20		RW-	166	42	33	03	06		003	RB35	SH
SA	0653	E60 OVC	20		RW-	170	41	37	35	04		004	S0302 15//	SH
SA	0750	E40 OVC	15		R-	177	40	38	13	03		005		SH
SA	0850	15 SCT E30 OVC	15		R-	181	40	39	12	04		006		SH
SP	0906	M18 BKN 30 OVC	15		R-				13	06		006		SH
SA	0953	M22 BKN 28 OVC	20			181	41	39	12	08		006	RE32/ 10712 15// 39	SH
SP	1020	18 SCT M32 OVC	20						05	04		005		SH
SA	1048	18 SCT E32 OVC	20			174	42	39	34	02		004		SH
SP	1143	5 SCT E18 BKN 32 OVC	5		F				23	04		002		SH
SA	1152	5 SCT E18 OVC	4		F	162	40	39	00	00		001		SH
SA	1250	5 SCT E15 OVC	4		L-F	152	40	40	31	04		998	LB20/ 72500 15//	SH
SA	1350	5 SCT E22 OVC	15		L-	136	40	40	10	04		993	VSBY LWR N	SH
SP	1408	10 SCT E31 OVC	20						12	08		992	LE05	SH
RS	1450	E13 BKN 28 OVC	20			127	41	40	13	09		991	LE05	SH
RS SA	1558	M11 OVC	4		RW-F	131	41	40	16	03		992	RB20/ 51961 10 17// 43	CG
													RADAT 99064	
SP	1608	M11 OVC	3/4		RW-F				17	02		990		CG
RS	1654	M11 OVC	2		RW-F	128	41	40	29	05		991		CG
SP	1730	E11 OVC	4		RW-F				07	02		991		CG
SA	1757	E11 OVC	5		RW-F	124	41	41	24	02		990		CG
SP	1821	E11 OVC	2		R-F				14	03		987		CG
SA	1855	E11 OVC	2		RF	124	41	41	28	05		987	60722 17//	CG
RS	1952	E7 OVC	2		RF	124	42	42	25	11		987		CG
RS	2057	E7 BKN 150VC	7			121	42	42	18	05		988	RE40	CG
SA	2159	E7 BKN 20 OVC	10			116	43	43	23	10		987	80746 17// 44	CG
SA	2252	E7 BKN 20 OVC	7		RW-	112	42	40	15	15		986	RB08	CG
RS SA	2356	7 BROSCT E20 BKN	15			113	41	39	23	10		986	RE10	CG

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Iiiii $i_R i_x$hVV Ndddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8$N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 JAN 08

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.
0058	26.470	40.2	39.8	97	7	1	CB	20	6	SC	E25	7								7	6	.010			00-01
0152	26.480	40.8	40.2	98	8															8					01-02
0255	26.490	40.3	39.6	95	10															10					02-03
0354	26.480	38.4	37.6	93	10	10	CB	E20												10	0	.010			03-04
0451	26.470	38.0	37.5	96	10															10					04-05
0551	26.480	37.2	37.0	97	10															10					05-06
0656	26.485	35.3	35.0	98	10	4	STRA	20	2	SC	E40	6	4	CI	200	10				8	3	.005			06-07
0752	26.500	37.0	36.6	96	10															10					07-08
0852	26.510	38.2	37.7	96	8															8					08-09
0953	26.520	40.3	39.4	93	6	2	SC	11	0	AC	120	2	4	CI	200	6				2	2	.035			09-10
1053	26.500	42.6	40.0	81	5															5					10-11
1148	26.485	43.3	40.0	76	6															6					11-12
1250	26.470	47.4	41.5	62	8	1	SC	25	8	CS	200	8								2	7	.050			12-13
1351	26.475	47.0	40.0	55	10															6					13-14
1450	26.490	48.1	40.0	49	7															5					14-15
1554	26.490	46.0	39.0	54	6	5	SC	25	1	CS	E200	6								6	1	.020			15-16
1658	26.510	42.2	37.7	67	6															6					16-17
1757	26.530	40.0	36.3	71	4															4					17-18
1852	26.540	36.7	35.0	85	4	4	AC	160												4	2	.050			18-19
1959	26.560	35.1	33.8	92	1															1					19-20
2057	26.570	35.0	33.4	85	0															0					20-21
2153	26.570	33.0	32.0	91	0	0	AC	160												0	1	.030			21-22
2257	26.580	32.3	31.4	92	0															0					22-23
2356	26.580	30.5	30.0	94	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		.07	0		41	38										
	0349	1	.08	0	0	43	38		2								
	0946	2	.03	0	0	40	35		1								
	1550	3	0	0	0	48	40		1								
	2149	4	0	0	0	46	33		1								
	MID.		0	0	0	33	31										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0948	1554	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.480	26.540	26.490	26.560
BAROGRAPH 64	26.470	26.505	26.490	26.550
BAR. CORR. 65	+0.010	+0.015	0	+0.020

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
48	31	.10	0	0	21	SW	1206					8	6		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	0102	0208			
RW-	0232	0440			
T	0247	0314			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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 AT: 0552P ± 0 Sec./ 1810P ± 0 Sec./ ± Sec.

0058P/0658P

0243P/0243P

~~0243P RMKS 2033/1500P 14~~ NOT NEEDED

0255P RMKS 2032/1500P 14

0656P RMKS 1702/1510P 14

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 JAN 08

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=360) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (15)
SA	0058	20 SCT E25 BKN	20			113	40	39	29	05		986	CB NW / ~~1900~~ 60301 1900	CG
SP	0102	20 SCT E25 BKN	20		T				30	06		986	T NW CONL LTGIC TB02	CG
SA	0152	E20 BKN	20		T	117	41	40	24	07		987	T NW-N MOVE N LTGIC TB02	CG
SP	0209	E20 BKN	20						32	06		987	TE08 MOVD N	CG
SP	0243	E20 OVC	20		TRW-				30	08		988	~~TB42~~ T NW ~~MOVE N~~	CG
SA	0255	E20 OVC	20		TRW-	121	40	39	31	07		988	TE08B42 T NW LTGIC MOVE N	CG
SP	0310	E20 OVC	20		RW-				32	11		987	TE14 MOVD N	SH
SA	0354	E20 OVC	20		RW-	119	38	37	35	09		987	TE14 MOVD N 100308	SH
													1911 38 20075	
	—		—			—						—	RADAT 83055	—
SA	0457	E28 OVC	20			115	38	37	20	02		986	RE40	SH
SA	0551	E25 OVC	20			120	37	37	34	02		987		SH
SP	0628	20 SCT E40 BKN 2000 OVC	20						34	05		987		SH
SA	0656	20 SCT E40 BKN 2000 OVC	20			122	35	35	33	04		988	GF LYR S / 30203 1502	SH
SA	0757	11 SCT E40 BKN 2000 OVC	20			126	37	36	23	05		990	BINOVC	SH
SA	0852	11 SCT E40 BKN 200 BKN	20			128	38	37	24	02		991		SH
SA	0953	11 SCT 120 SCT 200 - BKN	20			132	40	38	23	09		992	21203 1571 35	SH
SA	1053	13 SCT 120 SCT	20			123	43	37	24	12		990		SH
SA	1148	25 SCT E200 BKN	20			117	43	36	21	10		988		SH
SA	1250	25 SCT 200 - BKN	20			109	47	35	18	10		986	717 1508	SH
SA	1357	25 SCT E200 OVC	20			111	47	32	31	07		987		SH
SA	1450	25 SCT E200 BKN	20			116	48	30	30	12		988		SH
SA	1554	25 SCT E200 BKN	20			120	46	30	31	10		988	107 1508 48 RADAT 65058	CG
SA	1658	25 SCT E160 BKN	20			127	42	32	36	05		991		CG
SA	1757	160 SCT	20			139	40	32	34	07		993		CG
SA	1852	160 SCT	20			146	37	33	04	05		994	217 1070	CG
SA	1959	160 SCT	20			154	35	32	05	06		996		CG
SA	2057	CLR	20			156	35	31	23	05		997		CG
SA	2153	CLR	20			156	33	31	08	04		997	110 1070 48	CG
SA	2257	CLR	20			159	32	30	05	07		998		CG
SA	2256	CLR	20			161	31	29	10	03		998		CG

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation 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$N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 JAN 09

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	26.580	30.2	29.9	96	0															0	1	.010			00-01
01 59	26.580	29.3	29.0	96	2															2					01-02
02 52	26.580	31.0	30.7	96	7															3					02-03
03 56	26.580	30.8	30.2	92	3	3	Cs	220												3	0	.000			03-04
04 55	26.595	30.3	29.8	97	5															3					04-05
05 54	26.605	29.8	29.2	93	4															3					05-06
06 55	26.620	29.9	29.2	95	5	2	Ac	140	3	Cs	220	5								3	2	.040			06-07
07 52	26.630	33.1	32.0	89	6															4					07-08
08 50	26.650	37.0	35.2	88	8															5					08-09
09 54	26.690	41.2	36.8	68	5	2	Ac	140	3	Ci	250	5								3	2	.070			09-10
10 58	26.665	46.1	40.2	61	3															3					10-11
11 54	26.650	45.7	38.8	54	3															3					11-12
12 53	26.630	47.3	40.3	55	2	1	Cu	60	1	Ac	140	2								2	7	.060			12-13
13 52	26.630	49.8	40.3	43	2															2					13-14
14 50	26.620	49.1	40.1	45	1															1					14-15
15 55	26.650	49.2	41.1	50	2	2	Cu	60												2	5	.000			15-16
16 54	26.640	48.9	38.5	61	1															1					16-17
17 55	26.640	40.1	36.3	71	1															1					17-18
18 58	26.660	36.9	34.6	81	1	1	Cu	60												1	2	.030			18-19
19 55	26.670	37.8	34.8	76	0															0					19-20
20 54	26.680	36.8	33.8	75	0															0					20-21
21 56	26.700	37.4	34.0	72	0															0	3	.010			21-22
22 57	26.700	36.6	33.5	74	0															0					22-23
23 51	26.700	36.3	33.0	73	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	32	29	X	X						X		
	0350	1	0	0	0	33	29		1								
	0950	2	0	0	0	42	28		1								
	1550	3	0	0	0	51	41		1								
	2152	4	0	0	0	49	35		0								
	MID.	X	0	0	0	38	33	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0953	1554	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.580	26.690	26.620	26.700
BAROGRAPH 64	26.575	26.690	26.620	26.670
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 (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
51	28	0	0	0	14	NE	2334					4	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE ___ SUNSET ___

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 AT: 0700P ± 0 Sec. / 2050P ⊕ 0 Sec. / ± Sec.

0356P/0420P

*BAROGRAPH CHART CHANGED "0" Cal.

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: 1985 JAN 09

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

TYPE (11)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0055	CLR	20			158	30	29	07	02		998	103	CG
SA	0154	120 SCT	20			163	29	28	09	04		997		CG
SA	0652	220-BKN	20			161	31	30	35	04		997		CG
SA	0356	220 SCT	20			158	31	30	32	05		998	000 1008 29 220 03	CRD
													RADAT 64 1037 061 COR (1220)	
SA	0455	220 SCT	20			166	30	29	10	06		000		CRD
SA	0554	220 SCT	20			173	30	28	11	07		002		CRD
SA	0655	140 SCT 220 SCT	20			181	30	29	08	03		003	214 1078	CRD
SA	0752	140 SCT E250 BKN	20			183	33	30	09	04		004		CRD
SA	0850	140 SCT E250 BKN	20			188	37	33	20	03		006		CRD
SA	0954	140 SCT 250 SCT	20			203	41	31	28	05		011	224 1071 28	CRD
SA	1055	140 SCT 250 SCT	20			191	46	33	29	05		008		CRD
SA	1154	140 SCT	20			186	46	30	28	04		006	FEW CU AHOD S	CRD
SA	1253	60 SCT 140 SCT	20			177	47	32	25	04		004	720 1270	CRD
SA	1352	60 SCT	20			176	50	28	12	03		004		CRD
SA	1450	60 SCT	20			171	49	29	35	08		003		CRD
SA	1555	60 SCT	20			175	49	31	16	03		004	500 1200 51 RADAT 54064	CDB
SA	1654	60 SCT	20			184	44	31	06	08		005		CDB
SA	1755	60 SCT	20			186	40	31	09	06		005		CDB
SA	1858	60 SCT	20			195	37	32	05	08		007	210 1100	CDB
SA	1955	CLR	20			196	38	31	05	10		008		CDB
SA	2054	CLR	20			199	37	30	04	04		010		CDB
SA	2156	CLR	20			203	37	29	05	08		012	314 51	CDB
SA	2257	CLR	20			200	37	29	05	06		012		CDB
SA	2351	CLR	20			201	36	28	05	08		012		CDB

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 JAN 10

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3 HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 55	26.720	35.0	32.4	77	0															0	3	.020			00-01
01 57	26.740	31.3	30.2	89	0															0					01-02
02 55	26.750	34.3	31.8	79	0															0					02-03
03 55	26.750	34.1	31.6	78	0															0	1	.030			03-04
04 54	26.770	34.6	31.3	71	0															0					04-05
05 51	26.780	35.2	31.5	68	0															0					05-06
06 52	26.800	35.3	31.1	65	0	0	SC	60	0	CI	250	0								0	2	.050			06-07
07 55	26.820	35.2	32.5	76	0															0					07-08
08 50	26.840	38.8	34.1	63	0															0					08-09
09 50	26.850	41.6	36.3	62	0															0	2	.050			09-10
10 55	26.845	44.6	37.8	54	0															0					10-11
11 56	26.820	46.3	38.9	51	0															0					11-12
12 53	26.800	49.1	40.3	46	0	0	SC	60												0	7	.050			12-13
13 54	26.780	51.0	41.4	44	0															0					13-14
14 58	26.790	49.3	40.3	45	0															0					14-15
15 55	26.800	48.3	40.1	49	0	0	SC	60												0	5	.060			15-16
16 56	26.820	44.8	38.6	58	0															0					16-17
17 56	26.840	41.5	37.0	67	0															0					17-18
18 57	26.850	39.9	35.4	66	0	0	SC	60												0	1	.020			18-19
19 55	26.850	38.4	34.3	67	0															0					19-20
20 53	26.860	37.1	34.0	74	0															0					20-21
21 58	26.880	37.0	33.1	68	0	0	SC	60												0	3	.030			21-22
22 55	26.860	36.8	33.0	68	0															0					22-23
23 56	26.840	35.4	32.1	71	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 03 50		0	0		36	30										
	0350	1	0	0	0	38	30		0								
	0442	2	0	0	0	43	33		0								
	1550	3	0	0	0	52	41		0								
	2152	4	0	0	0	49	36		0								
	MID		0	0	0	39	34										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0449	1554	2157
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.750	26.850	26.800	26.880
BAROGRAPH 64	26.750	26.850	26.785	26.888
BAR. CORR. 65	0	0	+.015	+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
52	30	0	0	0	17	NE	2215					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 SUNSET

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 AT: 0915P ⊕0 Sec./ 1858P ⊕0 Sec./ ± Sec.

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-006/1124

MF1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 JAN 10

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 (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (14)
SA	0055	CLR	20			209	35	29	05	08		014	307	CRD
SA	0157	CLR	20			216	31	28	12	04		016		CRD
SA	0255	CLR	20			219	34	29	05	12		017		CRD
SA	0355	CLR	20			219	34	28	04	10		017	110 30 RADAT 73055	CRD
SA	0454	CLR	20			230	35	26	04	10		019	FEW SC LOW	CRD
SA	0551	CLR	20			237	35	26	04	14		021	FEW SC AC CI	CRD
SA	0652	CLR	20			245	35	25	04	13		023	217 1501	CRD
SA	0755	CLR	20			252	35	29	12	05		025		CRD
SA	0850	CLR	20			260	39	29	03	14		027		CRD
SA	0950	CLR	20			260	42	29	36	07		028	217 30	CRD
SA	1055	CLR	20			257	45	29	04	08		028	FEW SC SE	CRD
SA	1156	CLR	20			247	46	29	36	12		025	FEW SC.	CRD
SA	1253	CLR	20			239	49	29	06	07		023	717 1500	CRD
SA	1354	CLR	20			232	51	30	04	07		021		CRD
SA	1458	CLR	20			235	49	29	14	10		022		CRD
SA	1555	CLR	20			239	48	30	14	08		023	SOC 1500 52 CADIFT 58664	CRD
SA	1656	CLR	20			249	45	31	05	05		025		CRD
SA	1756	CLR	20			258	42	31	06	10		027		CRD
SA	1857	CLR	20			263	40	29	06	12		028	117 1500	CRD
SA	1955	CLR	20			264	38	29	05	12		028		CRD
SA	2053	CLR	20			266	37	30	04	11		029		CRD
SA	2158	CLR	20			272	37	27	04	12		032	310 1500 52	CRD
SA	2255	CLR	20			262	37	27	08	05		029		CRD
SA	2356	CLR	20			255	35	27	04	09		027		CRD

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 (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 JAN 11

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	HRS.
00 55	26.840	34.1	31.7	79	0	0	SC	60												0	6	.040			00-01
01 58	26.860	37.5	32.6	60	0															0					01-02
02 55	26.860	35.2	31.2	66	0															0					02-03
03 56	26.850	34.1	30.3	66	0															0	1	.010			03-04
04 54	26.840	34.1	30.0	63	0															0					04-05
05 53	26.850	33.9	30.0	66	0															0					05-06
06 54	26.860	33.2	28.8	61	0	0	CI	250												0	3	.010			06-07
07 55	26.880	35.3	30.3	58	0															0					07-08
08 53	26.890	36.2	31.1	57	0															0					08-09
09 55	26.910	39.8	32.5	45	0															0	2	.050			09-10
10 54	26.885	42.0	34.5	47	0															0					10-11
11 53	26.860	43.7	35.2	42	6															1					11-12
12 56	26.835	45.2	36.1	40	6	6	CI	250												2	7	.075			12-13
13 55	26.840	45.2	36.4	42	3															1					13-14
14 55	26.850	43.8	35.2	41	1															1					14-15
15 58	26.850	41.8	34.2	45	1	1	SC	60												1	2	.015			15-16
16 57	26.860	40.0	34.0	55	1															1					16-17
17 54	26.880	39.1	33.7	58	1															1					17-18
18 49	26.880	35.7	31.0	60	1	1	SC	60												1	1	.030			18-19
19 56	26.890	35.0	30.5	61	1															1					19-20
20 56	26.890	34.4	30.2	63	1															1					20-21
21 58	26.900	33.8	30.2	67	1	1	SC	60												1	2	.020			21-22
22 58	26.890	33.4	30.0	69	1															1					22-23
23 60	26.880	32.0	27.6	58	1															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350		0	0		38	34										
	0350	1	0	0	0	39	34		0								
	0951	2	0	0	0	41	32		0								
	1555	3	0	0	0	47	39		0								
	2153	4	0	0	0	42	32		0								
	MID.		0	0	0	34	31										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0954	1557	2157
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.850	26.910	26.850	26.900
BAROGRAPH 64	26.960	26.905	26.845	26.900
BAR. CORR. 65	-.010	+.005	+.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 UNHLTD (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	0	0	0	24	NE	1447					2	1		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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 AT: 0700P ±0 Sec./ 1615P ±0 Sec./ ± Sec.

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 JAN 11

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)	OBSERVATIONS (15)
SA	0055	CLR	20			254	34	28	05	15		027	614 1500	008
SA	0158	CLR	20			258	38	25	06	12		029		008
SA	0255	CLR	20			261	35	25	05	11 G 17		029		008
SA	0356	CLR	20			259	34	24	03	12		028	103 34 RADAT 57061	CRD
SA	0454	CLR	20			257	34	23	03	16		027		CRD
SA	0553	CLR	20			264	34	24	03	13		028		CRD
SA	0654	CLR	20			268	33	21	06	14 G 20		029	303 1001	CRD
SA	0755	CLR	20			275	35	22	06	15		032		CRD
SA	0853	CLR	20			279	36	23	02	14		033		CRD
SA	0955	CLR	20			285	40	20	06	16		035	217 32	CRD
SA	1054	CLR	20			273	42	23	03	16 G 20		033	FEW CS NW	CRD
SA	1153	250 - BKN	20			264	44	22	04	15 G 21		029		CRD
SA	1256	250 - BKN	20			255	45	22	04	15		027	725 1001	CRD
SA	1355	250 - SCT	20			254	45	23	03	15		027	FEW SC SE	CRD
SA	1455	60 SCT	20			253	44	22	03	18 G 24		026		CRD
SA	1558	60 SCT	20			262	42	22	05	17 G 23		028	205 1500 47 KNOAT 53056	008
SA	1657	60 SCT	20			267	40	25	04	16 G 21		029		008
SA	1754	60 SCT	20			275	39	26	05	13 G 20		032		008
SA	1849	60 SCT	20			279	36	23	05	12		032	110 1500	008
SA	1956	60 SCT	20			281	35	23	07	04		033		008
SA	2056	60 SCT	20			281	34	23	07	10 G 17		033		008
SA	2158	60 SCT	20			283	34	24	06	12 G 19		034	207 1500 47	008
SA	2253	60 SCT	20			278	33	24	05	13		033		008
SA	2350	60 SCT	20			274	32	19	04	14 G 19		032		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 (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 JAN 12

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	26.880	31.6	27.4	59	1	1	Sc	60												1	6	.020			00-01
01 55	26.890	32.2	27.4	55	3															3					01-02
02 50	26.880	31.6	26.8	54	2															2					02-03
03 57	26.870	30.5	26.0	57	0	0	Sc	60	0	Ci	250	0								0	8	.010			03-04
04 58	26.870	30.3	26.1	60	0															0					04-05
05 50	26.880	30.0	25.7	58	0															0					05-06
06 53	26.895	31.3	26.3	53	0	0	Sc	60												0	0	.005			06-07
07 53	26.890	32.4	27.2	51	0															0					07-08
08 54	26.905	34.8	29.6	55	0															0					08-09
09 58	26.910	37.8	31.5	50	0	0	Sc	60												0	2	.035			09-10
10 54	26.880	39.2	32.0	45	0															0					10-11
11 53	26.850	41.7	32.8	37	0															0					11-12
12 56	26.830	42.7	33.3	35	0	0	Sc	60												0	7	.080			12-13
13 55	26.830	43.0	33.5	35	0															0					13-14
14 54	26.830	42.1	32.4	32	0															0					14-15
15 55	26.820	41.0	32.2	36	0	0	Sc	60												0	8	.010			15-16
16 50	26.810	39.6	32.0	43	0															0					16-17
17 52	26.820	38.7	31.5	45	0															0					17-18
18 55	26.820	35.4	29.0	46	2	2	Sc	60												2	5	.000			18-19
19 51	26.820	34.8	28.8	48	2															2					19-20
20 50	26.830	34.1	28.2	51	2															2					20-21
21 55	26.840	32.8	30.4	77	2	2	Sc	60												2	3	.020			21-22
22 55	26.840	32.1	30.0	79	2															2					22-23
23 50	26.820	32.3	27.4	54	2															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 42	TIME (L.S.T.) 43	NO. 44	PRECIP. (Ins.) 45	SNOW FALL (Ins.) 46	SNOW DEPTH (Ins.) 47	MAX. TEMP. (°F) 48	MIN. TEMP. (°F) 49	50	STATE OF GRND. 51	52	53	54	55	SOIL TEMP. 56	57	58
	MID TO 0351		0	0		32	30									
	0351	1	0	0	0	34	30		0							
	0953	2	0	0	0	39	29		0							
	1550	3	0	0	0	43	37		0							
	2150	4	0	0	0	41	30		0							
	MID.		0	0	0	34	32									

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0356	0957	1554	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.870	26.910	26.820	26.830
BAROGRAPH 64	26.870	26.910	26.830	26.840
BAR. CORR. 65	-.020	0	-.010	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
43	29	0	0	0	33	NE	1253					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 SUNSET

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

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

TIME CHECK - CLOCK AT: 0800P ± 0 Sec. / 2815P @ 0 Sec. / ± Sec.

0155/18/0155

MF 1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 JAN 12

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	0050	60 SCT	20			273	32	19	05	11		032	607 1500	CRD
SA	0155	60 SCT	20			277	32	18	07	12 G 17		033		CRD
SA	0250	60 SCT	20			275	32	17	05	13 G 21		032		CRD
SA	0357	CLR	20			270	31	17	05	17 G 22		031	803 1501 30 RAPAT ZERO	CRD
SA	0458	CLR	20			274	30	18	04	18 G 25		031	FEW SC CI	CRD
SA	0550	CLR	20			278	30	17	03	15		032	FEW SC CI	CRD
SA	0653	CLR	20			278	31	16	03	14		032	002 1500	CRD
SA	0753	CLR	20			283	32	16	03	13		033	FEW SC	CRD
SA	0854	CLR	20			288	35	20	04	16 G 22		035	FEW SC	CRD
SA	0958	CLR	20			287	38	21	05	17 G 26		035	212 1500 29	CRD
SA	1054	CLR	20			275	39	20	03	20 G 29		032	FEW SC	CRD
SA	1153	CLR	20			263	42	17	03	20 G 30		028	FEW SC	CRD
SA	1256	CLR	20			257	43	17	02	24 G 33		026	727 1500	CRD
SA	1355	CLR	20			256	43	17	03	21 G 30		026		CRD
SA	1454	CLR	20			256	42	14	03	22 G 28		026	FEW SC	CRD
SA	1555	CLR	20			252	41	16	04	17 G 24		025	803 1500 43 RADAT 34051	CRD
SA	1650	CLR	20			250	40	19	04	21 G 26		024		CRD
SA	1752	CLR	20			256	39	19	02	12		025		CRD
SA	1855	60 SCT	20			257	35	17	05	12 G 17		025	500 1500	CRD
SA	1957	60 SCT	20			257	35	17	01	10		025		CRD
SA	2050	60 SCT	20			259	34	18	05	10 G 15		026		CRD
SA	2155	60 SCT	20			261	33	26	04	12		027	307 1500 43	CRD
SA	2255	60 SCT	20			261	32	20	04	12		027		CRD
SA	2350	60 SCT	20			252	32	17	02	14		025		CRD

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

FM12-VII: IIiii $i_R i_x$hVV Ndddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 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 (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 JAN 13

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 51	26.810	31.6	27.1	56	3	3	SC	60												3	8	.030			00-01
01 55	26.830	31.4	27.0	59	3															3					01-02
02 57	26.820	30.9	25.0	42	2															2					02-03
03 55	26.800	30.7	25.0	44	0	0	SC	60												0	8	.010			03-04
04 52	26.780	31.6	26.1	47	0															0					04-05
05 52	26.745	31.6	25.7	44	0															0					05-06
06 50	26.805	31.0	25.0	41	0															0	3	.005			06-07
07 53	26.800	33.8	27.2	41	0															0					07-08
08 53	26.805	36.1	29.2	45	0															0					08-09
09 51	26.810	40.3	31.8	38	0															0	3	.005			09-10
10 50	26.785	44.1	33.8	29	0															0					10-11
11 53	26.750	47.8	36.0	28	0															0					11-12
12 52	26.720	49.9	35.9	20	0															0	7	.090			12-13
13 50	26.700	51.5	36.9	19	0															0					13-14
14 50	26.700	52.8	38.0	20	0															0					14-15
15 51	26.700	50.7	36.2	21	0															0	6	.020			15-16
16 54	26.700	46.0	34.7	28	0															0					16-17
17 57	26.720	42.3	32.7	33	0															0					17-18
18 53	26.730	41.9	31.9	31	0															0	3	.030			18-19
19 51	26.740	40.7	31.4	33	0															0					19-20
20 49	26.740	42.1	32.1	30	0															0					20-21
21 52	26.755	40.3	31.5	36	0															0	2	.025			21-22
22 50	26.755	42.6	32.8	32	0															0					22-23
23 51	26.760	44.0	33.8	32	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	32	29	X	X						X		
	0349	1	0	0	0	34	29		0								
	0945	2	0	0	0	40	29		0								
	1546	3	0	0	0	53	40		0								
	2146	4	0	0	0	51	40		0								
	MID.	X	0	0	0	44	40	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0949	1530	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.800	26.810	26.700	26.755
BAROGRAPH 64	26.810	26.810	26.700	26.740
BAR. CORR. 65	-.010	+0	0	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
53	29	0	0	0	24	NE	2233 1/					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 SUNSET

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 AT: 1034 ± 0 Sec. / 1656P @ 0 Sec. / ± Sec.

RC HANGED MICRO BAROGRAPH @ 0949 L.S.T. AND RESET

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, NV

DATE: 1985 JAN 13

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. METHOD (15)
SA	0051	60 SCT	20			248	32	18	05	09		024	810 1300	COB
SA	0155	60 SCT	20			256	31	18	04	14		026		COB
SA	0257	60 SCT	20			252	31	11	03	12		025		COB
SA	0355	CLR	20			246	31	11	03	19		023	803 1500 27 RMDAT23L047052	RD
SA	0452	CLR	20			239	32	14	04	18		021		RD
SA	0554	CLR	20			245	32	12	04	16		023		RD
SA	0650	CLR	20			252	31	10	04	18		024	302	RD
SA	0753	CLR	20			248	34	13	04	16		023		RD
SA	0853	CLR	20			248	36	16	02	18		024		RD
SA	0951	CLR	20			250	40	17	03	11		024	302 27	RD
SA	1050	CLR	20			237	45	14	04	16		022		RD
SA	1153	CLR	20			220	48	16	04	15		017		RD
SA	1252	CLR	20			209	50	10	05	15		014	730	RD
SA	1350	CLR	20			200	52	11	06	17		012		RD
SA	145-	CLR	20			201	53	13	05	17		012		RD
SA	1551	CLR	20			201	51	12	06	13		012	607 53 RMAT 20096	MR
SA	1654	CLR	20			204	46	15	05	14		012		MR
SA	1751	CLR	20			214	42	15	05	14		014		MR
SA	1853	CLR	20			218	42	13	05	16		015	310	MR
SA	1951	CLR	20			221	41	14	06	15		016		MR
SA	2049	CLR	20			219	42	13	05	17 & 21		016		MR
SA	2152	CLR	20			222	40	16	05	17 & 22		018	208 53	MR
SA	2250	CLR	20			218	43	15	05	17		018		MR
SA	2351	CLR	20			218	44	16	03	13		018		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 $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ 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 (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 14 JAN 1985

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 51	26.760	41.5	31.9	33	0															0	1	.005			00-01
01 51	26.770	41.8	32.1	32	0															0					01-02
02 52	26.790	39.9	31.0	35	0															0					02-03
03 55	26.790	38.8	30.6	38	0															0	1	.030			03-04
04 56	26.790	38.8	30.7	39	0															0					04-05
05 55	26.790	39.6	30.4	32	0															0					05-06
06 50	26.860	38.0	29.3	32	0															0	3	.010			06-07
07 54	26.800	39.0	31.0	39	0															0					07-08
08 50	26.810	42.3	32.7	33	0															0					08-09
09 50	26.815	45.0	34.2	30	0															0	3	.015			09-10
10 50	26.810	50.4	37.3	25	0															0					10-11
11 50	26.780	52.3	39.0	27	0															0					11-12
12 53	26.750	54.1	40.2	26	0	0	C1	250												0	7	.065			12-13
13 50	26.750	56.4	41.9	27	0															0					13-14
14 51	26.760	58.7	44.1	22	0															0					14-15
15 52	26.745	56.6	40.9	21	0	0	C1	250												0	8	.005			15-16
16 53	26.740	49.6	39.2	38	0															0					16-17
17 50	26.750	42.5	35.1	48	0															0					17-18
18 51	26.760	43.5	35.3	43	0															0	3	.015			18-19
19 51	26.755	43.8	35.0	40	0															0					19-20
20 54	26.780	40.1	33.1	47	0															0					20-21
21 51	26.790	34.9	30.2	59	0															0	3	.030			21-22
22 50	26.785	33.4	29.5	64	0															0					22-23
23 52	26.770	33.0	29.3	66	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	44	37	X	X						X		
	0350	1	0	0	0	44	37		0								
	0944	2	0	0	0	45	35		0								
	1546	3	0	0	0	58	45		0								
	2146	4	0	0	0	57	35		0								
	MID.	X	0	0	0	35	32	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0949	1551	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.790	26.815	26.745	26.790
BAROGRAPH 64	26.780	26.815	26.750	26.770
BAR. CORR. 65	+.010	0	-.005	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML 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
58	32	0	0	0	24	NE	0155					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 SUNSET

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 AT: 0823 ± 0 Sec./ 1656P ± 0 Sec./ ± Sec.

1350, 1451, 1552, 1653 / TIMES / 1653P

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED. U.S. G.P.O. 1982-564-008/1124

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: 14 JAN 1985

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0051	CLR	20			219	42	14	04	16		018	102	MR
SA	0151	CLR	20			220	42	14	05	17	G23	019		MR
SA	0252	CLR	20			228	40	14	04	15		022		MR
SA	0355	CLR	20			230	39	15	04	16		022	110 37 RADAT 20112	RD
SA	0456	CLR	20			234	39	16	11	08		022		RD
SA	0555	CLR	20			235	40	12	06	10		022		RD
SA	0650	CLR	20			241	38	11	10	05		023	303	RD
SA	0754	CLR	20			240	39	14	07	08		023		RD
SA	0850	CLR	20			242	42	15	03	15		024		RD
SA	0950	CLR	20			244	45	15	03	17		025	305 35	RD
SA	1050	CLR	20			236	50	16	05	12		024		RD
SA	1150	CLR	20			223	52	19	03	14		021		RD
SA	1253	CLR	20			210	54	20	11	11		019	722 1001	RD
SA	1350	CLR	20			210	56	23	05	10		017		RD
SA	1451	CLR	20			214	57	18	02	06		018		RD
SA	1552	CLR	20			210	57	17	12	06		017	802 1001 58 RADAT 20112	MR
SA	1653	CLR	20			212	50	25	07	04		016		MR
SA	1750	CLR	20			220	43	24	05	09		017		MR
SA	1851	CLR	20			223	44	23	05	10		018	305	MR
SA	1951	CLR	20			221	44	21	08	09		018		MR
SA	2050	CLR	20			231	40	22	06	04		021		MR
SA	2151	CLR	20			236	35	22	19	04		022	310 58	MR
SA	2250	CLR	20			233	33	23	09	05		022		MR
SA	2352	CLR	20			225	33	23	17	04		020		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 (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: **15 JAN 1985**

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.760	31.7	28.2	66	0															0	8	.030			00-01
01 50	26.755	33.0	28.3	56	0															0					01-02
02 54	26.740	30.8	27.0	62	0															0					02-03
03 55	26.720	29.8	26.3	63	0	0	Ci	250												0	7	.040			03-04
04 51	26.705	29.2	26.0	65	0															0					04-05
05 52	26.700	26.9	24.8	75	1															1					05-06
06 53	26.700	28.1	25.4	69	6	6	Cs	250												2	6	.020			06-07
07 52	26.710	31.4	27.7	64	8															2					07-08
08 51	26.715	37.0	31.8	58	8															2					08-09
09 53	26.715	42.7	34.2	41	6	6	Cs	250												0	1	.015			09-10
10 50	26.690	49.0	38.0	34	8															0					10-11
11 54	26.650	52.0	39.0	28	6															0					11-12
12 50	26.630	55.0	41.1	28	2	2	Ci	250												0	7	.035			12-13
13 50	26.630	55.3	41.0	25	0															0					13-14
14 50	26.620	56.0	42.0	28	0															0					14-15
15 53	26.620	54.5	40.9	28	0	0	Ci	250												0	6	.010			15-16
16 51	26.650	49.6	37.8	31	0															0					16-17
17 52	26.690	45.8	35.8	35	0															0					17-18
18 53	26.700	43.9	34.5	37	0															0	1	.080			18-19
19 51	26.720	40.4	32.9	44	0															0					19-20
20 49	26.755	40.0	32.6	44	0															0					20-21
21 53	26.780	38.3	31.6	46	0															0	2	.080			21-22
22 52	26.780	38.1	31.2	46	0															0					22-23
23 52	26.790	39.0	31.6	44	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	33	27	X	X						X		
	0350	1	0	0	0	35	27		0								
	0947	2	0	0	0	43	26		0								
	1546	3	0	0	0	57	43		0								
	2147	4	0	0	0	55	38		0								
	MID.	X	0	0	0	39	37	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0952	1551	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.720	26.715	26.620	26.780
BAROGRAPH 64	26.725	26.720	26.615	26.760
BAR. CORR. 65	-.005	-.005	+.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 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
57	26	0	0	0	24	NE	1828					4	2		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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 AT: 0555P ± 0 Sec./ 1654P ± 0 Sec./ ± Sec.

0552P SLP 210/1045P 1-17-85

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: 15 JAN 1985

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			221	32	22	12	02		018	810	MR
SA	0150	CLR	20			217	33	19	36	06		018		MR
SA	0250	CLR	20			212	31	19	29	02		016		MR
SA	0350	CLR	20			205	30	19	10	09		014	714 1001 27 RADAT 57 6034 1111	RD
SA	0451	CLR	20			204	29	19	07	03		013		RD
SA	0552	250 SCT	20			204	27	20	08	05		012		RD
SA	0653	250 -BKN	20			209	28	19	09	05		012	607 1008	RD
SA	0752	250 -BKN	20			209	31	26	12	04		013		RD
SA	0851	250 -BKN	20			210	37	24	10	03		014		RD
SA	0953	250 -BKN	20			211	43	20	18	04		014	605 1008 26	RD
SA	1050	250 -BKN	20			199	49	22	15	03		011		RD
SA	1154	250 -BKN	20			181	52	20	22	08		007		RD
SA	1250	250 -SCT	20			170	55	22	23	06		004	729 1001	RD
SA	1350	CLR	20			170	55	21	02	13		004		RD
SA	1450	CLR	20			165	56	23	04	16		003		RD
SA	1553	CLR	20			170	55	22	06	14		003	603 1001 57 RADAT	MR
													26H109113115	
SA	1651	CLR	20			184	50	20	05	15 G21		006		MR
SA	1752	CLR	20			203	46	20	05	14 G19		011		MR
SA	1853	CLR	20			206	44	19	05	17 G23		012	127	MR
SA	1951	CLR	20			214	40	20	04	10		014		MR
SA	2049	CLR	20			225	40	20	07	10		018		MR
SA	2153	CLR	20			232	38	20	04	10		021	227 57	MR
SA	2252	CLR	20			228	38	19	06	13		021		MR
SA	2352	CLR	20			230	39	19	06	11		022		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 $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ 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
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 16 JAN 1985

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.800	39.0	31.3	42	0															0	3	.020			00-01
01 52	26.815	38.5	31.0	42	0															0					01-02
02 50	26.820	36.4	30.0	47	0															0					02-03
03 53	26.805	37.0	30.2	45	0															0	0	.005			03-04
04 51	26.810	36.8	30.0	45	0															0					04-05
05 54	26.830	36.1	29.5	45	0															0					05-06
06 51	26.840	37.2	30.0	42	0	0	CI	230												0	3	.035			06-07
07 52	26.860	38.6	30.6	39	0															0					07-08
08 50	26.880	41.9	32.7	35	0															0					08-09
09 50	26.900	44.4	34.2	32	0	0	CI	230												0	2	.060			09-10
10 55	26.900	48.1	36.0	27	0															0					10-11
11 54	26.870	49.9	37.4	27	0															0					11-12
12 52	26.850	52.0	38.8	26	0	0	CI	230												0	8	.050			12-13
13 50	26.850	53.8	39.2	26	0															0					13-14
14 54	26.850	53.4	39.9	27	0															0					14-15
15 53	26.860	52.0	39.5	30	0	0	CI	250												0	3	.010			15-16
16 57	26.875	46.3	37.0	40	0															0					16-17
17 55	26.895	43.3	35.0	42	0															0					17-18
18 59	26.910	42.4	34.7	46	0															0	2	.050			18-19
19 54	26.910	41.0	33.6	46	0															0					19-20
20 59	26.915	39.5	32.5	47	0															0					20-21
21 59	26.925	39.0	32.0	46	0															0	3	.015			21-22
22 59	26.930	40.0	32.5	44	0															0					22-23
23 59	26.920	41.0	32.5	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	X	0	0	X	41	35	X	X						X		
	0348	1	0	0	0	41	35		0								
	0946	2	0	0	0	44	36		0								
	1552	3	0	0	0	53	41		0								
	2158	4	0	0	0	52	39		0								
	MID.	X	0	0	0	41	39	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0950	1552	2158
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.805	26.900	26.860	26.925
BAROGRAPH 64	26.800	26.890	26.855	26.920
BAR. CORR. 65	+.005	+.010	+.005	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
53	35	0	0	0	24	NE	1830*					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 SUNSET

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 AT: 0602P ⊙0 Sec./ 1752P 00 Sec./ ± Sec.

* LAST OF SEVERAL OCCURRENCES

SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1124

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: 16 JAN 1985

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0053	CLR	20			231	39	18	03	15		023	307	MR
SA	0152	CLR	20			236	39	18	04	17		025		MR
SA	0250	CLR	20			240	36	18	06	14		025		MR
SA	0353	CLR	20			235	37	18	04	17		024	002 35 RADAT 2024074109	MR
—	—												114	—
SA	0451	CLR	20			240	37	17	04	17		024		MR
SA	0551	CLR	20			251	36	17	04	17		026		MR
SA	0651	CLR	20			254	37	16	06	20		027	312 1001	MR
SA	0752	CLR	20			264	39	16	05	16	G23	029		MR
SA	0850	CLR	20			269	42	16	05	16		032		MR
SA	0950	CLR	20			277	44	16	04	13		034	220 1001 35	MR
SA	1055	CLR	20			275	48	16	36	10		034		MR
SA	1154	CLR	20			261	50	17	05	09		031		MR
SA	1252	CLR	20			254	52	19	03	12		028	817 1001	MR
SA	1350	CLR	20			253	53	19	03	09		028		MR
SA	1454	CLR	20			254	53	20	01	10		028		MR
SA	1553	CLR	20			258	52	22	03	13		030	303 1001 53 RADAT2011	A
													092 112	
SA	1657	CLR	20			267	46	23	04	09		032		
SA	1755	CLR	20			277	43	22	04	12		034	FEW CI SW-W	
SA	1859	CLR	20			283	42	23	05	20		036	217	
SA	1959	CLR	20			282	41	22	04	18		036		
SA	2059	CLR	20			284	40	21	04	17		036		
SA	2159	CLR	20			286	39	20	05	16		037	305 53	
SA	2259	CLR	20			285	40	20	04	07		038		
SA	2359	CLR	20			280	41	18	02	11		037		

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
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 17 JAN 1985

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 54	26.900	37.6	31.3	60	0															0	6	.025			00-01
01 56	26.905	38.6	31.2	45	0															0					01-02
02 53	26.905	35.4	29.7	52	0															0					02-03
03 52	26.905	34.3	29.4	57	0															0	1	.005			03-04
04 52	26.905	36.0	30.4	53	0															0					04-05
05 52	26.900	38.2	31.6	49	0															0					05-06
06 50	26.905	35.6	30.5	57	0															0	5	.000			06-07
07 51	26.910	41.2	32.7	39	0															0					07-08
08 50	26.910	47.2	36.5	33	0															0					08-09
09 53	26.910	51.8	38.8	27	0															0	1	.005			09-10
10 52	26.890	52.2	40.2	33	0															0					10-11
11 53	26.840	56.3	42.5	29	0															0					11-12
12 54	26.810	60.4	44.4	25	0	0	CI	250												0	7	.100			12-13
13 55	26.800	61.5	45.8	28	0															0					13-14
14 53	26.800	59.2	44.2	28	0															0					14-15
15 53	26.785	60.3	45.1	28	0															0	7	.025			15-16
16 53	26.780	55.0	45.0	46	0															0					16-17
17 55	26.780	52.0	41.6	41	0															0					17-18
18 54	26.790	49.2	40.1	45	0															0	3	.005			18-19
19 53	26.785	47.1	39.5	51	0															0					19-20
20 59	26.785	42.1	39.0	63	0															0					20-21
21 58	26.810	40.2	35.2	62	0															0	3	.020			21-22
22 53	26.800	46.0	35.0	62	0															0					22-23
23 54	26.780	35.6	32.9	77	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	41	33	X	X						X		
	0348	1	0	0	0	41	33		0								
	0949	2	0	0	0	52	34		0								
	1557	3	0	0	0	62	52		0								
	2157	4	0	0	0	60	40		0								
	MID.	X	0	0	0	40	36	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0953	1553	2158
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.905	26.910	26.785	26.810
BAROGRAPH 64	26.905	26.910	26.775	26.910
BAR. CORR. 65	±.0	±0*	+.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
62	33	0	0	0	22	NE	1107‡					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 SUNSET

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 AT: 0655P ⊕0 Sec./ 2100P 00 Sec./ ± Sec.

* BAROGRAPH CHANGED RESET TO ±.0 CORR.

‡ LAST OF SEVERAL OCCURRENCES

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

U.S. G.P.O. 1982-564-008/1124

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: 17 JAN 1985

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. INITIALS (14)
SA	0054	CLR	20			273	38	21	32	10		035	608	
SA	0156	CLR	20			275	39	18	06	03		035		
SA	0253	CLR	20			275	35	20	18	06		035		
SA	0352	CLR	20			277	34	21	33	03		035	102 33 RADAT 31119	
SA	0452	CLR	20			279	36	21	01	10		035		
SA	0552	CLR	20			277	38	21	04	06		034		
SA	0650	CLR	20			282	36	22	07	03		035	500	
SA	0751	CLR	20			281	41	18	03	10		035		
SA	0850	CLR	20			277	47	20	12	03		035		
SA	0953	CLR	20			276	52	19	11	08		035	102 33	
SA	1052	CLR	20			268	52	24	03	15	G21	033		
SA	1153	CLR	20			245	56	25	03	12	G18	027		
SA	1254	CLR	20			233	60	25	11	09		024	734 1001	
SA	1355	CLR	20			229	62	28	36	13		023		
SA	1453	CLR	20			231	59	26	35	09		023		
SA	1553	CLR	20			225	60	27	05	12		022	708 62 RADAT 20123	
SA	1653	CLR	20			226	55	35	03	12		022	FEW01 E-SE	
SA	1755	CLR	20			226	52	29	02	14		022	FEW01 E	
SA	1854	CLR	20			235	49	29	08	13		023	302	
SA	1953	CLR	20			234	47	30	04	12		022		
SA	2057	CLR	20			233	42	30	12	07		023		
SA	2158	CLR	20			237	40	28	08	07		025	307 62	
SA	2253	CLR	20			233	40	28	12	05		024		
SA	2354	CLR	20			225	36	29	08	05		022		

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 $6RRR_{t_R}$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ 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
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 18 JAN 1985

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 59	26.780	35.0	32.4	77	0															0	6	.030			00-01
01 59	26.780	37.0	33.0	67	0															0					01-02
02 57	26.770	36.5	32.7	68	0															0					02-03
03 52	26.750	35.1	32.3	75	0															0	8	.030			03-04
04 51	26.745	35.2	32.2	74	0															0					04-05
05 53	26.750	34.0	31.4	77	0															0					05-06
06 50	26.750	34.0	31.2	75	0															0	5	.000			06-07
07 54	26.750	38.6	34.6	68	0															0					07-08
08 50	26.750	42.9	36.9	57	0															0					08-09
09 52	26.760	48.0	39.5	47	0	0	CI	300												0	3	.010			09-10
10 50	26.745	54.9	43.0	37	0															0					10-11
11 50	26.710	59.3	45.0	31	0															0					11-12
12 51	26.680	61.0	46.0	30	0	0	CI	300												0	8	.080			12-13
13 52	26.660	61.6	46.6	30	0															0					13-14
14 52	26.650	62.3	47.0	30	0															0					14-15
15 58	26.640	60.2	46.4	34	0															0	7	.040			15-16
16 59	26.640	55.9	43.5	35	0															0					16-17
17 59	26.635	50.0	38.6	33	0															0					17-18
18 54	26.640	43.5	38.5	64	0															0	5	.000			18-19
19 58	26.640	40.5	38.6	86	0															0					19-20
20 59	26.640	37.8	35.0	77	0															0					20-21
21 56	26.650	39.4	35.3	68	0															0	3	.010			21-22
22 56	26.650	38.2	34.8	73	0															0					22-23
23 59	26.645	34.7	32.8	83	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		37	33										
	0348	1	0	0	0	40	33		0								
	0948	2	0	0	0	48	32		0								
	1557	3	0	0	0	62	48		0								
	2154	4	0	0	0	60	38		0								
	MID.		0	0	0	39	35										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0952	1558	2155
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.750	26.760	26.640	26.650
BAROGRAPH 64	26.740	26.745	26.630	26.635
BAR. CORR. 65	+.010	+.015	+.010	+.000

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
62	32	0	0	0	11	SW	1516					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 SUNSET

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 AT: 0557P 00 Sec./ 1910P 00 Sec./ ± Sec.

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED. U.S. G.P.O. 1982-564-008/1124

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: 18 JAN 1985

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. INSTRUMENTS INITIALS (14)
SA	0059	CLR	20			222	35	29	12	05		027	610	
SA	0159	CLR	20			221	37	29	07	04		027		
SA	0257	CLR	20			220	37	29	15	05		029		
SA	0352	CLR	20			212	35	28	12	07		017	810 33 RADAT 22120	
SA	0451	CLR	20			214	35	28	10	06		017		
SA	0553	CLR	20			218	34	28	06	04		017		
SA	0650	CLR	20			219	34	27	11	05		017	500	
SA	0751	CLR	20			218	39	29	10	03		017		
SA	0850	CLR	20			219	43	29	15	03		017		
SA	0952	CLR	20			220	48	29	36	03		018	303 1001 32	
SA	1050	CLR	20			210	55	29	21	04		017		
SA	1150	CLR	20			196	59	29	20	08		013		
SA	1251	CLR	20			185	61	29	21	09		010	827 1001	
SA	1352	CLR	20			175	62	30	21	08		008		
SA	1452	CLR	20			171	62	31	21	10		007		
SA	1558	CLR	20			170	60	27	22	08		006	7146 RADAT 20122	
SA	1659	CLR	20			173	56	29	18	03		006		
SA	1759	CLR	20			176	50	27	05	06		006		
SA	1854	CLR	20			181	44	30	08	03		006	500	
SA	1958	CLR	20			180	41	37	08	03		006		
SA	2059	CLR	20			179	38	31	11	04		006		
SA	2155	CLR	20			176	39	30	12	05		007	303 62	
SA	2256	CLR	20			175	38	30	13	06		007		
SA	2359	CLR	20			172	35	30	16	03		007		

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 (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 19 JAN 1985

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 59	26.625	34.0	32.2	83	0															0	8	.015			00-01
01 50	26.635	35.2	33.0	77	0															0					01-02
02 54	26.640	34.2	32.2	82	0															0					02-03
03 50	26.640	35.3	33.3	82	0															0	1	.005			03-04
04 52	26.630	33.8	32.0	84	0															0					04-05
05 53	26.645	33.9	32.1	84	0															0					05-06
06 52	26.660	35.0	32.6	79	0															0	3	.020			06-07
07 50	26.680	36.5	33.9	78	0															0					07-08
08 51	26.700	43.8	38.1	60	0															0					08-09
09 52	26.700	53.8	42.8	40	0															0	1	.040			09-10
10 50	26.690	56.2	43.7	35	0															0					10-11
11 50	26.660	60.0	45.3	30	0															0					11-12
12 54	26.630	62.7	46.7	28	0	0	CI	300												0	8	.070			12-13
13 53	26.620	65.1	48.0	26	0															0					13-14
14 51	26.630	64.3	47.0	25	0															0					14-15
15 56	26.640	61.8	47.5	32	0															0	3	.010			15-16
16 53	26.640	56.8	45.8	45	0															0					16-17
17 51	26.650	53.6	42.3	38	0															0					17-18
18 57	26.665	50.4	40.3	41	0															0	3	.025			18-19
19 53	26.680	49.4	40.0	43	0															0					19-20
20 58	26.680	48.1	39.6	47	0															0					20-21
21 58	26.690	48.4	39.4	64	0															0	2	.025			21-22
22 51	26.685	41.2	36.1	62	0															0					22-23
23 59	26.685	40.3	35.3	62	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 0346		0	0		35	32										
	0346	1	0	0	0	39	32		0								
	0948	2	0	0	0	54	31		0								
	1555	3	0	0	0	65	54		0								
	2157	4	0	0	0	62	42		0								
	MID.		0	0	0	42	40										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0952	1556	2158
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.640	26.700	26.640	26.680
BAROGRAPH 64	26.620	26.675	26.620	26.665
BAR. CORR. 65	+.020	+.025	+.020	+.025

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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	31	0	0	0	22	NW	1149Z					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 SUNSET

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 AT: 0525P ⊙ 0 Sec./ Rock 0 Sec./ ± Sec.

* LAST OF SEVERAL OCCURRENCES

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 29 JAN 1985

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)	OBS. INITIALS
SA	0051	CLR	20			168	34	30	11	06		005	805	
SA	0150	CLR	20			169	35	29	11	05		005		
SA	0251	CLR	20			169	34	29	11	06		006		
SA	0350	CLR	20			169	35	31	13	05		005	102 32 RADAT 26118	
SA	0452	CLR	20			169	34	29	11	04		004		
SA	0553	CLR	20			179	34	30	12	07		006		
SA	0652	CLR	20			188	35	29	13	07		007	307	
SA	0750	CLR	20			196	37	30	16	06		010		
SA	0851	CLR	20			201	44	31	12	06		012		
SA	0952	CLR	20			194	54	30	33	03		012	114 31	
SA	1050	CLR	20			189	56	29	03	15	619	011		
SA	1150	CLR	20			177	60	28	03	15	622	008		
SA	1254	CLR	20			165	63	29	04	15		004	834 1001	
SA	1353	CLR	20			160	65	30	03	11		003		
SA	1451	CLR	20			164	64	28	04	13		004		
SA	1556	CLR	20			168	62	37	04	10		006	303 65 RADAT 20117	
SA	1653	CLR	20			170	57	35	03	14		006		
SA	1751	CLR	20			178	54	29	05	14		007		
SA	1851	CLR	20			186	50	27	05	13		009	308	
SA	1953	CLR	20			191	49	28	06	10		010		
SA	2048	CLR	20			189	49	29	03	11		010		
SA	2158	CLR	20			189	42	31	11	05		012	208 65	
SA	2251	CLR	20			190	41	29	32	03		012		
SA	2359	CLR	20			190	40	29	13	03		012		

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 (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: **20 JAN 1985**

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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 59	26.695	38.8	34.6	65	0															0	1	.005			00-01
01 55	26.690	39.0	34.8	67	0															0					01-02
02 50	26.690	37.5	33.8	70	0															0					02-03
03 55	26.680	38.4	34.3	67	0															0	7	.015			03-04
04 57	26.670	38.0	35.0	76	0															0					04-05
05 51	26.680	39.0	34.0	62	0															0					05-06
06 55	26.660	34.8	32.0	75	0															0	5	.000			06-07
07 52	26.700	38.1	34.7	73	0															0					07-08
08 48	26.685	39.1	37.6	88	0															0					08-09
09 55	26.650	50.3	40.9	44	0															0	0	.010			09-10
10 52	26.680	55.3	43.0	35	0															0					10-11
11 52	26.650	57.7	44.1	32	0															0					11-12
12 52	26.610	58.2	44.5	32	0	0	CI	250												0	8	.080			12-13
13 53	26.580	61.1	46.3	31	0															0					13-14
14 50	26.580	61.2	46.0	30	0															0					14-15
15 50	26.580	63.1	48.0	32	0															0	6	.030			15-16
16 53	26.570	57.7	46.0	40	0															0					16-17
17 53	26.570	50.5	42.4	54	0															0					17-18
18 51	26.570	48.2	41.3	56	0															0	6	.010			18-19
19 51	26.570	45.8	39.8	60	0															0					19-20
20 52	26.580	42.9	38.5	68	0															0					20-21
21 53	26.580	38.7	36.2	80	0															0	1	.010			21-22
22 51	26.580	37.2	35.2	83	0															0					22-23
23 51	26.580	35.6	34.0	88	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	40	38	X	X						X		
	0354	1	0	0	0	42	38		0								
	0951	2	0	0	0	50	35		0								
	1546	3	0	0	0	66	50		0								
	2149	4	0	0	0	63	38		0								
	MID.	X	0	0	0	39	35	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0954	1549	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.680	26.690	26.580	26.580
BAROGRAPH 64	26.665	26.680	26.575	26.570
BAR. CORR. 65	+.015	+.010	+.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
66	35	0	0	0	12	SW	1427					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 SUNSET

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 AT: 0700P ⊕0 Sec./ 1855P ⊕0 Sec./ ± Sec.

1653/1752

2153/2250

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: 20 JAN 1985

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. REPORTS INITIALS (14)
SA	0059	CLR	20			187	39	28	00	00		012	102	[illegible]
SA	0055	CLR	20			183	39	29	05	07		011		[illegible]
SA	0252	CLR	20			185	38	30	11	08		012		[illegible]
SA	0355	CLR	20			183	38	29	11	05		010	705 38 RADAT 38111	[illegible]
SA	0457	CLR	20			181	38	31	05	06		009		SEX
SA	0551	CLR	20			186	39	27	07	05		010		SEX
SA	0655	CLR	20			192	35	28	12	06		010	2000	SEX
SA	0756	CLR	20			197	32	30	31	03		013		SEX
SA	0848	CLR	20			195	39	30	09	03		012		SEX
SA	0955	CLR	20			190	40	29	14	03		011	003 30	SEX
SA	1052	CLR	20			184	35	28	26	03		010	FEW CI NW	SEX
SA	1152	CLR	20			172	38	28	30	03		007	FEW CI N	SEX
SA	1252	CLR	20			157	38	28	21	03		003	FEW CI NE/ 227 1001	SEX
SA	1353	CLR	20			148	61	30	23	05		000		SEX
SA	1450	CLR	20			148	61	29	21	06		000		SEX
SA	1550	CLR	20			143	63	33	24	06		999	610 66 RADAT 38112	HS
SA	1653	CLR	20			143	58	40	18	03		998		HS
SA	1753	CLR	20			146	51	35	11	07		998		HS
SA	1851	CLR	20			151	48	33	06	06		998	603	HS
SA	1951	CLR	20			151	46	33	03	05		998		HS
SA	2052	CLR	20			155	43	33	04	06		999		HS
SA	2153	CLR	20			164	39	33	07	04		999	103 66	HS
SA	2251	CLR	20			148	37	33	12	03		999		HS
SA	2351	CLR	20			149	36	33	06	02		999		HS

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

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

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

☆U.S.GPO:1984-0-784-006/6085

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 21 JAN 1985

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.570	34.3	33.1	89	0															0	8	.010			00-01
01 51	26.580	34.4	32.9	87	0															0					01-02
02 50	26.580	34.8	33.2	86	0															0					02-03
03 51	26.575	34.6	32.4	80	0															0	0	.005			03-04
04 50	26.570	34.0	32.2	83	0															0					04-05
05 52	26.570	32.8	31.6	89	0															0					05-06
06 51	26.590	35.0	32.8	81	0	0	AC	180												0	3	.015			06-07
07 52	26.600	38.1	35.4	79	0															0					07-08
08 51	26.620	42.5	37.8	66	0															0					08-09
09 52	26.620	49.8	41.7	51	0	0	AC	200												0	1	.030			09-10
10 51	26.620	52.4	43.0	48	1															1					10-11
11 52	26.590	55.0	44.1	41	0															0					11-12
12 52	26.570	57.5	45.0	36	1	1	AC	200												1	8	.050			12-13
13 53	26.560	58.4	45.0	34	1															1					13-14
14 50	26.560	59.0	45.4	33	2															2					14-15
15 50	26.580	56.1	43.0	32	7	7	AC	E200												7	3	.010			15-16
16 51	26.580	49.8	40.7	45	7															5					16-17
17 50	26.585	48.7	40.0	46	4															4					17-18
18 50	26.605	46.8	38.9	49	2	2	AC	200												2	3	.025			18-19
19 55	26.625	46.0	38.0	48	0															0					19-20
20 53	26.640	45.7	37.5	46	0															0					20-21
21 51	26.655	45.4	37.0	45	2	2	CS	250												2	2	.050			21-22
22 51	26.660	45.0	36.3	42	3															3					22-23
23 52	26.670	43.0	35.0	44	1															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 0346	X	0	0	X	36	33	X	X						X		
	0346	1	0	0	0	39	33		0								
	0947	2	0	0	0	50	31		0								
	1546	3	0	0	0	60	50		0								
	2147	4	0	0	0	56	43		0								
	MID.	X	0	0	0	45	41	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0951	1549	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.575	26.620	26.580	26.655
BAROGRAPH 64	26.560	26.610	26.560	26.665
BAR. CORR. 65	+.015	+.010	+.020	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
60	31	0	0	0	23	NE	1642					2	1		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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 AT: 0955P ⊕ 0 Sec./ 1900P ⊕ 0 Sec./ ± Sec.

BAROGRAPH CHANGED RE-SET TO "0"

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: 21 JAN 1985

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (10's of Deg.) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (15)
SA	0053	CLR	20			144	34	32	05	02		998	803	HS
SA	0151	CLR	20			147	34	31	36	04		999		HS
SA	0250	CLR	20			147	35	31	35	04		999		HS
SA	0357	CLR	20			143	35	29	05	03		999	002 33 RADAT 51100	SEA
SA	0450	CLR	20			145	34	30	36	03		998		SEA
SA	0552	CLR	20			150	33	30	32	03		998		SEA
SA	0651	CLR	20			158	35	30	15	02		000	FEW AC DENT NO-NE/ 365	SEA
/	/											/	1070	/
SA	0752	CLR	20			162	38	32	19	03		001	FEW AC/CI	SEA
SA	0851	CLR	20			169	43	32	26	03		004	FEW AC	SEA
SA	0952	CLR	20			166	50	32	12	04		004	FEW AC/ 110 1070 31	SEA
SA	1051	200 SCT	20			164	52	33	13	07		004		SEA
SA	1152	CLR	20			154	55	32	11	03		000	FEW AC	SEA
SA	1252	200 SCT	20			145	56	31	20	06		998	817 1070	SEA
SA	1353	200 SCT 250 SCT	20			140	58	30	21	03		997		SEA
SA	1450	200 SCT	20			139	59	30	24	05		997		SEA
SA	1550	E200 BKN	20			150	56	27	03	17		999	303 1070 60 RADAT 61079	HS
SA	1651	E200 BKN	20			155	50	29	05	11	623	999		HS
SA	1750	200 SCT	20			157	49	29	05	16		999		HS
SA	1850	200 SCT	20			165	47	29	04	15		002	308 1070	HS
SA	1955	CLR	20			171	46	27	06	17		004		HS
SA	2053	CLR	20			174	46	26	06	15		005		HS
SA	2151	250 SCT	20			176	45	25	03	16		007	217 1008 60	HS
SA	2251	250 SCT	20			176	45	24	06	15		008		HS
SA	2352	250 SCT	20			179	43	23	05	15		009		HS

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

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

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

☆ U.S.GPO:1984-0-764-006/6085

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 22 JAN 1985

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.660	42.0	33.6	41	0	0	CS	250												0	0	.005			00-01
01 51	26.660	41.4	33.1	40	0															0					01-02
02 50	26.660	38.8	32.3	50	0															0					02-03
03 51	26.640	38.0	31.2	47	1	1	CI	250												0	8	.020			03-04
04 51	26.640	37.3	31.0	50	1															0					04-05
05 50	26.640	37.2	31.0	50	4															0					05-06
06 51	26.670	37.6	31.1	49	8	5	AC	100	4	CS	E250	8								6	3	.030			06-07
07 50	26.690	39.0	32.0	46	10															10					07-08
08 51	26.705	39.5	32.7	46	10															10					08-09
09 52	26.710	40.9	33.1	43	10	3	AC	80	10	NS	E120	10								10	1	.040			09-10
10 51	26.710	42.4	34.4	45	10															10					10-11
11 52	26.670	45.1	36.2	42	10															9					11-12
12 54	26.660	47.0	36.9	36	9	0	CU	50	3	AC	80	3	5	AS	E120	7	4	CI	250	7	8	.050			12-13
13 51	26.640	47.0	37.0	37	8															6					13-14
14 50	26.640	50.0	38.6	33	6															3					14-15
15 50	26.640	48.7	38.1	36	5	0	AC	80	5	CI	250	5								4	6	.020			15-16
16 54	26.640	46.3	37.0	40	2															2					16-17
17 51	26.650	43.0	35.0	44	0															0					17-18
18 53	26.670	41.0	33.8	47	0	0	CI	250												0	3	.030			18-19
19 54	26.670	39.2	33.0	53	0															0					19-20
20 52	26.670	37.3	31.8	56	0															0					20-21
21 51	26.690	36.8	31.3	55	0	0	CI	250												0	3	.020			21-22
22 50	26.700	36.9	31.2	54	0															0					22-23
23 51	26.700	37.1	31.4	54	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 0345	X	0	0	X	43	38	X	X						X		
	0345	1	0	0	0	45	38		0								
	0946	2	0	0	0	41	36		0								
	1546	3	0	0	0	52	41		0								
	2147	4	0	0	0	49	36		0								
	MID.	X	0	0	0	37	37	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0951	1549	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.640	26.710	26.640	26.690
BAROGRAPH 64	26.660	26.720	26.645	26.690
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	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
52	36	0	0	0	21	NE	0107					8	4		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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 AT: 0572P ⊕0 Sec./ 1855P ⊕0 Sec./ ± Sec.

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: 22 JAN 1985

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0052	CLR	20			175	42	20	05	15		008	002 1008	HS
SA	0151	CLR	20			175	41	19	06	15		008		HS
SA	0250	CLR	20			176	39	22	05	15		008		HS
SA	0357	250-SCT	20			170	38	19	06	12		006	807 1001 36 RADAT 55073	SEA
SA	0451	250-SCT	20			174	37	20	05	11		006		SEA
SA	0550	250-SCT	20			175	37	20	05	13	G18	006		SEA
SA	0651	100 SCT E250 BKN	20			189	38	20	05	10		009	310 1078	SEA
SA	0750	E90 BKN 250 OVC	20			185	39	20	05	11		012	BINOVC NW	SEA
SA	0851	E80 BKN 250 OVC	20			200	40	21	04	13	G18	013	BINOVC NW	SEA
SA	0952	80 SCT E120 OVC	20			202	41	20	04	12		014	VIRGA N-NW BINOVC SE AND	SEA
/	/											/	NW/ 114 107/ 36	/
SA	1051	80 SCT E120 OVC	20			201	42	22	03	10		014		SEA
SA	1152	80 SCT E120 BKN 250 OVC	20			186	45	23	02	15		009	BINOVC NW-N	SEA
SA	1254	80 SCT E120 BKN 250 BKN	20			181	47	22	02	12		008	FEW CU OMTNS SE / 817	SEA
/	/											/	1272	/
SA	1351	80 SCT 120 SCT E180 BKN	20			174	47	22	03	10		006	FEW CU OMTNS SE	SEA
SA	1450	180 SCT 250-BKN	20			173	50	22	03	10		006	FEW CU OMTNS SE	SEA
SA	1550	250 SCT	20			174	49	23	09	09		005	607 1072 52 RADAT 48062	HS
SA	1654	250 SCT	20			177	46	23	04	12		005		HS
SA	1751	CLR	20			184	43	23	03	12		007	CI SE	HS
SA	1853	CLR	20			191	41	23	04	13		009	310 1002	HS
SA	1954	CLR	20			192	39	23	04	16		009		HS
SA	2052	CLR	20			193	37	23	05	14		009		HS
SA	2151	CLR	20			201	37	22	05	15		011	307 1002 52	HS
SA	2250	CLR	20			203	37	22	06	13		012		HS
SA	2351	CLR	20			201	37	22	07	11		012		HS

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 28 JAN 1985

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.700	36.1	30.7	55	0	0	Ci	250												0	1	.010			00-01
01 56	26.700	35.4	30.3	56	0															0					01-02
02 50	26.700	35.0	30.0	57	0															0					02-03
03 52	26.695	34.0	29.0	56	0	0	AC	100												0	8	.005			03-04
04 51	26.690	34.1	29.0	56	0															0					04-05
05 51	26.700	33.4	28.4	55	0															0					05-06
06 53	26.700	33.0	28.0	54	2	2	AC	100												2	3	.005			06-07
07 52	26.720	32.7	27.8	54	2															2					07-08
08 54	26.730	33.4	28.0	51	3															3					08-09
09 54	26.740	39.0	31.7	45	5	1	AC	100	5	AC	180	5	0	Ci	250	5				3	2	.040			09-10
10 52	26.720	41.0	33.0	42	4															3					10-11
11 50	26.700	44.0	34.5	36	4															2					11-12
12 52	26.670	45.8	35.9	36	2	0	CU	60	0	AC	100	0	2	AC	180	2	0	Ci	250	0	7	.070			12-13
13 52	26.655	46.2	36.0	35	1															1					13-14
14 52	26.650	47.4	36.9	35	4															3					14-15
15 50	26.650	48.3	37.4	34	3	3	Ac	180												3	6	.020			15-16
16 52	26.650	45.3	36.6	42	6															6					16-17
17 55	26.660	44.0	35.9	44	8															8					17-18
18 52	26.670	42.7	35.0	46	8	8	Ac	E180												8	3	.020			18-19
19 54	26.680	39.0	32.7	51	3															3					19-20
20 51	26.690	37.6	31.7	53	2															2					20-21
21 50	26.700	37.3	31.6	54	4	4	Ac	180												4	2	.030			21-22
22 50	26.700	36.4	30.8	54	0															0					22-23
23 52	26.700	35.4	30.3	57	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	37	34	X	X						X		
	0348	1	0	0	0	37	34		0								
	0948	2	0	0	0	40	32		0								
	1546	3	0	0	0	49	39		0								
	2146	4	0	0	0	48	37		0								
	MID.	X	0	0	0	37	35	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0953	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.695	26.740	26.650	26.700
BAROGRAPH 64	26.700	26.740	26.650	26.705
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 UNMELTED (Ins.) 69	4 A/M 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
49	32	0	0	0	18	NE	0948					3	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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 AT: 0702P ⊕ 0 Sec./ 1855P ⊕ 0 Sec./ ± Sec.

1252 B 1252

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: 23 JAN 1985

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00=36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0052	CLR	20			201	36	22	06	10		012	103 1002	HS
SA	0156	CLR	20			201	35	22	05	12		012		HS
SA	0250	CLR	20			200	35	21	05	13		012		HS
SA	0352	CLR	20			198	34	20	06	11		012	FEW AC/002 1070 34 RADAT 50054	SEA
SA	0451	CLR	20			198	34	20	05	12		011	FEW AC	SEA
SA	0557	CLR	20			205	33	19	06	10		013	FEW AC/CI	SEA
SA	0653	100 SCT	20			206	33	18	05	09		013	302 1050	SEA
SA	0752	100 SCT 180 SCT	20			215	33	18	05	10		015		SEA
SA	0854	100 SCT 180 SCT	20			219	33	17	05	10		016		SEA
SA	0954	100 SCT 180 SCT 250 SCT	20			220	39	19	04	10	G18	017	214 1071 32	SEA
SA	1052	100 SCT 180 SCT 250 SCT	20			212	41	19	03	11		015	FEW CU CIRTNS SE-S	SEA
SA	1150	180-SCT 250-SCT	20			201	44	19	36	05		013	FEW CU CIRTNS SE-S	SEA
SA	1252	180-SCT 250-SCT	20			190	46	20	04	09		009	FEW CU CIRTNS SE-S/724 ~~10~~ 1171	SEA
SA	1352	180 SCT	20			184	46	20	02	09		008	FEW CU CIRTNS SE FEW AC 100	SEA
SA	1452	120 SCT 180 SCT 250 SCT	20			182	47	21	02	05		007		SEA
SA	1550	180 SCT	20			182	48	21	10	09		007	607 1070 49 RADAT 47060	HS
SA	1652	E180 BKN	20			184	45	24	12	07		007		HS
SA	1755	E180 BKN	20			189	44	24	05	08		008		HS
SA	1852	E180 BKN	20			194	43	23	02	08		009	307 1070	HS
SA	1954	180 SCT	20			200	39	23	03	11		010		HS
SA	2051	180 SCT	20			204	38	22	04	12		011		HS
SA	2150	180 SCT	20			205	37	22	05	12		012	210 1070 49	HS
SA	2250	CLR	20			204	36	21	05	13		012	AC SE	HS
SA	2352	CLR	20			203	35	22	06	12		012		HS

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

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7ww_1W_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 24 JAN 1985

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 51	26.700	35.1	30.0	56	0	0	Ac	180												0	4	.000			00-01
01 50	26.705	34.0	29.6	61	0															0					01-02
02 50	26.710	33.0	28.9	62	0															0					02-03
03 53	26.720	33.2	28.0	53	0	0	Ac	180												0	3	.020			03-04
04 55	26.720	33.0	28.4	58	0															0					04-05
05 52	26.720	32.8	28.8	62	0															0					05-06
06 52	26.730	32.4	28.8	66	5	5	Ac	150												5	3	.010			06-07
07 51	26.740	36.3	31.2	58	3															2					07-08
08 52	26.745	38.0	32.3	55	3															2					08-09
09 54	26.760	40.5	33.8	50	5	0	Cu	70	0	Ac	150	0	5	Ci	250	5				2	3	.030			09-10
10 54	26.760	43.7	35.8	46	0															0					10-11
11 52	26.730	45.6	37.6	47	0															0					11-12
12 54	26.710	47.2	37.8	41	1	1	Cu	70												1	8	.050			12-13
13 54	26.710	49.0	39.2	40	1															1					13-14
14 50	26.710	49.6	39.3	38	1															1					14-15
15 50	26.710	50.3	39.2	35	2	1	Cu	70	1	Ac	160	2								2	4	.000			15-16
16 52	26.720	46.1	36.9	41	3															3					16-17
17 52	26.730	38.6	33.2	56	3															3					17-18
18 52	26.740	36.8	32.7	66	2	1	Sc	70	1	Ac	160	2								2	2	.030			18-19
19 52	26.750	34.2	30.9	71	1															1					19-20
20 52	26.760	35.8	32.2	69	1															1					20-21
21 52	26.765	36.3	32.4	71	4	4	Ac	140												4	1	.025			21-22
22 52	26.775	36.8	33.0	68	6															6					22-23
23 52	26.775	39.2	34.7	65	6															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 0349		0	0		35	33										
	0349	1	0	0	0	37	33		0								
	0950	2	0	0	0	41	32		0								
	1546	3	0	0	0	52	41		0								
	2148	4	0	0	0	50	33		0								
	MID.		0	0	0	39	36										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0951	1548	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.720	26.760	26.710	26.765
BAROGRAPH 64	26.725	26.775	16.726	16.775
BAR. CORR. 65	-.005	-.015	-.010	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
52	32	0	0	0	15	NE	0908					2	2		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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 AT: 0905 ± 0 Sec./ 2332 P ± 0 Sec./ ± Sec.

SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

U.S. G.P.O. 1982-564-008/1124

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: 24 JAN 1985

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 (13b)
SA	0051	CLR	20			201	35	21	05	13		012	400 1070	HS
SA	0150	CLR	20			204	34	22	05	09		013		HS
SA	0250	CLR	20			205	33	21	05	10		013		HS
SA	0353	CLR	20			208	33	18	04	10		014	307 1070 33 RAWT 60048	EP
SA	0455	CLR	20			211	33	20	03	11		014		EP
SA	0552	CLR	20			211	33	21	03	10		014		EP
SA	0652	150 SCT	20			217	32	22	04	08		015	303 1070	EP
SA	0751	150 SCT	20			221	36	23	05	11		016		EP
SA	0852	150 SCT	20			222	38	23	03	10		016		EP
SA	0954	250-SCT	20			226	41	23	04	13		018	310 1131 32	EP
SA	1054	CLR	20			225	44	24	01	09		018	FEW CU AC OVR MNTS SE	EP
SA	1152	CLR	20			213	46	27	09	04		015	FEW CU OVR MNTS SE	EP
SA	1254	70 SCT	20			205	47	25	12	03		013	817 1100	EP
SA	1354	70 SCT	20			204	49	26	25	04		013		EP
SA	1450	70 SCT	20			204	50	25	25	03		013		EP
SA	1550	70 SCT 160 SCT	20			204	52	24	24	07		013	400 1170 52 RADAT 53060	WRC
SA	1652	70 SCT 160 SCT	20			210	46	24	22	07		014		WRC
SA	1752	70 SCT 160 SCT	20			219	39	25	00	00		015		WRC
SA	1852	70 SCT 160 SCT	20			224	37	27	10	06		016	210 1470	WRC
SA	1952	70 SCT	20			227	34	26	00	00		017		WRC
SA	2052	70 SCT	20			230	36	27	09	04		018		WRC
SA	2152	140 SCT	20			229	36	28	36	06		019	108 1070 52	WRC
SA	2252	E 140 BKN	20			234	37	27	36	07		020		WRC
SA	2352	E 140 BKN	20			232	39	28	36	05		020		

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 (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 JAN 25

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	26.775	39.7	34.9	63	6	6	AC	E120												6	1	.010			00-01
0152	26.780	39.3	34.9	66	6															6					01-02
0250	26.780	37.3	34.0	73	6															6					02-03
0357	26.780	38.0	34.0	68	8	2	SC	60	6	AC	E120	8								7	1	.005			03-04
0453	26.790	37.6	34.2	72	8															6					04-05
0552	26.790	34.8	32.0	75	3															3					05-06
0652	26.800	35.0	32.6	79	1	1	SC	60	0	AC	140	1								1	3	.020			06-07
0754	26.815	35.5	32.6	75	7															6					07-08
0851	26.820	40.6	36.0	65	7															5					08-09
0955	26.830	44.4	38.6	60	9	0	CU	60	3	AC	180	3	6	CS	250	9				2	2	.030			09-10
1052	26.830	47.4	40.7	57	9															4					10-11
1153	26.800	50.5	42.0	49	8															4					11-12
1253	26.770	50.5	41.7	48	8	2	CU	50	0	AC	180	2	6	CI	250	8				4	8	.060			12-13
1353	26.760	51.6	42.2	45	8															5					13-14
1450	26.740	52.1	42.6	46	8															3					14-15
1552	26.740	51.0	40.4	38	8	8	SC	E50	0	CI	250	8								8	6	.030			15-16
1652	26.740	49.8	41.0	47	7															7					16-17
1752	26.750	47.2	39.9	53	9															9					17-18
1852	26.770	46.2	39.1	53	8	8	SC	E50												8	3	.050			18-19
1952	26.770	43.3	37.0	56	6															3					19-20
2052	26.780	38.8	34.8	68	6															3					20-21
2152	26.780	38.2	34.4	69	8	8	CI	250												3	1	.010			21-22
2252	26.780	37.6	33.8	69	4															2					22-23
2352	26.760	33.3	31.8	87	3															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	40	37	X	X						X		
	0350	1	0	0	0	40	36		0								
	0950	2	0	0	0	44	33		0								
	1548	3	0	0	0	53	44		0								
	2148	4	0	0	0	52	36		0								
	MID.	X	0	0	0	38	33	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0951	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.780	26.830	26.790	26.780
BAROGRAPH 64	26.795	26.830	26.720	26.750
BAR. CORR. 65	-.015	0	+.070	+.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
53	33	0	0	0	15	SE	1458					7	7		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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 AT: 10.00 ± 0 Sec./ 2320 ± 0 Sec./ ± Sec.

0652 - 0652 12538/APP 820/1300 - 28

* CHANGED BAROGRAPH 0954 PST RESET TO 0 COR

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

U.S. G.P.O. 1982-464-008/1124

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 JAN 25

TO CONVERT LST TO GMT: ADD 6 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0052	E120 BKN	20			228	40	28	03	04		020	103 1070	WRG
SA	0152	E120 BKN	20			229	39	29	06	03		021		WRG
SA	0250	E120 BKN	20			229	37	29	00	00		021		WRG
SA	0357	60 SCT E120 BKN	20			228	38	28	07	06		021	102 1530 33 RAAAT 75059	EP
SA	0453	60 SCT E120 BKN	20			235	38	29	04	07		022		EP
SA	0552	120 SCT	20			240	35	28	05	08		022		EP
SA	0652	60 SCT 140 SCT	20			245	35	29	07	04		023	307 1530	EP
SA	0754	E 140 BKN	20			253	36	28	06	06		024	FEW CU N SE	EP
SA	0851	E 160 BKN	20			251	41	30	05	08		025		EP
SA	0955	180 SCT 250-BKN	20			250	44	32	02	04		026	210 1138 33	EP
SA	1052	180 SCT 250-BKN	20			250	47	33	13	08		026		EP
SA	1153	60 SCT 180 SCT 250-BKN	20			235	51	32	14	12		023	20	EP
SA	1253	50 SCT 180 SCT 250-BKN	20			223	51	31	12	13		019	8HF 1231	EP
SA	1353	50 SCT 180 SCT E250 BKN	20			219	52	31	12	12		018		EP
SA	1450	50 SCT 180 SCT 250-BKN	20			212	52	32	13	09		016		EP
SA	1552	E50 BKN 250 BKN	20			213	51	26	15	06		016	610 1405 53 RADAT 60065	WRG
SA	1652	E50 BKN 250 BKN	20			214	50	30	17	04		016		WRG
SA	1752	E50 BKN	20			220	47	31	00	00		017		WRG
SA	1852	E50 BKN	20			228	46	30	30	04		019	310 1400	WRG
SA	1952	50 SCT 250-BKN	20			230	43	29	00	00		019		WRG
SA	2052	50 SCT 250-BKN	20			234	39	29	11	07		021		WRG
SA	2152	250 -BKN	20			231	38	29	09	04		021	103 1001 53	WRG
SA	2252	250 - SCT	20			230	38	29	03	06		021		WRG
SA	2352	250 - SCT	20			223	33	30	00	00		018		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:1984-0-764-006/6085

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 JAN 26

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	26.750	35.4	32.7	77	8	2	SC	80	6	CI	250	8								3	7	.030			00-01
01 52	26.740	36.7	33.3	72	8															4					01-02
02 50	26.730	36.4	33.6	75	7															3					02-03
03 57	26.730	37.5	34.8	78	9	1	SC	80	4	AC	120	5	4	CS	E250	9				8	6	.020			03-04 04-05
04 53	26.710	36.2	33.8	80	10															9					
05 53	26.700	37.0	34.6	80	10															10					05-06
06 52	26.710	37.6	35.2	80	10	6	SC	E60	1	AC	120	7	3	CS	250	10				9	5	.020			06-07
07 51	26.700	38.7	35.2	72	9															8					07-08
08 51	26.700	42.0	37.3	66	10															9					08-09
09 52	26.700	45.8	39.0	55	7	1	SC	60	7	AC	E150	7	0	CI	250	7				6	6	.010			09-10
10 51	26.680	48.8	40.8	50	5															3					10-11
11 50	26.660	49.8	41.5	50	5															4					11-12
12 52	26.630	51.8	43.2	50	10	2	CU	60	10	AC	E80	10								9	8	.070			12-13
13 52	26.610	51.5	42.0	45	10															10					13-14
14 50	26.610	51.6	41.7	43	10															10					14-15
15 52	26.610	50.0	40.6	44	10	6	SC	E60	4	AC	160	10								10	6	.020			15-16
16 52	26.620	47.0	40.9	60	10															10					16-17
17 52	26.620	43.0	39.4	77	9															7					17-18
18 52	26.620	42.8	39.2	74	9	6	SC	E50	3	AC	140	9								8	1	.010			18-19
19 52	26.620	42.6	39.0	74	10															10					19-20
20 52	26.620	41.4	38.2	76	10															10					20-21
21 52	26.620	39.2	37.8	90	10	10	CU	FRA	E40											10	4	.000			21-22
22 52	26.640	38.3	37.2	91	10															10					22-23
23 52	26.650	37.8	36.8	92	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350		0	0		38	33										
	0350	1	0	0	0	38	33		0								
	0948	2	0	0	0	46	36		0								
	1548	3	0	0	0	52	46		0								
	2148	4	T	0	0	50	39		1								
	MID.		T	0	0	39	37										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0949	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.730	26.700	26.610	26.620
BAROGRAPH 64	26.730	26.710	26.610	26.665
BAR. CORR. 65	+.0	-.010	+.00	-.045

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
52	33	T	0	0	17	NE	2127					9	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1643	1729			
RW-	2133	2318			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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 AT: 0900 ±0 Sec./ 2258P ±0 Sec./ ± Sec.

MF1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 JAN 26

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)	OB. REMARKS (15)
SA	0052	80 SCT 250 - BKN	20			217	35	29	01	04		017	710 1501	WRG
SA	0152	80 SCT 250 - BKN	20			213	37	29	04	08		016		WRG
SA	0250	80 SCT 250 - BKN	20			208	37	30	09	08		015		WRG
SA	0357	80SCT 120SCTE250BKN	20			208	38	31	10	05		015	607 15783 3 RADAT62064	EP
SA	0453	80SCT 120 SCTE250OVC	20			202	36	31	33	05		013		EP
SA	0553	80SCT 120SCTE250 OVC	20			200	37	31	06	05		012		EP
SA	0652	E60 BKN 120BKN 250 OVC	20			204	38	32	08	03		013	507 1577	EP
SA	0751	60SCTE150BKN 250 BKN	20			201	39	31	05	03		012		EP
SA	0851	60SCTE1500VC	20			201	42	31	06	04		012	HIR CLDS VSB	EP
SA	0952	60SCTE150BKN250BKN	20			200	46	31	03	04		012	603 1531 33	EP
SA	1051	60SCT 180SCT 250SCT	20			190	49	31	33	06		010		EP
SA	1150	60SCT 180SCT 250SCT	20			185	50	32	09	05		007		EP
SA	1252	60SCTE1800VC	20			170	52	34	22	03		004	824 127/	EP
SA	1352	60 SCT E1800VC	20			163	52	31	24	10		002		EP
SA	1450	60 SCT E180 OVC	20			163	52	30	24	08		002		EP
SA	1552	E60 BKN 160 OVC	20			163	50	29	28	04		002	607 147/52 RADAT 68065	WRG
SA	1652	E50 BKN 140 OVC	20		RW -	166	47	34	34	07		003	RB43	WRG
SA	1752	50SCT E140 BKN	20			171	43	36	05	14		003	RE29 VIRYA W - N	WRG
SA	1852	E50 BKN 140 BKN	20			171	43	35	04	08		003	10300 1470	WRG
SA	1952	50 SCT E140OVC	20			170	43	35	05	06		003		WRG
SA	2052	E50BKN 140OVC	20			169	41	34	03	11		003		WRG
SA	2152	E40OVC	20		RW -	169	39	36	03	14		003	RB33 40000 17/152	WRG
SA	2252	E40OVC	20		RW -	174	38	36	05	13		005		WRG
SA	2352	E40BKN 1200VC	20			178	38	36	03	09		006	RE18	WRG

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

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$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

MF1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 JAN 27

TO CONVERT LST TO GMT: ADD 6 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0052	40SCT E120 OVC	20			177	38	35	03	12		006	11000 177/	WRG
SA	0152	40SCT E120 BKN	20			178	37	34	03	11		006		WRG
SA	0250	E40 OVC	20			178	36	34	03	10		006	RB14E35	WRG
SA	0355	40 SCT	20			178	38	33	03	04		006	00001 1400 35	/
								32					20001 RADAT 89053	JD
SA	0453	M28 BKN	20			180	38	32	02	08		006		JD
SP	0510	M35 BKN	20						01	06		006		JD
SA	0554	35 SCT	20			185	35	31	04	04		006		JD
SA	0652	35 SCT	20			190	34	31	23	03		008	305 1500	JD
SA	0752	35 SCT	20			195	37	30	00	00		010		JD
SA	0851	CLR	20			199	41	28	04	08		012	SC SE	JD
SA	0953	CLR	20			205	42	28	04	10		013	215 1500 32	JD
SA	1054	25 SCT 90 SCT	20			208	44	27	02	08		014		JD
SA	1150	25 SCT	20			199	46	28	03	06		012		JD
SA	1253	CLR	20			189	46	27	03	07		008	814 1100	JD
SA	1354	CLR	20			181	49	28	32	07		007		JD
SA	1450	CLR	20			180	50	27	22	03		007		JD
SA	1553	CLR	20			185	52	30	24	06		009	500 1100 53 RADAT	JC
/													60056	/
SA	1655	CLR	20			180	47	29	21	05		007		JC
SA	1754	CLR	20			189	42	30	14	02		008		JC
SA	1853	CLR	20			192	37	30	06	07		008	503	JC
SA	1954	CLR	20			192	36	29	07	04		008		JC
SA	2052	CLR	20			187	33	27	05	04		007		JC
SA	2153	CLR	20			191	32	27	11	05		008	500 53	JC
SA	2254	CLR	20			190	31	26	15	02		008		JC
SA	2355	CLR	20			186	30	26	15	03		007		JC

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:1984-0-784-006/6085

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 JAN 27

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	26650	37.6	36.3	89	10	4	Cu Fra	40	6	AC	E120	10								10	1	.030			00-01
0152	26.650	36.4	35.5	89	9															9					01-02
0250	26650	36.2	35.4	93	10															10					02-03
0355	26.650	37.5	35.4	82	1	1	Sc	40												1	0	.000			03-04
0453	26650	37.9	35.4	79	7															7					04-05
0554	26.650	34.6	33.2	87	1															1					05-06
0652	26.665	33.9	32.5	87	3	3	Sc	35												3	3	.015			06-07
0752	26.680	36.8	34.1	78	1															1					07-08
0851	26.695	41.0	35.7	61	0															0					08-09
0952	26.710	42.1	36.2	57	0	0	Sc	25												0	2	.045			09-10
1054	26.720	44.2	36.8	49	1															1					10-11
1150	26.695	45.9	38.3	50	1															1					11-12
1253	26.670	46.0	37.8	46	0	0	Cu	30												0	8	.040			12-13
1354	26.655	49.1	39.8	43	0															0					13-14
1450	26.655	50.3	40.1	40	0															0					14-15
1353	26.620	51.8	41.8	43	0	0	Cu	50												0	5	.000			15-16
1653	26.650	46.9	39.0	49	0															0					16-17
1754	26.660	42.2	37.1	63	0															0					17-18
1852	26.660	37.4	34.4	75	0															0	5	.010			18-19
1954	26.660	35.6	32.9	72	0															0					19-20
2055	26.650	32.8	30.2	80	0															0					20-21
2153	26.660	31.6	29.9	83	0															0	5	.000			21-22
2254	26.660	30.6	28.9	82	0															0					22-23
2355	26.650	30.0	28.6	84	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	.01	0	X	38	35	X	X						X		
	0349	1	.01	0	0	39	35		2								
	0950	2	0	0	0	43	32		1								
	1549	3	0	0	0	53	42		0								
	2149	4	0	0	0	52	31		0								
	MID.	X	0	0	0	32	30	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0952	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26650	26710	26670	26660
BAROGRAPH 64	26.645	26.705	26.665	26.655
BAR. CORR. 65	+.005	+.005	+.005	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
53	30	.01	0	0	15	NE	0054					1	2		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
Ru -	0214	0235			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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 AT: 1255P ± 0 Sec./ 2145P @ 0 Sec./ ± Sec.

0453P/0453P

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 JAN 28

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)	OBS. INITIALS (15)
SA	0052	CLR	20			182	30	25	11	05		005	807	JC
SA	0153	CLR	20			176	30	26	10	04		004		JC
SA	0253	CLR	20			177	27	24	11	04		004		JC
SA	0352	CLR	20			171	29	24	12	02		003	707 26 RADAT 72L035034	JD
SA	0457	CLR	20			171	27	23	32	02		002		JD
SA	0551	CLR	20			173	26	24	16	03		002		JD
SA	0653	CLR	20			174	27	24	11	04		001	607 1405	JD
SA	0750	CLR	20			169	31	29	22	03		999		JD
SA	0852	CLR	20			165	36	26	24	03		999	FEW SC CI	JD
SA	0953	25 SCT 250 SCT	20			157	40	29	30	03		997	810 1105 25	JD
SA	1051	25 SCT 250 -BKN	20			142	45	28	30	04		994		JD
SA	1152	30 SCT E230 BKN	20			129	47	25	23	19	G25	991		JD
SA	1253	E45 BKN 220 OVC	20			130	46	24	22	12	G23	991	622 1409	JD
SA	1353	E45 BKN 150 BKN 220 OVC	20			126	46	25	25	12		989		JD
SA	1455	50 SCT E150 BKN 230 OVC	20			118	45	24	26	09		986		JD
SA	1553	150 SCT E250 OVC	20			119	45	27	29	07		987	602 1178 48 RADAT 59055	JC
SA	1655	50 SCT E150 BKN 250 OVC	20			121	42	28	30	06		987		JC
SA	1754	50 SCT E150 BKN 250 OVC	20			127	41	29	32	09		988		JC
SA	1853	150 SCT 250 - BKN	20			126	40	28	26	09		988	203 1021	JC
SA	1954	250 - SCT	20			130	36	28	35	02		989		JC
SA	2053	CLR	20			136	33	25	34	11		991		JC
SA	2153	CLR	20			139	32	26	05	04		992	214 48	JC
SA	2254	CLR	20			145	30	24	09	03		994		JC
SA	2355	CLR	20			148	28	23	16	03		996		JC

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 (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 JAN 28

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	29.7	28.2	83	0															0	8	.020			00-01
01 53	26.630	30.0	28.5	84	0															0					01-02
02 55	26.630	27.4	26.3	86	0															0					02-03
03 52	26.620	28.6	27.1	82	0															0	7	.020			03-04
04 57	26.610	27.2	26.1	85	0															0					04-05
05 51	26.605	25.5	25.2	93	0															0					05-06
06 53	26.600	27.1	26.3	88	0	0	SC	35	0	Ci	250	0								0	6	.020			06-07
07 50	26.590	30.9	29.4	85	0															0					07-08
08 52	26.585	36.2	32.2	66	0															0					08-09
09 53	26.570	40.1	35.4	64	1	1	Cu	25	0	Ci	250	1								1	8	.030			09-10
10 51	26.535	44.5	37.4	52	6															2					10-11
11 50	26.505	46.6	37.6	42	9															8					11-12
12 53	26.505	46.1	37.0	41	10	0	CuFm	30	6	SC	E45	6	4	CC	220	10				9	6	.065			12-13
13 53	26.495	46.0	37.4	44	10															9					13-14
14 55	26.470	44.7	36.3	44	10															7					14-15
15 53	26.470	44.6	37.1	49	10	0	Cu	50	4	Ac	150	4	6	CS	E250	10				7	6	.035			15-16
16 53	26.470	42.2	36.2	57	10															9					16-17
17 54	26.480	40.2	35.6	61	10															10					17-18
18 53	26.480	40.1	35.0	61	9	4	Ac	150	5	Ci	250	9								4	2	.010			18-19
19 54	26.490	35.9	32.7	73	2															0					19-20
20 53	26.510	32.7	29.8	72	0															0					20-21
21 53	26.520	31.8	29.6	78	0															0	2	.040			21-22
22 54	26.540	29.7	27.8	79	0															0					22-23
23 55	26.550	28.4	26.6	79	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	30	26	X	X						X		
	0347	1	0	0	0	32	26		0								
	0948	2	0	0	0	41	25		0								
	1549	3	0	0	0	48	40		0								
	2148	4	0	0	0	45	31		0								
	MID.	X	0	0	0	32	28	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0357	0957	1557	2157
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.620	26.570	26.470	26.510
BAROGRAPH 64	26.620	26.570	26.470	26.515
BAR. CORR. 65	0	0	±0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
48	25	0	0	0	26	SW	1154					6	4		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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 AT: 0520P ± 0 Sec./ 2145P ± 0 Sec./ ± Sec.

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 JAN 29

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	26.540	27.3	26.3	87	0															0	0	.020			00-01
01 51	26.570	27.4	26.2	84	0															0					01-02
02 50	26.580	26.8	25.7	85	0															0					02-03
03 53	26.560	32.0	28.8	69	0															0	0	.020			03-04
04 53	26.555	25.6	24.5	84	0															0					04-05
05 50	26.550	26.8	25.1	78	0															0					05-06
06 53	26.580	28.1	26.0	75	0	0	C.	250												0	3	.020			06-07
07 51	26.590	31.5	29.2	77	0															0					07-08
08 51	26.610	36.9	31.7	58	0															0					08-09
09 53	26.620	40.6	34.1	52	0	0	Cu	40	0	C:	250	0								0	1	.040			09-10
10 56	26.615	42.5	34.9	46	0															0					10-11
11 51	26.580	43.8	35.2	41	0															0					11-12
12 52	26.530	44.0	34.7	37	0	0	Cu	45	0	C:	250	0								0	8	.090			12-13
13 52	26.510	47.8	37.4	36	1															1					13-14
14 54	26.510	47.0	35.9	31	1															1					14-15
15 53	26.570	46.1	36.4	37	1	1	Cu	50												1	6	.020			15-16
16 51	26.620	42.7	34.0	39	3															3					16-17
17 52	26.630	39.6	32.2	44	2															2					17-18
18 51	26.540	32.6	31.7	53	1	1	Ac	70												1	2	.030			18-19
19 53	26.540	35.1	29.1	49	0															0					19-20
20 54	26.530	33.2	28.1	53	2															2					20-21
21 53	26.550	31.2	27.0	58	6	6	Ac	1570												6	2	.010			21-22
22 53	26.570	32.0	27.6	58	8															8					22-23
23 54	26.570	29.8	25.9	57	4															4					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349		0	0		28	25										
	0349	1	0	0	0	32	25		0								
	0949	2	0	0	0	41	25		0								
	1548	3	0	0	0	48	40		0								
	2149	4	0	0	0	46	31		0								
	MID.		0	0	0	32	29										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0952	1550	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.560	26.620	26.570	26.550
BAROGRAPH 64	26.560	26.620	26.565	26.540
BAR. CORR. 65	0	0*	+.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
48	25	0	0	0	17	NW	1350					1	1		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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 AT: 0431P ± 0 Sec./ 2144P 0 Sec./ ± Sec.

* 0955P Barograph Changed 0 Corr.

MF 1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 JAN 29

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0054	CLR	20			145	27	24	06	04		994	007	JC
SA	0151	CLR	20			156	27	23	10	03		998		JC
SA	0250	CLR	20			161	27	23	36	04		999		JC
SA	0353	CLR	20			150	32	23	34	02		996	007 25 RADAT 83L035045	JD
SA	0453	CLR	20			154	26	21	36	04		996		JD
SA	0550	CLR	20			152	27	21	04	06		995		JD
SA	0653	CLR	20			164	28	21	33	04		998	307 1005	JD
SA	0751	CLR	20			169	32	25	21	03		999		JD
SA	0851	CLR	20			174	37	23	29	03		002		JD
SA	0953	CLR	20			176	41	24	24	05		003	114 1101 25	JD
SA	1056	CLR	20			174	43	23	25	05		003		JD
SA	1151	CLR	20			161	44	22	22	05		998	FEW CU C1	JD
SA	1252	CLR	20			142	44	20	22	09		993	830 1101	JD
SA	1352	45 SCT 250 SCT	20			133	48	22	30	10 G17		991		JD
SA	1454	50 SCT 250 SCT	20			133	47	18	29	11		991		JD
SA	1553	50 SCT	20			131	46	22	33	06		991	602 1100 48 RADAT 38056	JC
SA	1651	50 SCT	20			140	43	20	02	10		992		JC
SA	1752	50 SCT	20			146	40	19	03	13		993		JC
SA	1851	70 SCT	20			150	38	22	04	11		994	210 1070	JC
SA	1953	CLR	20			149	35	18	05	08		994		JC
SA	2054	70 SCT	20			152	33	18	04	04		996		JC
SA	2153	E70 BKN	20			151	31	18	05	06		996	203 1070 48	JC
SA	2255	E70 BKN	20			156	32	19	04	08		998		JC
SA	2354	100 SCT	20			157	30	17	31	03		998		JC

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 (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 JAN 30

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 54	26.570	30.2	26.8	61	1	1	AC	100												1	1	.020			00-01
01 52	26.580	28.4	24.4	56	0															0					01-02
02 50	26.580	26.2	22.9	60	0															0					02-03
03 55	26.570	31.8	26.5	49	8	8	AC	E90												8	0	.000			03-04
04 54	26.570	31.9	26.2	46	10															9					04-05
05 52	26.590	30.7	25.8	48	10															3					05-06
06 53	26.590	30.0	25.0	49	6	2	SC	60	3	AC	90	5	1	CI	250	6				3	1	.020			06-07
07 54	26.610	31.1	26.4	54	7															6					07-08
08 52	26.620	32.4	26.9	49	8															4					08-09
09 55	26.635	35.6	27.7	34	1	0	CU	50	1	AC	90	1								1	3	.045			09-10
10 55	26.645	36.6	27.9	30	1															1					10-11
11 54	26.620	36.8	28.2	31	2															2					11-12
12 55	26.600	38.5	29.9	34	2	2	SC	60												2	8	.035			12-13
13 54	26.590	38.6	30.1	35	2															2					13-14
14 54	26.590	37.8	30.6	43	1															1					14-15
15 53	26.600	37.6	31.9	55	0	0	SC	60												0	5	.000			15-16
16 51	26.600	34.7	30.1	60	0															0					16-17
17 54	26.630	31.6	26.7	52	0															0					17-18
18 53	26.650	28.4	23.4	46	0															0	3	.050			18-19
19 54	26.660	29.0	24.1	48	0															0					19-20
20 51	26.670	27.8	23.0	47	0															0					20-21
21 53	26.690	26.4	21.8	47	0															0	3	.040			21-22
22 54	26.710	24.2	21.0	58	0															0					22-23
23 55	26.700	23.6	19.8	51	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	26	X	X						X		
	0349	1	0	0	0	32	26		0								
	0950	2	0	0	0	36	29		0								
	1549	3	0	0	0	40	35		0								
	2148	4	0	0	0	38	26		0								
	MID.	X	0	0	0	27	23	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0953	1357	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.570	26.635	26.600	26.690
BAROGRAPH 64	26.560	26.635	26.595	26.675
BAR. CORR. 65	+.010	0	+.005	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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	23	0	0	0	25	NE	2114					3	2		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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 AT: 0440P ± 0 Sec./ 2140P ± 0 Sec./ ± Sec.

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED. ☆ U.S. G.P.O. 1982-364-008/1171

MF1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 JAN 30

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. REPORTING INITIALS (15)
SA	0054	100 SCT	20			156	31	19	02	09		998	107 1070	JC
SA	0152	CLR	20			159	28	15	06	07		999		JC
SA	0250	CLR	20			160	26	14	04	07		999		JC
SA	0355	E 90 BKN	20			154	32	15	03	04		997	000 1050 26	/
/													RADAT 44L034038	JD
SA	0454	E 90 OVC	20			154	32	13	04	03		997		JD
SA	0552	60 SCT 90 SCT 250 - OVC	20			166	31	13	33	04		999		JD
SA	0653	60 SCT 90 SCT 250 - BKN	20			168	30	13	05	09		999	MTN TOPS OBSD SE/107 1531	JD
SA	0754	E 60 BKN 90 BKN	20			177	31	16	04	09	G17	002	MTN TOPS OBSD SE	JD
SA	0852	55 SCT 90 SCT 250 - BKN	20			181	32	15	03	12		003	SWV MTNS OBSD SE	JD
SA	0955	90 SCT	20			186	36	10	02	12	G18	005	315 1130 26	JD
SA	1055	60 SCT	20			188	37	8	01	13		006		JD
SA	1154	60 SCT	20			180	37	9	35	10	G17	003		JD
SA	1255	60 SCT	20			171	39	13	05	12	G18	001	812 1500	JD
SA	1354	60 SCT	20			169	39	13	03	16		999		JD
SA	1454	60 SCT	20			171	38	18	02	12	G19	999		JD
SA	1553	CLR	20			171	38	23	03	13	G17	001	500 1500 40 RADAT	JC
/													31040	/
SA	1651	CLR	20			173	35	22	04	10	G16	001		JC
SA	1754	CLR	20			187	32	16	04	12	G17	004		JC
SA	1853	CLR	20			197	28	10	02	13	G18	007	317	JC
SA	1954	CLR	20			200	29	12	04	10	G17	008		JC
SA	2057	CLR	20			204	28	10	04	11	G20	009		JC
SA	2153	CLR	20			210	26	9	08	10		011	314 40	JC
SA	2254	CLR	20			219	24	12	06	07		013		JC
SA	2353	CLR	20			215	24	8	04	08		012		JC

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 (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 JAN 31

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	26.690	21.6	18.0	50	0															0	0	.000			00-01
01 55	26.690	20.0	16.7	51	0															0					01-02
02 55	26.680	21.1	17.3	46	0															0					02-03
03 55	26.675	20.9	17.2	47	0															0	8	.015			03-04
04 54	26.670	21.1	18.0	55	0															0					04-05
05 56	26.670	20.4	17.1	51	0															0					05-06
06 55	26.680	20.0	16.5	48	0															0	3	.005			06-07
07 57	26.670	22.9	18.8	46	4															2					07-08
08 52	26.670	25.5	20.5	41	4															2					08-09
09 49	26.670	27.6	22.0	39	4	4	Ci	250												2	6	.010			09-10
10 51	26.650	29.8	23.4	35	0															0					10-11
11 48	26.610	31.2	24.7	38	0															0					11-12
12 53	26.580	33.8	27.2	41	1	1	Ac	120												1	7	.090			12-13
13 52	26.570	33.4	27.0	42	3															1					13-14
14 50	26.560	33.2	24.4	22	3															2					14-15
15 57	26.560	32.1	25.0	34	1	0	Sc	50	1	Ac	100	1	0	Cs	250	1				1	6	.020			15-16
16 57	26.560	30.0	23.5	35	5															5					16-17
17 56	26.570	28.7	22.7	37	8															4					17-18
18 53	26.580	26.8	21.4	39	8	3	Ac	100	5	Cs	250	8								4	3	.020			18-19
19 59	26.590	24.9	20.0	41	5															5					19-20
20 58	26.600	25.0	20.0	40	5															5					20-21
21 59	26.610	24.5	20.0	44	5	5	Ac	100												5	2	.030			21-22
22 55	26.620	24.0	19.2	40	1															1					22-23
23 55	26.620	23.0	18.2	38	0															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	24	19	X	X						X		
	0350	1	0	0	0	27	19		0								
	0942	2	0	0	0	28	20		0								
	1550	3	0	0	0	35	28		0								
	2157	4	0	0	0	32	25		0								
	MID.	X	0	0	0	25	23	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0948	1557	2159
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.615	26.610	26.560	26.610
BAROGRAPH 64	26.670	26.665	26.560	26.600
BAR. CORR. 65	+.005	+.005	0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
35	19	0	0	0	30	NE	1223					2	2		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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 AT: 0953 P @ 0 Sec./ 1810P ± 0 Sec./ ± Sec.

MF1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 JAN 31

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0024	CLR	20			211	22	6	04	09		011	000	JC
SA	0153	CLR	20			214	20	5	04	08		011		JC
SA	0255	CLR	20			207	21	4	07	08		010		CC
SA	0355	CLR	20			207	21	4	05	08		009	805 19 RADAT ZERO	CC
SA	0454	CLR	20			207	21	7	07	09		008		CC
SA	0556	CLR	20			211	20	5	05	10		008		CC
SA	0655	CLR	20			218	20	3	05	11		010	302	CC
SA	0757	250 - SCT	20			211	23	5	04	11		008		CC
SA	0852	250 - SCT	20			210	26	5	02	11		008		CC
SA	0949	250 - SCT	20			210	28	6	04	11		008	603 1002 19	CC
SA	1051	CLR	20			202	30	6	06	11 G17		006	FEW CU SW	CC
SA	1148	CLR	20			185	31	8	03	09 G17		002	FEW CU S	CC
SA	1253	120 SCT	20			174	34	13	03	14 G21		998	730 1040	CC
SA	1353	120 SCT 250 SCT	20			171	41	13	04	16 G25		997		CC
SA	1450	100 SCT 250 SCT	20			167	33	-2	04	16 G21		996		CC
SA	1557	100 SCT 250 SCT	20			167	32	7	04	18		996	607 1578 35 RADAT 20034	CC
SA	1657	100 SCT 250 SCT	20			169	30	6	03	15		996		CC
SA	1756	100 SCT 250 - BKN	20			174	29	6	03	08		997		CC
SA	1853	100 SCT 250 - BKN	20			179	27	5	05	08		998	307 1078	CC
SA	1959	100 SCT	20			183	25	4	02	10		999		CC
SA	2054	100 SCT	20			185	25	4	04	10		001		CC
SA	2159	100 SCT	20			188	25	6	04	10		002	210 1070 35	CC
SA	2255	100 SCT	20			191	24	3	03	10		003		CC
SA	2355	CLR	20			191	23	1	01	08		003		CC

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 (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 01 JAN 1985

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. 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 51	26.880	33.8	28.8	55	0															0	1	.005			00-01
01 50	26.890	32.4	27.8	57	0															0					01-02
02 50	26.890	34.9	28.6	46	0															0					02-03
03 53	26.900	33.2	28.2	50	0															0	2	.020			03-04
04 55	26.900	33.5	27.7	48	0															0					04-05
05 54	26.920	32.7	26.9	46	0															0					05-06
06 53	26.940	34.0	28.4	50	0															0	3	.040			06-07
07 54	26.950	35.2	29.2	49	0															0					07-08
08 52	26.970	36.9	31.4	55	0															0					08-09
09 53	26.980	40.8	32.7	41	0															0	2	.040			09-10
10 54	26.960	42.9	34.0	38	0															0					10-11
11 55	26.930	45.0	35.2	35	0															0					11-12
12 55	26.910	46.8	36.3	34	0															0	7	.070			12-13
13 54	26.930	46.5	36.1	34	0															0					13-14
14 50	26.930	47.0	36.7	35	0															0					14-15
15 51	26.930	44.7	34.9	35	0															0	1	.020			15-16
16 52	26.935	41.2	33.5	44	0															0					16-17
17 50	26.950	38.5	31.5	45	0															0					17-18
18 53	26.960	36.2	30.3	51	0															0	2	.030			18-19
19 50	26.965	34.0	29.5	60	0															0					19-20
20 50	26.960	36.0	30.0	50	0															0					20-21
21 51	26.980	34.7	29.0	50	0															0	3	.020			21-22
22 50	26.995	34.4	28.8	51	0															0					22-23
23 51	27.000	33.7	28.5	53	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		35	32										
	0748	1	0	0	0	35	32		0								
	0949	2	0	0	0	41	32		0								
	1548	3	0	0	0	47	41		0								
	2147	4	0	0	0	45	34		0								
	MID.		0	0	0	35	34										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0951	1549	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.900	26.980	26.930	26.980
BAROGRAPH 64	26.905	26.980	26.940	26.990
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	32	0	0	0	30	NE	1230					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 SUNSET

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 AT: 0930 ⊕0 Sec./ 2200 ⊕0 Sec./ ± Sec.

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED. ☆U.S. G.P.O. 1982-564-008/1124