WS FORM F-6
(9-76)

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

STATION: Desert Rock, Nevada

MONTH: January | YEAR: 1984

PRELIMINARY LOCAL CLIMATOLOGICAL DATA

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

DAY	TEMPERATURE °F MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	DEGREE DAYS (Base 65°) HEATING	COOLING	PRECIPITATION (In.) TOTAL (Water equivalent)	SNOWFALL, ICE PELLETS	SNOW, ICE PELLETS OR ICE ON GROUND AT	WIND AVERAGE SPEED KNOTS	FASTEST MILE SPEED KNOTS	DIRECTION	Ave. Stn Press	PERCENT OF POSSIBLE SUN	SKY COVER SUNRISE TO SUNSET (Tenths)	WEATHER OCCURRENCES	RH 04	10	16	22
1	56	39	48		17	0	0	0	0	13.8	24	N	26.95	100	0		45	40	21	37
2	58	38	48		17	0	0	0	0	13.6	22	NE	27.00	100	0		39	24	12	27
3	62	35	49		16	0	0	0	0	9.2	18	N	26.91	100	1		26	18	15	28
4	66	48	57		8	0	0	0	0	11.6	22	NE	26.86	97	3		31	36	33	66
5	66	43	55		10	0	0	0	0	8.9	18	E	26.76	100	0		65	44	33	71
6	69	41	55		10	0	0	0	0	7.3	17	E	26.77	100	0		68	36	31	65
7	67	38	53		12	0	0	0	0	3.7	10	SW	26.74	100	0		66	46	33	71
8	63	35	49		16	0	0	0	0	4.5	12	SW	26.73	62	9		83	59	34	76
9	65	37	51		14	0	0	0	0	9.0	19	NE	26.85	100	0		48	33	18	35
10	60	36	48		17	0	0	0	0	6.6	19	E	26.82	72	10		47	35	22	48
11	56	30	43		22	0	0	0	0	11.5	30	N	26.77	98	0		56	39	23	47
12	50	33	42		23	0	0	0	0	8.0	17	NE	26.73	57	9		48	38	29	55
13	50	33	42		23	0	0.02	0	0	6.1	18	W	26.84	65	4	RW-	56	34	29	93
14	46	27	37		28	0	0	0	0	5.2	17	SW	26.57	99	0		89	70	41	80
15	48	30	39		26	0	0	0	0	8.2	17	NE	26.76	85	4		67	53	31	55
16	47	29	38		27	0	0	0	0	7.1	14	NE	26.63	44	6		49	43	29	69
17	45	28	37		28	0	0	0	0	7.9	26	NE	26.69	100	0		58	47	22	39
18	41	25	33		32	0	0	0	0	8.5	16	E	26.84	60	9		44	53	40	49
19	51	23	37		28	0	0	0	0	4.5	17	NE	26.75	100	0		49	33	18	33
20	49	29	39		26	0	0	0	0	10.9	20	NE	26.87	98	4		62	45	22	43
21	48	29	39		26	0	0	0	0	4.7	12	NE	26.70	10	10		53	36	21	50
22	55	29	42		23	0	0	0	0	7.2	16	NE	26.69	80	2		81	36	29	60
23	57	31	44		21	0	0	0	0	8.8	24	NE	26.80	86	6		79	41	24	55
24	68	38	53		12	0	0	0	0	9.1	23	NE	26.86	66	8		56	37	29	51
25	64	37	51		14	0	0	0	0	6.2	17	NE	26.75	100	0		58	43	28	66
26	55	37	46		19	0	0	0	0	17.0	40	N	26.77	86	1		22	28	17	26
27	60	36	48		17	0	0	0	0	12.6	21	NE	26.90	97	1		30	17	16	35
28	68	43	56		9	0	0	0	0	13.6	24	NE	26.80	100	0		37	25	11	26
29	69	43	56		9	0	0	0	0	11.6	21	NE	26.69	96	5		42	21	10	18
30	65	39	52		13	0	0	0	0	9.8	19	SE	26.72	69	6		24	12	10	20
31	63	37	50		15	0	0	0	0	7.2	17	SE	26.71	44	9		30	22	15	33
SUM	1787	1076	—	—	578	0	0.02	0	—	273.9	—	—	830.23	—	107	—	1608	1144	746	1527
AVG	57.6	34.7	—	—	—	—	—	—	—	8.8						—				
MISC. →											FASTEST 40	DIRECTION N	26.78	% 83	3.5	—	52	37	24	49

TEMPERATURE DATA

AVERAGE MONTHLY 46.2
DEPARTURE FROM NORMAL 2.6
HIGHEST 69 ON 6
LOWEST 23 ON 19

NUMBER OF DAYS WITH –
MAX. 32° OR BELOW 0
MAX. 90° OR ABOVE 0
MIN. 32° OR BELOW 11
MIN. 0° OR BELOW 0

HEATING DEGREE DAYS (Base 65°)
TOTAL THIS MONTH 578
DEPARTURE FROM NORMAL -75
SEASONAL TOTAL 2278
DEPARTURE FROM NORMAL

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

PRECIPITATION DATA

TOTAL FOR THE MONTH 0.02 IN.
DEPARTURE FROM NORMAL IN.
GREATEST IN 24 HRS. 0.02 ON 13

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) 17
PARTLY CLOUDY (Scale 4–7) 7
CLOUDY (Scale 8–10) 7
WITH 0.01 INCH OR MORE PRECIP. 1
WITH 0.10 INCH OR MORE PRECIP. 0
WITH 0.50 INCH OR MORE PRECIP. 0
WITH 1.00 INCH OR MORE PRECIP. 0

SYMBOLS USED IN COLUMN 16
T = thunder-storm
R = rain
RW = rain shower
S = snow
SW = snow shower
F = fog

MAXIMUM PRECIPITATION

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

HIGHEST ~~SEA LEVEL~~ Stn 27.06 IN. ON 2
LOWEST ~~SEA LEVEL~~ 26.36 IN. ON 14

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 1984

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 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. OBSERVER'S INITIALS (15)
SA	0049	CLR	20			276	44	27	07	13		037	310 1001	EP
SA	0145	CLR	20			280	44	25	06	14		038		EP
SA	0250	CLR	20			282	42	28	04	14		038		EP
SA	0348	CLR	20			286	44	24	05	15		040	207 40 RADAT 31L075082	LG
—	—												085	—
SA	0450	CLR	20			297	40	25	04	13		041		LG
SA	0551	CLR	20			301	41	25	04	16		043		LG
SA	0650	CLR	20			308	39	24	07	10		044	114 1001	LG
SA	0746	CLR	20			311	42	24	04	15		045		LG
SA	0847	CLR	20			318	44	22	04	15	G22	047		LG
SA	0945	CLR	20			315	46	24	04	16	G23	047	110 1001 39	LG
SA	1046	CLR	20			313	48	22	06	15	G22	047		LG
SA	1145	CLR	20			307	51	22	04	13		045		LG
SA	1248	CLR	20			299	54	20	04	14	G20	043	814	LG
SA	1345	CLR	20			290	55	18	07	13		041		LG
SA	1450	CLR	20			287	55	18	10	11		040		LG
SA	1550	CLR	20			291	54	15	09	12		041	507 56 RADAT 20L085065	CG
SA	1654	CLR	20			304	50	15	08	09		043		CG
SA	1746	CLR	20			316	47	16	05	15		046		CG
SA	1847	CLR	20			322	46	20	04	14		047	220	CG
SA	1947	CLR	20			324	46	20	05	16		048		CG
SA	2046	CLR	20			324	44	18	04	15		048		CG
SA	2149	CLR	20			332	42	18	03	13		050	210 56	CG
SA	2246	CLR	20			326	43	18	05	16		049		CG
SA	2349	CLR	20			328	41	19	06	14		050		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 $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

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 NEVADA

DATE: 01 JAN 1984

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 49	26.930	44.2	36.8	50	0	0	CI	250												0	3	-.030			00-01
01 45	26.940	43.9	36.1	47	0															0					01-02
02 50	26.940	42.0	36.2	58	0															0					02-03
03 48	26.950	43.6	35.7	46	0															0	2	.020			03-04
04 50	26.970	40.1	34.1	55	0															0					04-05
05 51	26.980	40.6	34.3	53	0															0					05-06
06 50	26.990	39.0	33.2	55	0	0	CI	250												0	1	.040			06-07
07 46	27.000	42.0	34.7	48	0															0					07-08
08 47	27.020	43.6	35.2	42	0															0					08-09
09 45	27.020	46.3	37.0	40	0	0	CI	250												0	1	-.030			09-10
10 46	27.015	48.1	37.6	36	0															0					10-11
11 45	27.000	51.2	39.2	32	0															0					11-12
12 48	26.980	53.8	40.0	26	0															0	8	.040			12-13
13 45	26.960	55.0	40.3	23	0															0					13-14
14 50	26.950	54.8	40.0	23	0															0					14-15
15 50	26.960	54.2	39.2	21	0															0	5	.020			15-16
16 54	26.980	50.0	37.0	25	0															0					16-17
17 46	27.010	47.2	35.7	30	0															0					17-18
18 47	27.020	46.0	36.0	36	0															0	2	.060			18-19
19 47	27.030	46.0	36.0	36	0															0					19-20
20 46	27.030	44.0	34.3	35	0															0					20-21
21 49	27.050	42.1	33.2	37	0															0	2	.030			21-22
22 45	27.040	43.3	34.0	36	0															0					22-23
23 49	27.050	40.8	32.6	40	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	45	40	X	X						X		
	0344	1	0	0	0	47	40		0								
	0941	2	0	0	0	46	39		0								
	1545	3	0	0	0	56	46		0								
	2148	4	0	0	0	54	42		0								
	MID.	X	0	0	0	44	41	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0945	1550	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.950	27.020	26.960	27.050
BAROGRAPH 64	26.935	27.005	26.960	27.030
BAR. CORR. 65	+.015	+.015	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 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
56	39	0	0	0	24	N	1003					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: 0654P ⊕ 0 Sec./ 1903P ⊕ 0 Sec./ ± Sec.

SP = 00
RS = 00

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: 1984 JAN 02

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 (15)
SA	0053	CLR	20			323	42	17	03	16		049	803	CG
SA	0146	CLR	20			323	40	18	05	15		049		CG
SA	0245	CLR	20			328	38	18	05	14		050		CG
SA	0347	CLR	20			324	39	16	04	16		049	000 38 RADAT 20090	KG
SA	0448	CLR	20			327	38	16	04	15		049		KG
SA	0545	CLR	20			333	39	13	03	15		050		KG
SA	0648	CLR	20			338	38	12	03	14		051	307	KG
SA	0746	CLR	20			337	39	12	02	13		051		KG
SA	0847	CLR	20			336	42	12	03	12		051		KG
SA	0947	CLR	20			335	46	11	03	14		051	400 38	KG
SA	1046	CLR	20			324	50	10	36	07		049		KG
SA	1145	CLR	20			309	52	8	12	14		045		KG
SA	1248	CLR	20			295	55	7	11	13		041	730	KG
SA	1347	CLR	20			284	58	3	07	15		038		KG
SA	1450	CLR	20			280	56	8	07	13		037		KG
SA	1548	CLR	20			276	57	5	08	12		036	617 58 RADAT 20090	CG
SA	1649	CLR	20			288	51	7	05	14		038		CG
SA	1746	CLR	20			297	49	11	11	15		041		CG
SA	1847	CLR	20			301	49	9	04	11		041	117	CG
SA	1950	CLR	20			300	45	12	05	10		041		CG
SA	2048	CLR	20			302	44	13	03	16		041		CG
SA	2146	CLR	20			300	44	12	04	14		041	400 58	CG
SA	2249	CLR	20			297	45	10	06	13		041		CG
SA	2352	CLR	20			288	44	11	06	16		040		CG

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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp $6RRR_{t_R}$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

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: 1984 JAN 02

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	27.040	42.0	33.0	36	0															0	8	.010			00-01
01 46	27.040	40.3	32.1	40	0															0					01-02
02 45	27.050	38.4	31.0	43	0															0					02-03
03 47	27.040	38.8	30.8	39	0															0	0	.000			03-04
04 48	27.040	38.3	30.5	40	0															0					04-05
05 45	27.050	38.8	30.2	35	0															0					05-06
06 48	27.060	38.1	29.6	34	0															0	3	.020			06-07
07 46	27.060	39.1	30.1	32	0															0					07-08
08 47	27.060	42.0	31.8	29	0															0					08-09
09 47	27.060	45.7	33.8	24	0															0	4	.000			09-10
10 46	27.040	49.9	36.0	20	0															0					10-11
11 45	27.000	52.2	36.8	16	0															0					11-12
12 48	26.970	55.2	38.4	14	0															0	7	.090			12-13
13 47	26.940	57.5	39.0	11	0															0					13-14
14 50	26.930	56.3	39.0	14	0															0					14-15
15 48	26.920	56.5	38.7	12	0															0	6	.050			15-16
16 49	26.940	51.2	36.1	16	0															0					16-17
17 46	26.980	49.1	35.7	21	0															0					17-18
18 47	26.970	49.0	35.3	19	0															0	1	.050			18-19
19 50	26.960	44.5	33.2	26	0															0					19-20
20 48	26.970	43.8	33.0	28	0															0					20-21
21 46	26.970	44.0	33.0	27	0															0	4	.000			21-22
22 49	26.970	44.8	33.1	24	0															0					22-23
23 52	26.950	43.8	32.6	26	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 0343	X	0	0	X	42	38	X	X						X		
	0343	1	0	0	0	44	38		0								
	0943	2	0	0	0	46	38		0								
	1544	3	0	0	0	58	46		0								
	2143	4	0	0	0	57	42		0								
	MID.	X	0	0	0	45	43	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1548	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	27.040	27.060	26.970	26.970
BAROGRAPH 64	27.035	27.050	26.960	26.970
BAR. CORR. 65	+005	+010	-.030	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
58	38	0	0	0	22	NE	0030					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: 0547P ⊕0 Sec./ 1810P ⊕0 Sec./ ± Sec.

BAROGRAPH CHART CHANGED - RESET TO ±.0 CORR. 1150PST

SP=00
RS=00

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

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

MF1-10A (1-62)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1984 JAN 03

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-Mil (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	SEQUENCE NUMBER (15)
SA	0050	CLR	20			283	42	12	06	12		038	810	C6
SA	0150	CLR	20			282	43	12	06	10		038		C6
SA	0247	CLR	20			283	42	15	02	10		038		C6
SA	0351	CLR	20			282	43	10	04	04		038	400 39 RADAT 20118	C6
SA	0446	CLR	20			286	42	14	03	11		038		C6
SA	0545	CLR	20			286	44	8	10	07		038		C6
SA	0647	250-SCT	20			292	41	13	03	11		040	303 1001	C6
SA	0747	CLR	20			295	41	15	13	04		040		C6
SA	0845	CLR	20			298	48	12	08	10		042		C6
SA	0948	CLR	20			296	52	12	05	10		042	107 1001 35	C6
SA	1053	CLR	20			290	54	12	12	06		041		C6
SA	1150	CLR	20			274	56	9	09	06		036		C6
SA	1249	CLR	20			266	59	12	10	09		034	824 1001	C6
SA	1348	250-SCT	20			250	60	11	12	12		030		C6
SA	1450	250-SCT	20			246	60	10	13	11		028		C6
SA	1547	250-SCT	20			242	60	12	12	11		027	620 1001 62 RADAT 40114	C6
SA	1654	250-SCT	20			248	56	14	11	10		028		C6
SA	1748	250-SCT	20			258	49	22	02	06		031		C6
SA	1848	250-SCT	20			266	46	24	07	07		032	314 1001	C6
SA	1948	250-SCT	20			264	51	22	09	07		032		C6
SA	2049	250-SCT	20			260	51	19	06	11		032		C6
SA	2148	250 SCT	20			261	51	19	06	13		033	303 1001 62	C6
SA	2253	250 SCT	20			260	51	19	06	10		033		C6
SA	2345	250 SCT	20			255	52	19	05	13		032		C6

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$_1$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: 1984 JAN 03

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	26.940	42.4	32.0	29	0															0	8	.030			00-01
01 50	26.940	42.7	32.0	28	0															0					01-02
02 47	26.940	41.8	32.4	33	0															0					02-03
03 51	26.940	43.1	32.0	26	0															0	4	.000			03-04
04 46	26.940	42.0	32.0	31	0															0					04-05
05 45	26.940	43.9	32.3	23	0															0					05-06
06 47	26.950	41.2	31.5	31	3	3	Ci	250												0	3	.010			06-07
07 47	26.950	40.6	31.6	35	0															0					07-08
08 45	26.970	48.0	35.3	23	0															0					08-09
09 48	26.970	51.7	37.3	20	0	0	Ci	250												0	1	.020			09-10
10 53	26.960	54.3	38.6	18	0															0					10-11
11 50	26.920	55.8	39.0	15	0															0					11-12
12 49	26.900	59.3	41.1	15	0	0	Ci	250												0	8	.070			12-13
13 48	26.860	59.7	41.2	14	2															0					13-14
14 50	26.850	60.1	41.3	14	2															0					14-15
15 47	26.840	60.0	41.5	15	2	2	Ci	250												0	6	.060			15-16
16 54	26.850	56.1	40.0	19	2															0					16-17
17 48	26.870	49.2	38.0	33	2															0					17-18
18 48	26.880	46.1	37.0	41	1	1	Ci	250												0	3	.040			18-19
19 48	26.880	51.3	39.2	31	2															1					19-20
20 49	26.880	51.3	38.5	28	2															1					20-21
21 48	26.890	50.8	38.2	28	3	3	Ci	250												2	3	.010			21-22
22 53	26.880	50.7	38.1	28	3															2					22-23
23 45	26.880	52.1	39.0	27	3															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347	X	0	0	X	44	39	X	X						X		
	0347	1	0	0	0	45	39		0								
	0944	2	0	0	0	52	35		0								
	1543	3	0	0	0	62	52		0								
	2144	4	0	0	0	60	46		0								
	MID.	X	0	0	0	52	50	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0948	1547	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.940	26.970	26.940	26.870
BAROGRAPH 64	26.945	26.965	26.950	26.880
BAR. CORR. 65	-.005	+.005	-.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
62	35	0	0	0	18	N	0248					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: 0651P ⊙0 Sec./ 1903P (±)0 Sec./ ± Sec.

SP=00
RS=00

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

MF 1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1984 JAN 04

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 (10s°) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (15)
SA	0047	250 SCT	20			258	51	21	04	16		033	000 1008	CG
SA	0146	250 - SCT	20			261	50	22	06	14		034		CG
SA	0253	250 - SCT	20			260	51	22	05	17		034		CG
SA	0351	250 - SCT	20			260	51	22	03	15		034	103 1008 46 RAOAT 52124	CG
SA	0448	150 SCT 250 SCT	20			258	49	26	03	11		033		KG
SA	0549	250 - SCT	20			267	51	27	05	14		034		KG
SA	0648	250 - SCT	20			273	50	28	06	13		035	303 1001	KG
SA	0749	250 - SCT	20			268	51	29	02	12		035		KG
SA	0845	250 - BKN	20			275	54	30	03	11		037		KG
SA	0948	250 - BKN	20			273	58	31	03	10		037	107 1001 48 46	KG
SA	1053	250 - BKN	20			263	60	32	01	10		035		KG
SA	1150	250 - SCT	20			251	63	32	11	13		032		KG
SA	1252	250 - SCT	20			238	64	34	11	16	G21	028	729 1001	KG
SA	1350	250 - SCT	20			232	65	35	12	14	G20	026		KG
SA	1450	CLR	20			227	66	34	11	13		025		KG
SA	1547	250 SCT	20			224	64	34	09	08		024	612 1001 66 RADAT 20134	008
SA	1650	250 SCT	20			234	60	35	10	08		026		008
SA	1749	250 SCT	20			235	52	40	09	10		025		008
SA	1848	250 - BKN	20			234	54	38	03	07		025	003 1001	008
SA	1950	250 - BKN	20			241	52	37	04	11		027		008
SA	2051	250 - BKN	20			241	49	39	04	08		027		008
SA	2150	250 - SCT	20			240	50	39	05	08		027	107 1001 66	008
SA	2251	250 - SCT	20			238	49	38	05	09		027		008
SA	2350	250 - SCT	20			233	49	36	06	10		026		008

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

FM12-VII: Iliii $i_R i_X h$VV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$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: 1984 JAN 04

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL O. PAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 47	26.890	50.9	38.8	31	3	3	Cs	250												2	0	.000			00-01
01 46	26.900	50.1	38.5	32	2															1					01-02
02 53	26.900	50.6	39.0	33	2															1					02-03
03 51	26.900	51.0	39.0	31	2	2	Cs	250												1	1	.010			03-04
04 48	26.890	49.1	39.1	40	4															3					04-05
05 49	26.900	50.6	40.2	39	2															0					05-06
06 48	26.910	50.3	40.3	41	2	2	Ci	250												0	3	.010			06-07
07 49	26.910	51.4	41.3	42	3															0					07-08
08 45	26.930	54.3	43.1	39	7															0					08-09
09 48	26.930	57.7	45.1	36	8	8	Ci	250												0	1	.020			09-10
10 53	26.905	59.7	46.4	35	7															0					10-11
11 50	26.880	62.6	47.7	32	3															0					11-12
12 52	26.845	64.0	49.0	33	2	2	Ci	250												0	7	.085			12-13
13 50	26.830	64.8	49.4	32	1															0					13-14
14 50	26.820	65.5	49.6	31	0															0					14-15
15 47	26.810	64.3	49.1	33	1	1	Ci	250												1	6	.035			15-16
16 50	26.830	59.8	47.4	40	2															2					16-17
17 49	26.820	51.9	45.9	64	2															2					17-18
18 48	26.820	53.9	45.7	54	7	7	Ci	250												3	0	.010			18-19
19 50	26.840	50.0	44.6	57	6															3					19-20
20 51	26.840	49.3	44.1	67	6															2					20-21
21 50	26.840	49.6	44.2	66	4	4	Ci	250												2	1	.020			21-22
22 51	26.840	49.3	43.7	65	4															2					22-23
23 50	26.830	48.7	42.7	62	3															1					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0346		0	0		53	50										
	0346	1	0	0	0	53	50		0								
	0944	2	0	0	0	58	48		0								
	1541	3	0	0	0	66	58		0								
	2144	4	0	0	0	65	49		0								
	MID.		0	0	0	51	48										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0948	1546	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.900	26.930	26.810	26.840
BAROGRAPH 64	26.880	26.925	26.830	26.815
BAR. CORR. 65	+.010	+.005	-.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 TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
66	48	0	0	0	22	NE	0709					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: 0534P ⊕1 Sec./ 2008P ⊕2 Sec./ ____ ± Sec.

0948P/46/1300P

SP=00

RS=00

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: 1984 JAN 0 5

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. INITIALS (15)
SA	0051	250 -SCT	20			224	51	37	05	09		024	810 1001	008
SA	0148	250 -SCT	20			228	49	37	02	08		025		008
SA	0247	250 -SCT	20			229	49	37	03	08		025		008
SA	0349	CLR	20			226	47	36	05	11		024	000 1001 46 RADAT 32119	RD
SA	0450	CLR	20			221	48	36	06	13		023		RD
SA	0549	CLR	20			226	48	37	05	11		023		RD
SA	0649	CLR	20			231	47	35	05	07		024	502 1001	RD
SA	0746	CLR	20			233	48	38	09	05		024		RD
SA	0849	CLR	20			226	54	36	11	13		023		RD
SA	0949	CLR	20			221	57	35	10	12		022	805 1001 43	RD
SA	1050	CLR	20			216	59	35	11	16		021		RD
SA	1148	CLR	20			206	62	35	13	13		016		RD
SA	1248	CLR	20			186	64	34	12	14		013	727 1001	RD
SA	1350	CLR	20			195	64	32	12	12		010		RD
SA	1450	CLR	20			166	64	32	12	16		008		RD
SA	1550	CLR	20			173	63	33	12	10		008	514 66 RADAT 20121	008
SA	1651	CLR	20			183	59	33	10	10		011		008
SA	1752	CLR	20			193	53	36	07	07		013		008
SA	1853	CLR	20			204	49	36	16	02		015	220	008
SA	1952	CLR	20			207	51	34	05	07		016		008
SA	2051	CLR	20			208	47	33	04	06		017		008
SA	2146	CLR	20			216	44	36	08	02		019	314 66	008
SA	2249	CLR	20			215	45	35	31	02		019		008
SA	2348	CLR	20			215	49	35	06	05		020		008

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: 1984 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. 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	26.810	51.3	44.4	59	3	3	Ci	250												1	8	.030			00-01
01 48	26.820	49.1	43.1	62	3															1					01-02
02 47	26.820	49.2	43.1	62	2															1					02-03
03 49	26.810	49.0	41.7	65	0	0	Ci	250												0	0	.060			03-04
04 50	26.795	47.6	42.0	64	0															0					04-05
05 49	26.795	49.9	42.8	66	0															0					05-06
06 49	26.805	47.3	41.6	63	0	0	Ci	250												0	5	.005			06-07
07 46	26.810	47.6	42.7	68	0															0					07-08
08 49	26.800	54.0	45.2	51	0															0					08-09
09 47	26.790	56.7	46.1	45	0	0	Ci	250												0	8	.015			09-10
10 50	26.780	59.0	47.0	41	0															0					10-11
11 48	26.740	61.6	48.3	37	0															0					11-12
12 48	26.710	63.6	48.8	33	0	0	Ci	250												0	7	.080			12-13
13 50	26.680	64.0	48.2	30	0															0					13-14
14 50	26.660	64.0	48.3	30	0															0					14-15
15 50	26.670	62.6	48.0	33	0															0	5	.040			15-16
16 51	26.690	59.0	46.2	37	0															0					16-17
17 52	26.710	52.6	44.6	54	0															0					17-18
18 53	26.730	49.1	42.7	60	0															0	2	.060			18-19
19 52	26.740	50.6	42.7	53	0															0					19-20
20 51	26.750	47.3	40.8	58	0															0					20-21
21 46	26.770	44.2	40.1	71	0															0	3	.040			21-22
22 49	26.770	44.8	40.0	67	0															0					22-23
23 48	26.780	48.8	42.1	58	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 0342	X	0	0	X	51	46	X	X						X		
	0342	1	0	0	0	51	46		0								
	0941	2	0	0	0	57	43		0								
	1543	3	0	0	0	66	57		0								
	2141	4	0	0	0	63	44		0								
	MID.	X	0	0	0	50	44	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0946	1549	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.810	26.790	26.670	26.770
BAROGRAPH 64	26.795	26.785	26.685	26.755
BAR. CORR. 65	+.015	+.005	-.015	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
66	43	0	0	0	18	E	1047					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: 0825P ± 0 Sec./ 1922P 0/ Sec./ ± Sec.

~~0148~~ 0148P

SP=00

RS=00

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: 1984 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. (Mb.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. SERVERS INITIALS (15)
SA	0050	CLR	20			216	43	34	16	02		020	203	008
SA	0148	CLR	20			209	47	34	03	07		019		008
SA	0245	CLR	20			210	45	34	05	04		019		008
SA	0349	CLR	20			204	44	35	02	12		019	812 41 RADAT 34121	RD
SA	0451	CLR	20			209	49	33	03	15		018		RD
SA	0551	CLR	20			220	47	32	05	08		021		RD
SA	0646	CLR	20			230	44	34	05	07		023	217	RD
SA	0747	CLR	20			232	49	33	06	10		024		RD
SA	0847	CLR	20			235	53	32	03	15		025		RD
SA	0949	CLR	20			231	58	31	03	10		024	005 41	RD
SA	1047	CLR	20			224	61	32	02	08		023		RD
SA	1147	CLR	20			208	64	32	15	09		019		RD
SA	1249	CLR	20			202	66	32	12	06		017	722	RD
SA	1347	CLR	20			193	68	31	15	08		015		RD
SA	1450	CLR	20			186	67	31	15	07		013		RD
SA	1550	CLR	20			188	66	34	23	06		013	612 69 RADAT 26115	008
SA	1646	CLR	20			196	60	35	17	05		015		008
SA	1748	CLR	20			205	52	36	05	04		016		008
SA	1850	CLR	20			208	51	36	02	06		016	110	008
SA	1951	CLR	20			211	48	34	08	03		017		008
SA	2050	CLR	20			215	48	35	04	05		019		008
SA	2150	CLR	20			220	45	34	05	02		020	214 69	008
SA	2247	CLR	20			218	44	34	19	04		020		008
SA	2349	CLR	20			217	42	36	02	02		020		008

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 (10-78) 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: 1984 JAN 06

To convert L.S.T. to GMT ADD 8 hrs. SUBTRACT ___ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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	26.780	43.0	39.0	71	0														0	2	.010			00-01
01	48	26.765	47.1	41.1	61	0														0					01-02
02	45	26.765	45.3	40.2	65	0														0					02-03
03	49	26.745	43.9	39.4	69	0														0	8	.035			03-04
04	51	26.760	49.0	41.6	54	0														0					04-05
05	51	26.780	46.6	40.0	56	0														0					05-06
06	46	26.795	44.3	39.6	68	0														0	2	.050			06-07
07	47	26.810	49.0	41.4	53	0														0					07-08
08	47	26.815	53.2	43.1	44	0														0					08-09
09	49	26.810	57.6	45.0	36	0														0	0	.015			09-10
10	47	26.800	61.0	47.0	33	0														0					10-11
11	47	26.765	63.7	48.0	31	0														0					11-12
12	47	26.745	65.6	48.9	28	0														0	7	.065			12-13
13	47	26.725	67.6	49.4	25	0														0					13-14
14	50	26.710	67.4	49.3	25	0														0					14-15
15	50	26.710	65.6	49.6	31	0														0	6	.035			15-16
16	46	26.730	59.9	47.4	39	0														0					16-17
17	48	26.740	52.2	44.2	54	0														0					17-18
18	50	26.740	50.6	43.3	56	0														0	1	.030			18-19
19	51	26.750	48.0	41.5	59	0														0					19-20
20	50	26.770	48.2	41.8	59	0														0					20-21
21	50	26.780	44.6	39.6	66	0														0	2	.040			21-22
22	47	26.780	43.9	39.3	67	0														0					22-23
23	49	26.780	42.4	39.2	76	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 0343	X	0	0	X	49	41	X	X						X		
	0343	1	0	0	0	50	41		0								
	0941	2	0	0	0	58	42		0								
	1543	3	0	0	0	69	58		0								
	2141	4	0	0	0	66	44	X	X								
	MID.	X	0	0	0	45	42										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.745	26.810	26.710	26.780
BAROGRAPH 64	26.745	26.810	26.720	26.775
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
69	41	0	0	0	17	E	0616					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: 0753 P ±0 Sec./ 2048P Ø1 Sec./ ± Sec.

CHANGED MICRO-BAROGRAM AT 0948 LST

SP=00
RS=00

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: 1984 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 (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. NETWORKS (15)
SA	0048	CLR	20			213	42	35	10	04		019	803	008
SA	~~0054~~	CLR	20			212	42	32	08	04		019		008
SA	0246	CLR	20			212	41	35	04	02		019		008
SA	0349	CLR	20			205	43	32	32	06		019	807 38 RADAT 36116	RD
SA	0450	CLR	20			212	39	34	04	04		018		RD
SA	0548	CLR	20			216	38	34	08	03		018		RD
SA	0647	CLR	20			219	39	34	32	03		018	303	RD
SA	0750	CLR	20			222	44	33	33	04		020		RD
SA	0851	CLR	20			223	49	33	30	03		021		RD
SA	0948	CLR	20			226	54	33	31	03		022	210 38	RD
SA	1049	CLR	20			219	60	34	15	04		021		RD
SA	1149	CLR	20			205	63	32	20	05		017		RD
SA	1248	CLR	20			192	65	33	24	08		014	725	RD
SA	1347	CLR	20			184	65	33	23	06		012		RD
SA	1450	CLR	20			183	65	31	21	07		011		RD
SA	1550	CLR	20			183	63	34	22	06		011	608 67 RADAT 27115	008
SA	1648	CLR	20			189	57	35	12	02		011		008
SA	1747	CLR	20			201	49	37	10	02		013		008
SA	1851	CLR	20			204	46	36	09	03		013	207	008
SA	1949	CLR	20			200	45	36	07	02		013		008
SA	2050	CLR	20			200	43	35	11	02		013		008
SA	2151	CLR	20			200	44	35	05	02		014	303 67	008
SA	2246	CLR	20			197	41	37	11	05		014		008
SA	2351	CLR	20			194	43	34	10	04		014		008

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 (10-78) 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: 1984 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 48	26.770	42.3	39.1	76	0															0	8	.010			00-01
01 51	26.770	41.9	37.5	68	0															0					01-02
02 46	26.770	41.2	38.4	79	0															0					02-03
03 49	26.750	42.6	38.0	66	0															0	8	.020			03-04
04 50	26.755	38.9	36.6	82	0															0					04-05
05 48	26.755	37.8	35.9	85	0															0					05-06
06 47	26.760	39.1	36.6	80	0															0	3	.010			06-07
07 50	26.770	44.3	39.0	64	0															0					07-08
08 51	26.780	48.9	41.3	53	0															0					08-09
09 48	26.790	53.7	44.0	46	0															0	2	.030			09-10
10 47	26.780	60.2	47.4	38	0															0					10-11
11 49	26.745	62.6	47.5	31	0															0					11-12
12 48	26.715	64.9	49.1	32	0															0	7	.075			12-13
13 47	26.695	64.9	48.6	29	0															0					13-14
14 50	26.690	65.0	48.4	28	0															0					14-15
15 50	26.690	63.1	48.5	34	0															0	6	.025			15-16
16 48	26.690	57.0	46.0	43	0															0					16-17
17 47	26.710	48.7	43.0	64	0															0					17-18
18 51	26.710	46.2	41.4	68	0															0	2	.020			18-19
19 49	26.710	45.0	40.6	70	0															0					19-20
20 50	26.710	43.0	39.3	74	0															0					20-21
21 51	26.720	44.0	39.9	71	0															0	3	.010			21-22
22 46	26.720	41.0	39.0	85	0															0					22-23
23 51	26.720	43.0	38.0	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 0342	X	0	0	X	43	38	X	X						X		
	0342	1	0	0	0	45	38		0								
	0942	2	0	0	0	54	38		0								
	1543	3	0	0	0	67	53		0								
	2145	4	0	0	0	63	42		0								
	MID.	X	0	0	0	46	41	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0947	1549	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.750	26.750	26.690	26.720
BAROGRAPH 64	26.750	26.780	26.690	26.710
BAR. CORR. 65	0	+.030	±0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER: SUNRISE TO SUNSET 78	SKY COVER: MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
67	38	0	0	0	10	SW	1308					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: 0639P ±0 Sec./ 2357P ±1 Sec./ ± Sec.

0151P/0151P 1149P/1149P

SP/00

RS/00

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: 1984 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 (100's) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. REPORTS MISSED (15)
SA	0051	CLR	20			188	38	34	09	03		012	807	~~OB~~
SA	0150	CLR	20			188	38	34	11	03		012		~~OB~~
SA	0246	CLR	20			190	41	33	11	06		013		~~OB~~
SA	0347	CLR	20			191	37	32	08	05		012	000 36 RADAT 35111	SH
SA	0446	CLR	20			197	38	33	12	06		013		SH
SA	0548	CLR	20			205	38	32	11	05		014		SH
SA	0646	250 - SCT	20			211	37	32	10	07		015	210 1001	SH
SA	0749	250 - OVC	20			216	41	34	11	04		017		SH
SA	0847	250 - OVC	20			218	44	34	17	04		018		SH
SA	0948	250 - OVC	20			222	47	34	10	02		019	214 1007 35	SH
SA	1047	E 250 OVC	20			211	53	36	16	02		017		SH
SA	1146	250 - OVC	20			195	62	34	25	03		014		SH
SA	1248	250 - BKN	20			187	62	36	21	10		011	727 1008	SH
SA	1346	250 - BKN	20			185	61	35	21	10		011		SH
SA	1445	250 - BKN	20			182	60	33	21	10		010		SH
SA	1548	220 - OVC	20			187	60	32	23	04		011	500 1004 63 RADAT 20112	MR
SA	1648	220 - OVC	20			196	56	33	25	02		013		MR
SA	1747	220 - OVC	20			202	48	35	07	03		013		MR
SA	1851	220 - SCT	20			213	45	35	18	02		015	214 1001	MR
SA	1953	CLR	20			217	42	34	05	02		017	CI SE	MR
SA	2053	CLR	20			216	44	33	15	04		017		MR
SA	2151	CLR	20			224	40	33	10	02		020	314 63	MR
SA	2248	CLR	20			225	40	33	09	04		021		MR
SA	2346	CLR	20			216	40	33	08	04		020		MR

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: 1984 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.
00 51	26.700	37.9	36.1	85	0															0	8	.030			00-01
01 50	26.700	38.0	36.0	84	0															0					01-02
02 46	26.710	40.8	37.2	72	0															0					02-03
03 47	26.700	37.0	35.0	83	0															0	0	.000			03-04
04 46	26.710	38.1	35.7	80	0															0					04-05
05 48	26.720	38.2	35.6	79	0															0					05-06
06 46	26.730	37.3	35.0	81	5	5	CI	250												2	2	.030			06-07
07 49	26.745	40.8	37.5	75	10															4					07-08
08 47	26.755	43.6	39.2	69	10															5					08-09
09 48	26.770	47.2	41.0	60	10	10	CS	250												4	2	.040			09-10
10 47	26.750	53.3	44.6	51	10															6					10-11
11 46	26.720	62.0	48.0	35	10															5					11-12
12 48	26.690	62.3	48.8	37	8	8	CS	250												3	7	.080			12-13
13 46	26.685	61.0	47.8	37	8															3					13-14
14 45	26.680	60.0	46.8	36	7															3					14-15
15 48	26.690	60.4	46.7	35	10	10	CI	220												3	5	.000			15-16
16 48	26.710	55.5	44.7	42	10															2					16-17
17 47	26.710	47.8	41.6	60	10															1					17-18
18 51	26.730	44.6	40.0	68	2	2	CI	220												0	2	.040			18-19
19 53	26.745	41.7	38.0	73	0															0					19-20
20 53	26.750	43.5	38.7	66	0															0					20-21
21 51	26.770	39.8	36.8	77	0															0	3	.040			21-22
22 48	26.780	40.1	36.9	75	0															0					22-23
23 46	26.770	40.0	36.9	76	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 0343		0	0		43	36										
	0343	1	0	0	0	46	36		0								
	0944	2	0	0	0	47	35		0								
	1543	3	0	0	0	63	47		0								
	2143	4	0	0	0	60	40		0								
	MID.		0	0	0	41	39										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0946	1547	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.700	26.770	26.680	26.770
BAROGRAPH 64	26.695	26.760	26.680	26.745
BAR. CORR. 65	+.005	+.010	+.010	+.025

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
63	35	0	0	0	12	SW	1438					9	5		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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 ± 1 Sec. 1652P ± 8 Sec. ± Sec.

SP=00
RS=00

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 NEVADA

DATE: 9 JAN 1984

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	0047	CLR	20			216	38	32	09	04		020	000	MR
SA	0145	CLR	20			224	41	32	10	06		022		MR
SA	0250	CLR	20			225	39	32	13	04		022		MR
SA	0350	CLR	20			231	48	30	06	12		025	217 37 RADAT 67110	SH
SA	0446	CLR	20			236	48	29	05	13		026		SH
SA	0546	CLR	20			242	46	28	05	12		026		SH
SA	0647	CLR	20			252	47	28	10	09		028	210 1001	SH
SA	0747	CLR	20			258	47	27	08	08		029		SH
SA	0848	CLR	20			258	50	27	05	11		031		SH
SA	0949	CLR	20			265	55	27	04	10		033	214 1001 37	SH
SA	1048	CLR	20			264	58	22	05	14		033		SH
SA	1146	CLR	20			256	60	23	03	11		031		SH
SA	1248	CLR	20			247	63	25	12	10		028	814	SH
SA	1345	CLR	20			241	64	21	08	09		027		SH
SA	1447	CLR	20			238	64	18	12	12		026		SH
SA	1549	CLR	20			229	62	19	10	10		025	210 1001 65 RADAT 28116	MR
SA	1649	CLR	20			236	58	21	09	07		026		MR
SA	1746	CLR	20			247	56	21	11	07		028		MR
SA	1847	CLR	20			254	54	21	05	08		031	317	MR
SA	1955	CLR	20			259	52	18	07	07		032		MR
SA	2046	CLR	20			263	49	23	03	09		033		MR
SA	2146	CLR	20			266	50	23	06	09		035	312 65	MR
SA	2245	CLR	20			266	50	24	09	06		035		MR
SA	2348	CLR	20			264	48	24	05	08		035		MR

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 $6RRR_{t_R}$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

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 NEVADA

DATE: 9 JAN 1984

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 47	26.770	38.3	35.7	79	0															0	0	.000			00-01
01 45	26.790	40.8	37.0	71	0															0					01-02
02 50	26.790	39.3	35.9	73	0															0					02-03
03 50	26.820	48.4	40.1	49	0															0	2	.050			03-04
04 46	26.825	47.7	39.5	49	0															0					04-05
05 46	26.830	46.2	38.4	49	0															0					05-06
06 47	26.850	47.0	38.8	47	0	0	CI	250												0	2	.030			06-07
07 47	26.860	47.4	38.7	45	0															0					07-08
08 48	26.870	50.0	40.0	41	0															0					08-09
09 49	26.890	55.0	42.4	33	0	0	CI	250												0	2	.040			09-10
10 48	26.890	58.0	42.7	25	0															0					10-11
11 46	26.870	60.4	44.0	24	0															0					11-12
12 48	26.850	62.8	45.6	23	0															0	8	.040			12-13
13 45	26.840	63.7	45.0	19	0															0					13-14
14 47	26.830	64.0	44.6	17	0															0					14-15
15 49	26.820	62.2	43.9	18	0	0	CI	250												0	7	.030			15-16
16 49	26.830	58.0	42.4	24	0															0					16-17
17 48	26.850	55.9	41.3	25	0															0					17-18
18 47	26.870	54.1	40.3	27	0															0	3	.050			18-19
19 53	26.880	52.3	38.7	25	0															0					19-20
20 46	26.890	49.4	38.4	34	0															0					20-21
21 46	26.905	49.6	38.6	35	0															0	3	.035			21-22
22 45	26.910	49.7	38.8	35	0															0					22-23
23 48	26.905	47.6	37.7	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 0345		0	0		48	37										
	0345	1	0	0	0	48	37		0								
	0944	2	0	0	0	55	46		0								
	1543	3	0	0	0	65	55		0								
	2143	4	0	0	0	62	48		0								
	MID.		0	0	0	50	47										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0946	1548	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.820	26.890	26.820	26.905
BAROGRAPH 64	26.800	26.880	26.835	26.890
BAR. CORR. 65	+.020	+.010	-.015	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
65	37	0	0	0	19	NE	0619					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: 0549P ⊗ 0 Sec./ 1750P ⊗ 0 Sec./ ± Sec.

SP=00

RS=00

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 NEVA..

DATE: 10 JAN 1984

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 (10's deg.) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0048	CLR	20			260	46	24	04	12		033	805	MR
SA	0147	CLR	20			259	46	23	05	11		033		MR
SA	0250	CLR	20			258	46	23	04	10		033		MR
SA	0347	CLR	20			260	43	25	07	07		033	000 42 RADAT 20119	SH
SA	0446	CLR	20			262	43	24	07	07		033		SH
SA	0547	CLR	20			269	40	25	05	05		034		SH
SA	0648	250 -BKN	20			276	38	24	32	02		035	307 1001	SH
SA	0749	250 -OVC	20			273	43	24	31	03		035		SH
SA	0849	250 -OVC	20			274	45	22	05	02		036		SH
SA	0950	250 -OVC	20			269	51	24	03	05		035	802 1007 37	SH
SA	1048	250 -OVC	20			261	54	24	16	07		033		SH
SA	1146	250 -OVC	20			253	56	22	14	07		031		SH
SA	1249	250 -OVC	20			242	57	26	14	11		027	222 1007	SH
SA	1346	250 -OVC	20			230	58	23	14	11		024		SH
SA	1445	150 SCT E250 OVC	20			215	57	20	11	15		019		SH
SA	1549	140 SCT E200 OVC	20			213	56	18	11	11		018	627 1032 60 RADAT 20120	MR
SA	1648	130 SCT 200 -OVC	20			210	53	16	12	04		017		MR
SA	1751	E130 BKN 200 OVC	20			216	46	19	30	06		017		MR
SA	1853	200 - BKN	20			204	46	19	10	03		013	817 1078	MR
SA	1949	200 - BKN	20			200	43	19	25	03		013		MR
SA	2047	200 - SCT	20			192	42	20	13	02		011		MR
SA	2150	CLR	20			193	39	21	10	04		011	507 1071 60	MR
SA	2249	CLR	20			197	36	22	03	03		012		MR
SA	2350	CLR	20			182	40	20	14	07		009		MR

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 (10-78) 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: 10 JAN 1984

To convert L.S.T. to GMT ADD 8 hrs. SUBTRACT hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	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 48	26.890	46.3	37.0	40	0															0	8	.015			00-01
01 47	26.895	45.7	36.6	41	0															0					01-02
02 50	26.890	45.5	36.3	40	0															0					02-03
03 47	26.890	43.1	35.6	48	0															0	0	.000			03-04
04 46	26.890	42.7	35.3	48	0															0					04-05
05 47	26.900	40.3	34.1	54	0															0					05-06
06 48	26.910	38.1	32.6	57	7	7	CI	250												1	3	.020			06-07
07 49	26.910	43.0	35.4	47	10															1					07-08
08 49	26.915	45.2	37.0	46	10															1					08-09
09 50	26.905	50.7	39.6	36	10	10	CS	250												1	8	.005			09-10
10 48	26.890	53.7	41.0	31	10															2					10-11
11 46	26.870	56.1	41.7	26	10															2					11-12
12 49	26.840	56.8	43.2	31	10	10	CS	250												3	7	.065			12-13
13 46	26.810	58.3	43.0	25	10															5					13-14
14 45	26.770	57.0	41.7	23	10															6					14-15
15 49	26.760	56.1	40.7	21	10	1	AC	140	9	CI	E200	10								6	6	.080			15-16
16 48	26.745	53.0	38.7	23	10															4					16-17
17 51	26.745	45.5	35.3	34	10															7					17-18
18 53	26.710	45.7	35.4	34	9	0	AC	140	9	CS	200	~~10~~ 9								2	8	.050			18-19
19 49	26.705	43.1	34.0	38	7															1					19-20
20 47	26.685	42.2	33.7	40	1															0					20-21
21 50	26.690	38.8	32.1	48	0	0	AC	140	0	CI	200	0								0	5	.020			21-22
22 49	26.700	36.3	30.9	55	0															0					22-23
23 50	26.675	40.1	32.7	43	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 0343	X	0	0	X	48	42	X	X						X		
	0343	1	0	0	0	50	42		0								
	0945	2	0	0	0	57	37		0								
	1543	3	0	0	0	60	51		0								
	2144	4	0	0	0	56	38		0								
	MID.	X	0	0	0	40	36	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0947	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.890	26.905	26.760	26.690
BAROGRAPH 64	26.880	26.905	26.760	26.675
BAR. CORR. 65	+.010	0	0	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
60	36	0	0	0	19	E	1438 ✓					10	6		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0950P ⊕ 0 Sec. / 1741P ⊕ 1 Sec. / ± Sec.

✓ LAST OF SEVERAL OCCURRENCES

SP = 00
RS = 00

MF1-10A (1-82)

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

STATION [illegible], DESERT ROCK NEVADA

DATE 11 JAN 1984

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

SURFACE WEATHER OBSERVATIONS

TYPE (11)	TIME (LST) (12)	SKY AND CEILING (Hundreds of Feet) (13)	VISIBILITY (Miles) SURFACE (14)	VISIBILITY (Miles) TOWER (14)	WEATHER AND OBSTRUCTIONS TO VISION (15)	SEA LEVEL PRESS. (Mbs.) (16)	TEMP. (°F) (17)	DEW PT. (°F) (18)	WIND DIRECTION (100-36) (19)	WIND SPEED (Kts.) (20)	WIND CHARACTER (21)	ALTIMETER SETTING (Ins.) (22)	REMARKS AND SUPPLEMENTAL CODED DATA (23)	OB. REMARKS (24)
SA	0048	CLR	20			182	36	19	24	04		009	807	MR
SA	0150	CLR	20			182	35	21	12	08		009		MR
SA	0250	CLR	20			185	34	21	11	02		009		MR
SA	0349	CLR	20			188	35	21	09	04		010	503 31 RADAT 51079	JD
SA	0448	CLR	20			200	32	23	09	04		012		JD
SA	0547	CLR	20			216	33	21	10	05		015	AC SE	JD
SA	0649	CLR	20			207	45	21	33	12	G19	015	117 1150	JD
SA	0747	CLR	20			218	46	24	02	14	G21	018		JD
SA	0847	CLR	20			227	47	26	03	12		021		JD
SA	0949	CLR	20			232	50	26	02	12	G19	022	220 1100 30	JD
SA	1050	CLR	20			231	53	19	01	21	G28	022		JD
SA	1148	35 SCT 250 -SCT	20			224	53	20	36	17	G24	021		JD
SA	1249	35 SCT 250 SCT	20			227	55	18	36	20	G28	021	503 1101	JD
SA	1350	CLR	20			227	55	16	01	12	G22	021		JD
SA	1450	CLR	20			224	54	15	02	14		019		JD
SA	1552	CLR	20			223	53	17	03	13		020	603 1001 56 RADAT 40069	HS
SA	1649	CLR	20			231	50	15	04	12		021		HS
SA	1751	CLR	20			239	48	15	03	13	G23	023		HS
SA	1850	CLR	20			235	46	19	04	14		023	110	HS
SA	1948	CLR	20			236	45	19	03	16		024		HS
SA	2048	CLR	20			241	44	20	04	10	G21	025		HS
SA	2150	CLR	20			249	41	23	05	15		027	314 56	HS
SA	2249	CLR	20			246	43	19	03	11	G22	027		HS
SA	2348	CLR	20			246	41	19	06	12		027		HS

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 $6RRR_{t_R}$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

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 NEVADA

DATE: 11 JAN 1984

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 46	26.610	34.4	30.3	50	0															0	8	.020			00-01
01 50	26.670	35.0	30.0	57	0															0					01-02
02 50	26.670	33.6	29.0	59	0															0					02-03
03 49	26.680	35.2	30.1	56	0															0	3	.010			03-04
04 48	26.700	32.4	29.1	68	0															0					04-05
05 47	26.730	32.9	28.8	62	0															0					05-06
06 49	26.730	44.8	35.4	38	0	0	Cu	40	0	Ac	70	0								0	1	.050			06-07
07 47	26.755	45.5	36.8	43	0															0					07-08
08 47	26.780	47.0	38.1	43	0															0					08-09
09 49	26.790	49.5	39.3	39	0	0	Cu	35												0	2	.060			09-10
10 50	26.790	52.7	39.2	26	0															0					10-11
11 48	26.780	53.4	39.9	27	2															1					11-12
12 49	26.780	54.7	40.0	23	1	1	Cu	35	0	Ci	250	1								1	5	.010			12-13
13 50	26.780	54.5	39.5	21	0															0					13-14
14 50	26.770	54.3	39.2	21	0															0					14-15
15 52	26.770	53.4	39.1	23	0	0	Ci	250												0	6	.010			15-16
16 49	26.780	50.2	37.1	24	0															0					16-17
17 51	26.800	48.2	36.0	26	0															0					17-18
18 50	26.800	45.6	35.4	34	0															0	1	.030			18-19
19 48	26.805	44.6	35.0	36	0															0					19-20
20 48	26.820	44.1	34.8	37	0															0					20-21
21 50	26.840	41.3	34.1	48	0															0	3	.040			21-22
22 49	26.840	43.0	34.1	38	0															0					22-23
23 48	26.840	41.4	33.2	41	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	40	31	X	X						X		
	0345	1	0	0	0	40	31		0								
	0945	2	0	0	0	50	30		0								
	1548	3	0	0	0	56	50		0								
	2146	4	0	0	0	53	41		0								
	MID.	X	0	0	0	43	41	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1551	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.680	26.790	26.770	26.840
BAROGRAPH 64	26.660	26.775	26.770	26.820
BAR. CORR. 65	+.020	+.015	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 UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
56	30	0	0	0	30	N	1054					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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: 0729P ± 0 Sec./ 1950P ± 0 Sec./ ± Sec.

SP=00
RS=00

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: 12 JAN 1984

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0049	CLR	20			241	40	19	05	14		026	805	HS
SA	0152	CLR	20			244	38	20	07	11		026		HS
SA	0245	CLR	20			245	37	21	06	12		026		HS
SA	0349	CLR	20			240	36	19	04	12		025	803 35 RADAT 47058	JD
SA	0450	250 - SCT	20			241	35	18	05	10		024		JD
SA	0549	250 - SCT	20			245	34	20	05	11		025		JD
SA	0648	250 - SCT	20			247	33	19	04	09		025	500 1008	JD
SA	0749	250 - BKN	20			244	36	17	04	10		024		JD
SA	0847	250 - BKN	20			243	39	18	03	12		024		JD
SA	0949	160 SCT E250 OVC	20			241	41	17	03	12		024	803 1058 33	JD
SA	1048	160 SCT E250 OVC	20			227	43	18	03	10		020		JD
SA	1147	160 SCT E250 OVC	20			218	45	18	02	07		017		JD
SA	1250	250 - OVC	20			201	47	17	05	03		013	732 1027	JD
SA	1347	160 SCT E250 OVC	20			194	48	15	12	09		011		JD
SA	1445	160 SCT 250 - OVC	20			184	48	15	12	07		007		JD
SA	1548	250 - OVC	20			182	47	16	13	08		007	620 1077 50 RADAT 38063	HS
SA	1647	250 - OVC	20			183	44	17	13	07		007		HS
SA	1750	E250 OVC	20			186	41	19	13	07		007		HS
SA	1847	E250 OVC	20			182	43	19	12	07		005	803 1007	HS
SA	1947	E250 OVC	20			181	42	20	11	07		005		HS
SA	2047	E250 OVC	20			176	40	20	00	00		004		HS
SA	2148	E250 OVC	20			174	38	23	34	04		003	807 1007 50	HS
SA	2248	E250 OVC	20			168	37	23	35	03		002		HS
SA	2348	E250 OVC	20			159	37	24	00	00		000		HS

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$_1$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: 12 JAN 1984

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.825	40.0	32.4	43	0															0	8	.015			00-01
01 52	26.830	37.5	31.1	49	0															0					01-02
02 45	26.830	36.8	31.0	53	0															0					02-03
03 49	26.815	36.3	30.0	48	0															0	8	.010			03-04
04 50	26.810	35.4	29.3	48	3															0					04-05
05 49	26.815	33.7	29.0	58	3															0					05-06
06 48	26.815	33.4	28.5	55	4	4	Cs	250												0	5	.000			06-07
07 49	26.810	35.8	29.4	46	9															0					07-08
08 47	26.810	39.1	31.4	42	6															0					08-09
09 49	26.805	40.6	32.1	38	10	1	Ac	160	9	Cs	E250	10								9	8	.010			09-10
10 48	26.775	43.0	33.8	36	10															10					10-11
11 47	26.750	44.9	34.8	34	10															9					11-12
12 50	26.710	46.6	35.6	31	10	0	Ac	160	10	Cs	250	10								2	7	.095			12-13
13 47	26.685	47.5	35.6	27	10															6					13-14
14 45	26.660	48.0	35.8	26	10															3					14-15
15 48	26.650	46.7	35.4	29	10	0	Ac	150	10	Cs	250	10								4	6	.060			15-16
16 47	26.650	44.4	34.3	33	10															4					16-17
17 50	26.650	41.1	33.0	41	10															6					17-18
18 47	26.640	43.1	34.0	37	10	10	Cs	E250												6	8	.010			18-19
19 47	26.640	42.2	33.8	41	10															6					19-20
20 47	26.630	40.3	32.7	44	10															6					20-21
21 48	26.620	37.7	32.1	55	10	10	Cs	E250												7	8	.020			21-22
22 48	26.610	37.0	31.7	57	10															7					22-23
23 48	26.590	36.6	31.6	59	10															8					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	41	35	X	X						X		
	0345	1	0	0	0	43	35		0								
	0945	2	0	0	0	43	33		0								
	1544	3	0	0	0	50	41		0								
	2144	4	0	0	0	47	37										
	MID.	X	0	0	0	38	37	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.815	26.805	26.650	26.620
BAROGRAPH 64	26.805	26.790	26.650	26.610
BAR. CORR. 65	+.010	+.015	±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 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
50	33	0	0	0	17	NE	0723					9	7		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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: 0513P ± 0 Sec./ 1950P ± 0 Sec./ ± Sec.

1250/1250

SP=00
RS=00

MF1-10A
(1-82)

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

STATION **WSMO, DESERT ROCK NEVADA**

DATE **13 JAN 1984**

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0049	E250 OVC	20			151	36	26	00	00		998	717 1007	HS
SA	0148	E250 OVC	20			148	34	26	00	00		997		HS
SA	0245	E250 OVC	20			139	35	27	07	04		994		HS
SA	0349	E150 OVC	20			136	36	25	36	03		993	714 102/ 33 RADAT 46058	JD
SA	0447	E150 OVC	20			133	36	24	09	02		992		JD
SA	0547	150 SCT 250-OVC	20			132	35	21	02	03		991		JD
SA	0648	E150 BKN	20			130	36	20	07	03		991	607 1050	JD
SA	0747	E140 BKN	20			128	35	21	36	03		990		JD
SA	0848	100 SCT E140 BKN	20			121	41	18	03	03		988		JD
SA	0948	100 SCT 140 SCT	20			118	43	16	09	02		987	610 1070 33	JD
SA	1048	CLR	20			108	47	15	12	04		985		JD
SA	1150	CLR	20			097	47	16	26	04		982	FEW AC	JD
SA	1249	100 SCT	20			081	49	17	18	04		978	830 1050	JD
SA	1347	90 SCT	20			074	49	16	23	08		975		JD
SA	1450	100 SCT 140 SCT	20			074	49	17	20	08		975		JD
SA	1550	E80 BKN	20			070	49	18	23	10		974	610 120050 RADAT 44053	HS
SA	1647	E80 BKN	20			070	48	21	25	06		974		HS
SA	1747	14 SCT E80 OVC	20			072	45	27	15	04		974		HS
SA	1848	14 SCT E80 OVC	20			072	45	30	19	04		974	400 12~~00~~//	HS
SP	1909	M14 BKN ~~E~~80 OVC	20						12	10		974		HS
SA	1948	M14 BKN 80 OVC	20		RW-	079	44	27	10	08		977	RB46 PCPN VRY LGT	HS
SA	2048	M14 BKN 80 OVC	10		RW-	092	38	36	13	08		980		HS
SA	2151	E15 BKN 80 OVC	10			097	36	35	10	11		981	RE45 12002 ~~1200~~ 12// 50	HS
SP	2218	15 SCT E80 BKN	20						12	12		981		HS
SA	2245	15 SCT E80 BKN	20			091	35	34	12	08		980		HS
SA	2347	15 SCT 60 SCT	20			091	35	33	14	04		981		HS

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 $1s_n$TTT $2s_n T_d T_d T_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW_1W_2 $8N_hC_LC_MC_H$

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: 13 JAN 1984

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00	49	26.570	36.1	32.2	67	10	10	Cs	E250											9	7	.050			00-01
01	48	26.560	34.4	31.2	71	10														10					01-02
02	45	26.540	35.1	31.6	70	10														10					02-03
03	49	26.530	35.5	31.5	66	10	10	As	E150											10	7	.040			03-04
04	47	26.520	35.6	31.2	63	10														10					04-05
05	47	26.510	34.9	29.9	57	10														4					05-06
06	48	26.510	35.6	30.0	53	9	9	Ac	E150											9	6	.020			06-07
07	47	26.500	35.4	30.1	55	9														8					07-08
08	48	26.490	40.6	32.3	39	9														8					08-09
09	45	26.480	42.6	33.1	34	1	1	Ac	100	0	Ac	140	1							1	6	.030			09-10
10	48	26.460	47.0	35.4	28	0														0					10-11
11	50	26.430	47.3	35.6	28	0														0					11-12
12	49	26.390	48.5	36.5	28	1	1	Ac	100											1	8	.090			12-13
13	47	26.370	48.7	36.5	27	1														1					13-14
14	50	26.370	48.6	36.5	28	1														1					14-15
15	50	26.360	48.8	37.0	29	6	6	Cu	E80											6	6	.030			15-16
16	47	26.360	48.0	37.3	34	8														8					16-17
17	47	26.360	45.0	37.4	49	10														10					17-18
18	48	26.360	44.7	38.1	55	10	5	CuFra	14	5	Cu	E80	10							10	4	.000			18-19
19	48	26.380	44.3	36.9	50	10														10					19-20
20	48	26.410	38.0	37.0	91	10														10					20-21
21	51	26.420	35.8	35.0	93	10	6	CuFra	E15	4	Cu	80	10							10	1	.060			21-22
22	45	26.410	35.4	34.6	93	9														9					22-23
23	47	26.415	35.0	34.1	92	3														3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345		0	0		37	33										
	0345	1	0	0	0	38	33		0								
	0944	2	0	0	0	43	33		0								
	1546	3	0	0	0	50	43		0								
	2147	4	.02	0	0	49	35		1								
	MID.		0	0	0	36	34										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0947	1549	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.530	26.480	26.360	26.420
BAROGRAPH 64	26.510	26.480	26.370	26.410
BAR. CORR. 65	+.020	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 UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
50	33	.02	0	0	18	W	1957					4	7		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1946	2145			

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: 0416P ±0 Sec./ 1950P ±0 Sec./ ± Sec.

1909/1909 2151P/12//2358P

1848P/12//1957P

* Barograph changed 1010P 0 Corr.

SP=02

RS=00

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

STATION **WSMO, DESERT ROCK NEVADA**

DATE 14 JAN 1984

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (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 (15)
SA	0046	50 SCT	20			093	33	33	05	07		981	500 1400	HS
SA	0147	CLR	20			093	32	31	33	05		981		HS
SA	0247	CLR	20			098	31	30	03	06		982		HS
SA	0349	CLR	20			104	31	28	35	02		983	307 30 20002	/
													RADAT 95L033042	JD
SA	0448	CLR	20			110	29	27	00	00		985		JD
SA	0548	CLR	20			117	31	28	00	00		986		JD
SA	0648	CLR	20			134	28	25	00	00		991	224 1500	JD
SA	0748	CLR	20			141	29	27	14	03		993		JD
SA	0849	CLR	20			154	34	29	09	02		996		JD
SA	0948	CLR	20			157	38	29	31	02		997	120 1500 27	JD
SA	1049	CLR	20			162	42	26	24	09		999		JD
SA	1148	CLR	20			156	43	24	24	10		998	SC ALQDS	JD
SA	1247	30 SCT	20			158	44	25	26	09		998	1603 1500	JD
SA	1348	CLR	20			160	45	23	24	08		999	SC ALQDS CI NW	JD
SA	1450	CLR	20			167	45	22	25	07		001		JD
SA	1549	CLR	20			162	46	24	27	09		000	003 1500 46 RADAT56053	HS
SA	1650	CLR	20			176	44	21	29	06		003		HS
SA	1749	CLR	20			187	37	26	36	05		005		HS
SA	1849	CLR	20			199	34	28	11	04		008	224	HS
SA	1947	CLR	20			206	33	27	00	00		010		HS
SA	2048	CLR	20			202	34	25	11	08		010		HS
SA	2148	CLR	20			212	30	24	07	06		013	315 1001 46	HS
SA	2249	CLR	20			216	31	25	05	07		015		HS
SA	2348	CLR	20			216	33	26	06	10		015		HS

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 $1s_n$TTT $2s_n T_d T_d T_d$ $3P_o P_o P_o P_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_h C_L C_M C_H$

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: 14 JAN 1984

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 46	26.420	33.4	33.0	98	2	2	SC	50												2	5	.000			00-01
01 47	26.420	32.3	31.9	96	0															0					01-02
02 47	26.430	30.9	30.4	95	0															0					02-03
03 49	26.440	30.6	29.6	89	0															0	3	.020			03-04
04 48	26.455	29.3	28.7	92	0															0					04-05
05 48	26.470	30.8	29.7	88	0															0					05-06
06 48	26.510	28.2	27.4	89	0	0	SC	40												0	2	.070			06-07
07 48	26.530	29.1	28.5	92	0															0					07-08
08 49	26.560	33.6	31.8	83	0															0					08-09
09 48	26.570	38.2	34.5	70	0	0	SC	30												0	1	.060			09-10
10 49	26.590	42.1	35.5	53	0															0					10-11
11 48	26.575	43.1	35.3	46	0															0					11-12
12 47	26.580	44.3	36.4	46	1	1	SC	30												1	6	.010			12-13
13 48	26.585	44.7	36.1	43	0															0					13-14
14 50	26.600	45.2	36.1	40	0															0					14-15
15 49	26.590	46.0	37.0	42	0	0	SC	30												0	0	.010			15-16
16 50	26.620	44.0	35.0	39	0															0					16-17
17 49	26.640	36.9	32.6	49	0															0					17-18
18 49	26.660	34.0	31.6	79	0															0	2	.070			18-19
19 47	26.680	33.4	31.0	78	0															0					19-20
20 48	26.680	34.0	30.7	71	0															0					20-21
21 48	26.705	30.0	28.1	79	0	0	CI	250												0	3	.045			21-22
22 49	26.725	31.2	29.1	79	0															0					22-23
23 48	26.730	33.2	30.3	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 0345	X	0	0	X	35	30	X	X						X		
	0345	1	0	0	0	36	30		1								
	0945	2	0	0	0	38	27		1								
	1545	3	0	0	0	46	38		0								
	2144	4	0	0	0	46	30		0								
	MID.	X	0	0	0	33	30	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0947	1548	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.440	26.570	26.590	26.705
BAROGRAPH 64	26.430	26.570	26.605	26.690
BAR. CORR. 65	+.010	0	-.015	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
46	27	0	0	0	17	SW	1120					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: 0528 P ± 0 Sec./ 1950P ± 0 Sec./ ± Sec.

1247P/103/1450P

SP=00

RS=00

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 NEVADA**

DATE: 15 JAN 1984

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 (Hgs.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0047	250 - SCT	20			214	30	25	01	03		014	005 1001	HS
SA	0148	250 - SCT	20			226	30	24	03	06		017		HS
SA	0247	250 SCT	20			227	33	22	04	05		018		HS
SA	0347	CLR	20			230	33	22	02	07		020	117 100130 RADAT 66048	HS
SA	0451	CLR	20			230	33	22	04	11		020		JC
SA	0554	CLR	20			244	32	18	04	10		022		JC
SA	0651	250 SCT	20			248	34	17	04	14		023	310 1021	JC
SA	0752	250 - BKN	20			258	33	19	11	05		025		JC
SA	0854	120 SCT 250 - BKN	20			254	36	22	07	09		025		JC
SA	0953	120 SCT 250 - BKN	20			254	41	25	03	06		025	102 1021 30	JC
SA	1052	120 SCT 250 - BKN	20			249	43	23	07	06		024		JC
SA	1151	250 - BKN	20			240	42	24	13	06		022		JC
SA	1250	250 - SCT	20			224	46	23	12	09		017	824 1021	JC
SA	1349	CLR	20			220	47	23	12	08		016		JC
SA	1450	CLR	20			213	48	21	14	11		015		JC
SA	1546	CLR	20			207	47	18	14	10		013	614 1001 48 RADAT 30061	JK
SA	1645	250 - BKN	20			212	44	20	13	10		014		JK
SA	1747	250 - SCT	20			226	41	20	11	10		017		JK
SA	1847	CLR	20			226	39	20	11	10		017	314 1001	JK
SA	1948	CLR	20			227	38	19	02	08		017	CI N	JK
SA	2045	CLR	20			230	37	20	05	08		018		JK
SA	2148	CLR	20			227	35	20	06	09		017	000 1001 48	JK
SA	2245	CLR	20			223	34	20	06	08		017		JK
SA	2345	CLR	20			223	35	19	04	08		017		JK

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: 15 JAN 1984

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 47	26.720	29.8	28.1	81	1	1	Ci	250												0	0	.015			00-01
01 48	26.750	29.6	27.8	80	2															1					01-02
02 47	26.760	32.8	29.0	65	3															2					02-03
03 47	26.770	32.5	28.9	66	0	0	Ci	250												0	1	.050			03-04
04 51	26.770	33.1	29.0	62	0															0					04-05
05 54	26.790	32.2	27.6	56	0															0					05-06
06 51	26.800	33.9	28.3	50	1	0	Ac	120	1	Ci	250	1								1	3	.030			06-07
07 52	26.820	32.8	28.0	55	6															2					07-08
08 54	26.820	35.8	30.6	56	7															3					08-09
09 53	26.820	40.7	34.4	53	7	3	Ac	120	4	Ci	250	7								3	1	.020			09-10
10 52	26.810	42.6	34.9	46	8															3					10-11
11 51	26.790	42.4	33.0	48	7															2					11-12
12 50	26.750	46.4	37.0	40	3	0	Ac	120	3	Ci	250	3								1	8	.020			12-13
13 49	26.740	46.8	37.0	38	0															0					13-14
14 50	26.730	47.7	37.2	35	0															0					14-15
15 46	26.710	47.0	36.0	31	0	0	Ci	250												0	6	.040			15-16
16 45	26.720	44.2	34.8	37	6															1					16-17
17 47	26.750	41.0	33.0	42	1															0					17-18
18 47	26.750	39.0	32.0	47	0	0	Ci	250												0	3	.040			18-19
19 48	26.750	37.9	31.1	47	0															0					19-20
20 45	26.760	36.9	30.7	50	0															0					20-21
21 48	26.750	34.7	29.5	55	0	0	Ci	250												0	0	.000			21-22
22 45	26.750	34.1	29.1	56	0															0					22-23
23 45	26.750	34.8	29.2	52	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343		0	0		33	30										
	0343	1	0	0	0	33	30		0								
	0950	2	0	0	0	41	30		0								
	1544	3	0	0	0	48	41		0								
	2143	*	0	0	0	47	34		0								
	MID.		0	0	0	35	34										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0951	1545	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.770	26.820	26.710	26.750
BAROGRAPH 64	26.750	26.813	26.730	26.730
BAR. CORR. 65	+.020	+.007	-.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 UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER TOP 75	FROZEN GROUND LAYER BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
48	30	0	0	0	17	NE	0624					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: 0840P ± 0 Sec./ 1800P ± 0 Sec./ ± Sec.

SP = 00
RS = 00

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: 1984 JAN 16
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	0045	CLR	20			222	36	20	05	09		017	400 1001	JK
SA	0148	E 250 BKN	20			218	32	20	05	06		016		JK
SA	0250	E 250 BKN	20			214	34	19	05	10		015		JK
SA	0353	E250 OVC	20			204	36	19	04	09		013	814 1006 32 RADAT 52056	JC
SA	0451	E200 OVC	20			203	35	22	04	10		012		JC
SA	0554	E200 OVC	20			202	34	19	04	09		011		JC
SA	0649	E160 OVC	20			203	35	16	05	13		011	607 1071	JC
SA	0752	E140 OVC	20			201	37	19	03	10		011		JC
SA	0849	E120 OVC	20			203	37	19	01	07		011		JC
SA	0953	E120 OVC	20			206	39	18	03	11		010	303 1071 32	JC
SA	1051	E120 BKN 200 OVC	20			194	42	23	12	05		009		JC
SA	1150	120 SCT 200 - BKN	20			176	44	24	03	03		004		JC
SA	1251	200 - BKN	20			163	46	19	11	05		001	734 1071	JC
SA	1348	120 SCT 200 - SCT	20			158	46	18	12	09		999		JC
SA	1450	250 - SCT	20			148	46	16	12	10		997		JC
SA	1547	CLR	20			143	47	16	13	07		996	617 1001 47 RHAT 45059	JK
SA	1648	CLR	20			147	44	18	13	07		996		JK
SA	1748	CLR	20			154	38	19	10	08		997		JK
SA	1845	CLR	20			154	35	21	24	04		997	103	JK
SA	1945	CLR	20			157	33	18	36	03		997		JK
SA	2045	CLR	20			154	33	18	02	07		997		JK
SA	2147	CLR	20			164	30	21	19	02		999	307 47	JK
SA	2246	CLR	20			166	29	19	34	03		000		JK
SA	2348	CLR	20			166	29	20	09	04		000		JK

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, NV

DATE: 1984 JAN 16

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 45	26.750	36.0	30.2	52	0	0	CI	250												0	4	.000			00-01
01 48	26.740	32.2	28.0	60	6															4					01-02
02 50	26.730	34.1	29.0	56	8															6					02-03
03 53	26.710	36.2	30.1	50	10	10	CI	E250												9	8	.040			03-04
04 51	26.700	34.6	29.7	59	10															10					04-05
05 54	26.690	33.8	28.6	53	10															10					05-06
06 49	26.690	34.8	28.6	46	10	10	AC	E160												10	6	.020			06-07
07 52	26.690	36.7	30.4	49	10															10					07-08
08 49	26.690	32.2	30.6	47	10															10					08-09
09 53	26.700	38.4	31.1	43	10	10	AC	E120												10	3	.010			09-10
10 51	26.670	41.6	34.2	47	10															9					10-11
11 50	26.630	44.4	36.0	44	7															2					11-12
12 51	26.600	45.9	35.6	34	7	0	AC	120	7	CI	200	7								3	7	.100			12-13
13 48	26.580	45.8	35.2	32	5															2					13-14
14 50	26.560	46.3	35.2	30	1															0					14-15
15 47	26.550	47.0	35.6	29	0	0	CI	250												0	6	.050			15-16
16 48	26.550	43.7	34.0	35	0															0					16-17
17 48	26.560	38.3	31.2	45	0															0					17-18
18 45	26.560	35.4	30.1	55	0															0	1	.010			18-19
19 45	26.560	33.1	28.1	54	0															0					19-20
20 45	26.560	33.1	28.1	54	0															0					20-21
21 47	26.580	30.0	27.0	68	0															0	3	.020			21-22
22 46	26.590	29.1	25.9	66	0															0					22-23
23 48	26.590	28.6	26.0	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 0350	X	0	0	X	36	32	X	X						X		
	0350	1	0	0	0	36	32		0								
	0950	2	0	0	0	39	32		0								
	1543	3	0	0	0	47	39		0								
	2144	4	0	0	0	47	30		0								
	MID.	X	0	0	0	30	29	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1544	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.710	26.700	26.550	26.580
BAROGRAPH 64	26.710	26.685	26.550	26.580
BAR. CORR. 65	±0	+.015	±.0	±.0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
47	29	0	0	0	14	NE	0927					6	5		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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: 0834P ±0 Sec./ 1910P ±0 Sec./ ± Sec.

SP=00
RS=00

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: 1984 JAN 17

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	0047	CLR	20			165	31	18	30	03		001	307	JK
SA	0148	CLR	20			165	32	22	01	04		001		JK
SA	0245	CLR	20			165	31	22	03	06		001		JK
SA	0353	CLR	20			164	33	19	06	06		001	400 29 RADAT 58034046	JC
/														/
SA	0451	CLR	20			173	28	17	35	08		002		JC
SA	0550	CLR	20			180	27	19	16	05		003		JC
SA	0651	CLR	20			194	28	19	06	04		007	312	JC
SA	0752	CLR	20			204	34	19	02	11		010		JC
SA	0851	CLR	20			202	36	19	02	10		010		JC
SA	0953	CLR	20			212	39	21	05	16	G24	013	220 28	JC
SA	1054	CLR	20			216	41	17	04	18	G25	014		JC
SA	1153	CLR	20			211	43	13	05	11		013		JC
SA	1251	CLR	20			202	44	8	05	08		011	807	JC
SA	1348	CLR	20			198	45	10	04	08		010		JC
SA	1450	CLR	20			198	45	9	02	07		010		JC
SA	1549	CLR	20			196	45	8	07	09		010	603 1001 45 RADAT 32052	JK
SA	1648	CLR	20			200	43	10	08	03		010		JK
SA	1745	CLR	20			212	39	11	36	03		012		JK
SA	1849	CLR	20			222	34	11	16	03		014	314	JK
SA	1948	CLR	20			219	36	10	04	10		015		JK
SA	2045	CLR	20			227	34	12	05	13		017		JK
SA	2146	CLR	20			238	34	11	08	10		021	320 45	JK
SA	2252	CLR	20			246	31	12	03	09		023		JK
SA	2345	CLR	20			249	30	14	11	05		024		JK

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 (10-78) 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: 1984 JAN 17

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	47	26.600	31.2	27.0	59	0														0	3	.020			00-01
01	48	26.600	31.5	28.2	67	0														0					01-02
02	45	26.600	31.2	28.0	68	0														0					02-03
03	53	26.600	32.6	28.0	57	0														0	4	.000			03-04
04	51	26.610	28.4	25.0	62	0														0					04-05
05	50	26.620	28.7	25.6	66	0														0					05-06
06	51	26.650	28.2	25.3	62	0														0	3	.050			06-07
07	52	26.680	33.6	28.2	55	0														0					07-08
08	51	26.680	36.3	30.1	49	0														0					08-09
09	53	26.710	39.2	32.3	47	0														0	2	.060			09-10
10	54	26.720	40.7	32.1	38	0														0					10-11
11	53	26.710	42.7	32.4	29	0														0					11-12
12	51	26.690	43.6	32.0	22	0														0	8	.020			12-13
13	48	26.680	44.6	33.0	24	0														0					13-14
14	50	26.680	44.7	32.9	23	0														0					14-15
15	49	26.680	45.2	33.0	22	0	0	CI	250											0	6	.010			15-16
16	48	26.680	43.1	32.0	26	0														0					16-17
17	45	26.700	38.7	29.7	32	0														0					17-18
18	49	26.720	33.8	26.8	38	0														0	3	.040			18-19
19	48	26.730	36.2	28.1	34	0														0					19-20
20	45	26.750	34.3	27.4	40	0														0					20-21
21	46	26.780	34.0	27.0	38	0														0	3	.060			21-22
22	52	26.800	31.4	25.6	44	0														0					22-23
23	45	26.810	30.1	25.2	50	0														0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349		0	0		33	29										
	0349	1	0	0	0	33	29		0								
	0948	2	0	0	0	39	28		0								
	1545	3	0	0	0	45	39		0								
	2144	4	0	0	0	45	34		0								
	MID.		0	0	0	34	30										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0950	1546	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.600	26.710	26.680	26.780
BAROGRAPH 64	26.600	26.710	26.690	26.780
BAR. CORR. 65	± 0	± 0	-.010	± 0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
45	28	0	0	0	26	NE	0925					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. | ON FASTEST MILE M.P.H. | ASSOCIATED DIRECTION | TIME

TIME CHECK-CLOCK AT: 0655P ± 0 Sec./ 1815P ± 0 Sec./ ± Sec.

SP=00
RS=00

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: 1984 JAN 18

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)	OB. INSPECTOR'S INITIALS (15)
SA	0045	CLR	20			252	31	10	04	10		025	314	JK
SA	0145	CLR	20			259	30	9	04	10		027		JK
SA	0245	CLR	20			264	29	9	05	13		028		JK
SA	0353	CLR	20			258	28	9	03	09		025	000 28 RADAT ZERO	JC
SA	0454	CLR	20			262	26	7	05	10		027	FLW CIW	JC
SA	0548	250-SCT	20			273	26	10	04	10		030		JC
SA	0653	250-SCT	20			286	25	8	13	07		032	220 1001	JC
SA	0751	160 SCT 250-BKN	20			283	26	11	00	00		032		JC
SA	0854	160 SCT 250-OVC	20			288	31	12	03	07		034		JC
SA	0953	160 SCT 250-OVC	20			281	36	20	07	06		033	003 1071 25	JC
SA	1052	160 SCT 250-OVC	20			278	38	23	13	10		032		JC
SA	1151	160 SCT E250 OVC	20			266	39	21	14	12		028		JC
SA	1253	160 SCT E250 OVC	20			259	38	21	13	13		026	820 1072	JC
SA	1349	160 SCT E250 OVC	20			251	39	21	13	14		024		JC
SA	1450	250-OVC	20			250	41	16	11	12		024		JC
SA	1549	250-BKN	20			250	40	18	12	13		024	FEW AC / 608 1031 41	SEA
/	/											/	RADAT 30047	/
SA	1652	250-BKN	20			252	36	7	13	10		024		SEA
SA	1750	250-OVC	20			257	35	7	12	09		025		SEA
SA	1849	E250 OVC	20			263	33	13	10	07		026	OVC PTLY THN / 305 1007	SEA
SA	1947	120 SCT E250 OVC	20			262	33	10	10	08		026	MOON DIMLY VISIBL	SEA
SA	2048	E250 OVC	20			257	32	13	34	03		025	OVC PTLY THN HALO FEW AC	SEA
SA	2152	250-SCT	20			261	29	12	01	04		026	302 1001	SEA
SA	2247	250-OVC	20			258	28	10	02	04		026	HALO	SEA
SA	2348	250-OVC	20			257	28	10	02	04		026	HALO	SEA

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, NY

DATE: 1984 JAN 18

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 45	26.820	31.0	25.0	42	0															0	3	.040			00-01
01 47	26.840	30.0	24.1	41	0															0					01-02
02 45	26.850	29.1	23.6	43	0															0					02-03
03 53	26.820	28.2	23.0	44	0															0	0	.000			03-04
04 54	26.840	26.1	22.2	43	0															0					04-05
05 48	26.860	26.0	21.7	49	1															0					05-06
06 53	26.880	24.6	20.5	49	3	3	Ci	250												0	2	.060			06-07
07 51	26.880	25.9	22.0	53	8															2					07-08
08 54	26.900	30.6	25.2	46	10															4					08-09
09 53	26.890	35.6	30.0	53	10	2	Ac	160	10	Ci	250	10								4	0	.010			09-10
10 52	26.880	37.6	31.9	55	10															3					10-11
11 51	26.850	38.8	32.0	48	10															2					11-12
12 53	26.830	38.4	31.9	50	10	5	Ac	160	5	Ci	250	10								9	8	.060			12-13
13 49	26.810	38.2	32.0	49	10															8					13-14
14 50	26.810	40.2	31.9	37	10															3					14-15
15 49	26.805	40.0	32.0	41	9	0	Ac	170	9	Ci	250	9								2	6	.025			15-16
16 52	26.800	36.4	27.6	29	9															4					16-17
17 50	26.810	35.1	26.8	30	10															4					17-18
18 49	26.820	33.5	27.0	43	10	10	Cs	250												8	3	.015			18-19
19 47	26.820	33.4	26.4	37	10															9					19-20
20 48	26.810	32.3	26.3	44	10															6					20-21
21 52	26.825	28.6	23.8	49	5	5	Ci	250												2	3	.005			21-22
22 47	26.820	28.0	23.0	46	10															1					22-23
23 48	26.820	28.0	23.0	46	10															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	31	28	X	X						X		
	0350	1	0	0	0	34	28		0								
	0948	2	0	0	0	36	25		0								
	1545	3	0	0	0	41	36		0								
	2147	4	0	0	0	40	28		0								
	MID.	X	0	0	0	29	28	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1548	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.820	26.890	26.825	26.825
BAROGRAPH 64	26.830	26.900	26.820	26.830
BAR. CORR. 65	-.010	-.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
41	25	0	0	0	16	E	1248					9	7		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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: 0550P ±0 Sec./ 2050P ±0 Sec./ ± Sec.

SP=00
RS=00

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 NEVADA

DATE: 19 JAN 1984

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0049	250-OVC	20			253	28	11	00	00		025	HALO/ 805 1007	SEA
SA	0149	250-OVC	20			250	27	11	36	03		024	HALO	SEA
SA	0250	250-OVC	20			247	28	9	02	03		024	HALO	SEA
SA	0350	250-OVC	20			248	28	11	10	05		024	603 100727 RADAT ZERO	EP
SA	0449	250-OVC	20			245	26	13	29	03		021		EP
SA	0550	250-SCT	20			246	25	11	32	05		021		EP
SA	0650	250-SCT	20			246	23	14	06	04		019	810 1008	EP
SA	0753	CLR	20			244	26	14	02	05		019		EP
SA	0851	CLR	20			242	35	11	16	05		021		EP
SA	0947	CLR	20			242	39	12	00	00		021	103 23	EP
SA	1047	CLR	20			231	42	11	27	03		018		EP
SA	1146	CLR	20			218	46	7	23	05		015		EP
SA	1250	CLR	20			206	46	8	23	08		012	827 1100	EP
SA	1346	CLR	20			197	49	9	20	05		010		EP
SA	1450	CLR	20			192	50	8	23	06		008		EP
SA	1551	CLR	20			~~205~~ 197	48	7	23	07		010	FEW AC N/ 507 1070 51	~~SEA~~
/	/											/	RADAT 40079	/
SA	1649	CLR	20			205	45	6	22	02		011	FEW AC NW-NE	SEA
SA	1751	CLR	20			210	37	13	06	02		011	FEW AC	SEA
SA	1850	CLR	20			222	35	13	05	03		014	FEW AC/ 510 1030	SEA
SA	1949	CLR	20			233	32	13	07	02		017	FEW AC	SEA
SA	2049	CLR	20			233	33	11	29	04		019	FEW AC	SEA
SA	2150	CLR	20			235	38	11	06	05		021	224 51	SEA
SA	2246	CLR	20			237	40	16	06	11		023		SEA
SA	2350	CLR	20			240	39	20	06	13		024		SEA

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 (10-78) 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: 19 JAN 1984

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 49	26.810	24.0	23.9	47	10	10	CS	250												3	8	.015			00-01
01 49	26.800	27.2	22.8	50	10															4					01-02
02 50	26.800	28.1	22.9	44	10															3					02-03
03 50	26.800	28.2	23.5	49	10	10	CS	250												2	6	.010			03-04
04 49	26.780	25.5	22.1	58	10															2					04-05
05 50	26.780	25.1	21.5	55	3															0					05-06
06 50	26.770	23.0	20.2	68	1	1	CS	250												0	8	.030			06-07
07 53	26.770	26.0	22.7	60	0															0					07-08
08 51	26.780	35.0	27.5	36	0															0					08-09
09 47	26.780	38.6	29.9	34	0															0	1	.010			09-10
10 47	26.760	42.2	31.7	28	0															0					10-11
11 46	26.730	45.5	32.9	20	0															0					11-12
12 50	26.700	46.2	33.6	21	0	0	CU	80												0	8	.080			12-13
13 46	26.680	49.1	35.3	19	0															0					13-14
14 50	26.670	49.9	35.6	18	0															0					14-15
15 51	26.680	48.0	34.4	18	0	0	AC	90												0	5	.020			15-16
16 49	26.690	44.8	32.4	20	0															0					16-17
17 51	26.690	36.6	28.8	37	0															0					17-18
18 50	26.710	35.3	28.2	40	0	0	AC	90												0	3	.030			18-19
19 49	26.740	32.0	26.1	44	0															0					19-20
20 49	26.760	32.8	26.2	40	0															0					20-21
21 50	26.780	31.6	29.0	32	0															0	2	.070			21-22
22 46	26.795	40.2	31.6	37	0															0					22-23
23 50	26.805	39.0	32.0	46	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	X	0	0	X	29	27	X	X						X		
	0345	1	0	0	0	29	27		0								
	0944	2	0	0	0	39	23		0								
	1546	3	0	0	0	51	39		0								
	2145	4	0	0	0	48	31		0								
	MID.	X	0	0	0	41	38	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0945	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.800	26.780	26.660	26.780
BAROGRAPH 64	26.810	26.790	26.690	26.765
BAR. CORR. 65	-.010	-.010	-.010	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML. TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
51	23	0	0	0	17	NE	2232					0	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: 10.00P ±0 Sec./ 1832P ±0 Sec./ ± Sec.

1557 R 20/0005 1250P/1100/2359P

SP=00

RS=00

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 NEVADA

DATE: 20 JAN 1984

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. OBSERVER'S INITIALS (15)
SA	0047	CLR	20			245	39	20	04	14	G19	026	214	SEA
SA	0149	CLR	20			253	38	23	03	14	G17	029		SEA
SA	0251	CLR	20			258	37	22	03	14	G17	030		SEA
SA	0355	CLR	20			265	35	23	03	15		031	117 31 RADAT 51057	EP
SA	0445	CLR	20			276	33	18	06	10		033		EP
SA	0549	CLR	20			281	33	19	05	13		033		EP
SA	0648	CLR	20			287	32	19	04	13		034	310	EP
SA	0749	CLR	20			296	34	17	04	16	G20	036		EP
SA	0848	CLR	20			301	36	18	03	16		038		EP
SA	0950	CLR	20			301	39	20	02	14		040	117 31	EP
SA	1047	CLR	20			292	44	11	07	09		038		EP
SA	1147	CLR	20			275	46	13	11	11		034		EP
SA	1249	~~CLR~~ 250-SCT	20			258	48	9	12	13		029	830 1001	EP
SA	1346	250-BKN	20			255	48	11	12	14		028		EP
SA	1450	250-OVC	20			253	49	10	12	13		027		EP
SA	1548	250-BKN	20			255	47	10	09	12		028	607 1001 49 RADAT 26057	SEA
SA	1647	250-BKN	20			254	44	12	11	06		027		SEA
SA	1748	250-OVC	20			260	40	14	12	06		028		SEA
SA	1849	250-OVC	20			262	38	12	12	09		028	500 1007 (CLR 0346)	SEA
SA	1951	250-OVC	20			257	37	14	12	09		027		SEA
SA	2050	250-OVC	20			260	39	13	11	10		028		SEA
SA	2152	250-BKN	20			257	33	13	06	04		027	703 1001 49	SEA
SA	2250	250-BKN	20			252	29	17	10	02		026		SEA
SA	2352	250-OVC	20			248	29	13	04	05		025		SEA

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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 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: USMO, DESERT ROCK NEVADA

DATE: 20 JAN 1984

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 47	26.820	39.0	32.0	46	0															0	2	.040			00-01
01 49	26.845	37.8	32.0	54	0															0					01-02
02 51	26.860	36.9	31.3	55	0															0					02-03
03 55	26.870	35.0	30.6	62	0															0	1	.050			03-04
04 45	26.890	33.1	28.1	54	0															0					04-05
05 49	26.890	33.1	28.3	56	0															0					05-06
06 48	26.900	32.0	27.7	59	0															0	3	.030			06-07
07 49	26.920	33.5	28.0	50	0															0					07-08
08 48	26.940	36.2	29.9	48	0															0					08-09
09 50	26.950	38.8	31.7	46	0															0	1	.050			09-10
10 47	26.940	43.6	32.6	26	0															0					10-11
11 47	26.900	45.8	34.3	26	0															0					11-12
12 49	26.860	47.5	34.5	21	1	1	CI	250												0	8	.090			12-13
13 46	26.850	48.0	35.1	22	7															0					13-14
14 50	26.840	48.5	35.2	21	10															1					14-15
15 48	26.840	47.2	34.5	22	8	8	CI	250												1	6	.020			15-16
16 47	26.830	44.1	33.0	26	9															2					16-17
17 48	26.840	39.8	31.0	35	10															3					17-18
18 49	26.840	38.2	30.0	35	10	10	CS	250												4	5	.000			18-19
19 51	26.830	37.2	29.4	38	10															2					19-20
20 50	26.840	38.8	30.1	34	10															5					20-21
21 52	26.830	33.4	27.0	42	9	9	CI	250												2	7	.010			21-22
22 50	26.820	29.2	25.4	60	9															2					22-23
23 52	26.810	28.8	24.3	52	10															3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID TO 0350		0	0		39	35										
	0350	1	0	0	0	41	35		0								
	0946	2	0	0	0	39	32		0								
	1544	3	0	0	0	49	39		0								
	2146	4	0	0	0	47	33		0								
	MID		0	0	0	33	29										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0947	1547	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.870	26.950	26.840	26.830
BAROGRAPH 64	26.880	26.960	26.860	26.845
BAR. CORR. 65	-.010	-.010	-.020	-.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 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	29	0	0	0	20	NE	0751					4	4		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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: 0900P ±0 Sec./ 1732P ±0 Sec./ ± Sec.

1249P/1249P

✓LAST OF SEVERAL OCCURRANCES

SP=00

RS=00

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

MF1-10B (1-82)

☆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 NEVADA

DATE: 21 JAN 1984

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	0049	E250 OVC	20			240	31	15	11	02		023	OVC PTLY THN/ 712 1002	SEA
SA	0151	E250 OVC	20			237	30	15	34	05		022	OVC PTLY THN	SEA
SA	0250	250-OVC	20			229	31	15	09	03		020	8	SEA
SA	0352	E250 OVC	20			222	32	17	32	07		017	715 1007 29 RADAT 45L034061	EP
SA	0449	E 250 OVC	20			220	32	17	17	03		016		EP
SA	0546	E 250 OVC	20			221	33	18	34	05		016		EP
SA	0648	120 SCT E250 OVC	20			220	35	21	12	07		016	603 1017	EP
SA	0746	120 SCT E 250 OVC	20			220	36	18	04	05		016		EP
SA	0847	120 SCT E 200 OVC	20			215	39	17	29	06		015		EP
SA	0950	140 SCT E 200 ~~OVC~~ BKN	20			218	41	16	01	05		015	603 1038 29	EP
SA	1051	140 SCT E 200 BKN	20			214	44	18	11	07		014		EP
SA	1145	140 SCT E 200 OVC	20			199	46	13	10	05		010		EP
SA	1249	E140 BKN 200 OVC	20			185	47	11	23	03		006	827 1077	EP
SA	1346	E140 BKN 200 OVC	20			177	47	10	22	04		004		EP
SA	1450	E140 BKN 200 BKN	20			172	48	9	24	06		003		EP
SA	1551	E80 BKN 120 BKN	20			172	47	9	18	02		004	610 1070 +8 RADAT 30063	SEA
SA	1653	E80 OVC	20			178	46	7	22	04		005	8INOVC SW	SEA
SA	1749	E80 OVC	20			183	44	15	00	00		006	8INOVC SW	SEA
SA	1850	E75 OVC	20			188	43	15	14	03		008	214 1071	SEA
SA	1951	M45 BKN 90 BKN	20			188	42	26	25	02		008		SEA
SA	2049	45 SCT 80 SCT 250-BKN	20			192	39	21	04	02		009		SEA
SA	2150	80 SCT 250 SCT	20			197	36	19	02	09		010	FEW SC/307 1572 +8	SEA
SA	2249	80 SCT 250 SCT	20			200	35	22	03	08		011		SEA
SA	2350	CLR	20			195	35	26	03	09		011	FEW AC/CI	SEA

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 NEVADA

DATE: 21 JAN 1984

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.795	30.8	26.0	52	10	10	CI	E250												7	7	.035			00-01
01 51	26.785	29.9	25.4	54	10															6					01-02
02 50	26.770	31.0	26.0	51	10															5					02-03
03 52	26.750	31.5	26.8	54	10	10	CS	E250												8	8	.045			03-04
04 49	26.740	31.8	27.0	54	10															10					04-05
05 46	26.740	32.7	27.8	54	10															10					05-06
06 48	26.740	35.2	29.9	55	10	4	As	120	10	CS	E250	10								10	6	.010			06-07
07 46	26.740	35.5	29.5	49	10															10					07-08
08 47	26.730	38.8	31.0	41	10															10					08-09
09 50	26.730	40.8	32.0	36	9	3	Ac	140	9	CS	E200	9								8	6	.010			09-10
10 51	26.720	43.5	34.0	36	9															7					10-11
11 45	26.680	45.5	34.1	27	10															9					11-12
12 49	26.650	46.6	34.3	23	10	9	Ac	E140	2	CS	200	10								10	8	.080			12-13
13 46	26.630	47.2	34.5	22	10															9					13-14
14 50	26.620	47.8	34.6	20	9															8					14-15
15 51	26.620	47.2	34.3	21	9	7	AC	E80	3	AC	120	9								9	6	.030			15-16
16 53	26.635	46.0	33.3	20	10															10					16-17
17 49	26.645	43.5	33.4	31	10															10					17-18
18 50	26.660	43.1	33.0	31	10	10	AC	E75												10	2	.040			18-19
19 51	26.660	42.3	35.6	52	7															7					19-20
20 49	26.670	38.8	32.2	49	6															3					20-21
21 50	26.680	36.3	30.2	50	4	0	SC	45	2	AC	80	2	2	CI	250	4				3	3	.020			21-22
22 49	26.690	35.4	30.5	58	2															2					22-23
23 50	26.685	35.0	31.5	70	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347		0	0		32	29										
	0347	1	0	0	0	33	29		0								
	0944	2	0	0	0	41	31		0								
	1547	3	0	0	0	48	41		0								
	2145	*	0	0	0	47	36		0								
	MID.		0	0	0	37	34										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0945	1550	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.750	26.730	26.660	26.680
BAROGRAPH 64	26.760	26.730	26.665	26.670
BAR. CORR. 65	-.010	*0	+.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
48	29	0	0	0	12	NE	2153					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: 1100P ± 0 Sec./ 2212 PST ± 0 Sec./ ± Sec.

0950P/0950P 0358P/815/2358P

* BAROGRAPH CHANGED RESET TO 0

SP = 00

RS = 00

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

MF1-10B (1-82)

☆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

STATION: WSMO, DESERT ROCK NEVADA

DATE: 22 JAN 1984

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. METHOD (15)
SA	0048	CLR	20			195	35	26	03	09		011	FEW SC/CI / 002 1502	SEA
SA	0149	CLR	20			200	36	26	05	10		013	FEW SC OMTNS S	SEA
SA	0250	90 SCT	20			203	33	25	05	07		013	FEW CU OMTNS S	SEA
SA	0351	CLR	20			205	31	26	32	05		012	005 30 RADAT G4062	CRD
SA	0450	CLR	20			205	32	27	34	09		012		CRD
SA	0546	CLR	20			210	31	25	05	06		013		CRD
SA	0648	CLR	20			212	35	24	36	04		014	307	CRD
SA	0746	CLR	20			216	36	28	34	06		015		CRD
SA	0851	CLR	20			216	45	25	03	10		016		CRD
SA	0948	CLR	20			215	48	23	05	10		016	107 29	CRD
SA	1046	CLR	20			209	50	21	02	09		015		CRD
SA	1147	CLR	20			197	52	20	03	08		012		CRD
SA	1247	250 SCT	20			194	53	18	06	07		008	725 1005	CRD
SA	1346	250 SCT	20			171	54	19	03	06		004		CRD
SA	1453	E250 OVC	20			171	54	21	28	07		004	7	CRD
SA	1552	E250 OVC	20			170	53	22	22	08		003	715 1007 55	
													RADAT 99L 069083 089	008
SA	1650	E250 BKN	20			166	52	24	26	03		002		008
SA	1747	E250 BKN	20			177	47	24	02	03		004		008
SA	1846	E250 OVC	20			191	42	28	34	06		008	315 1007	008
SA	1952	E250 OVC	20			190	44	27	09	05		008		008
SA	2048	250 SCT	20			188	42	28	32	06		009		008
SA	2145	250 SCT	20			186	38	26	03	03		008	002 1008 55	008
SA	2249	250 SCT	20			197	43	33	02	10		013		008
SA	2345	250 SCT	20			200	38	32	05	07		013		008

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 NEVADA

DATE: 22 JAN 1984

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 48	26.685	34.8	31.3	69	0	0	SC	50	0	CI	250	0								0	0	.005			00-01
01 49	26.700	36.0	32.0	67	0															0					01-02
02 50	26.705	33.1	30.0	71	1															1					02-03
03 51	26.700	30.8	29.0	82	0															0	0	.015			03-04
04 50	26.700	31.8	29.8	81	0															0					04-05
05 46	26.710	30.9	28.5	77	0															0					05-06
06 48	26.720	35.2	31.0	64	0															0	3	.020			06-07
07 46	26.730	36.0	32.8	73	0															0					07-08
08 51	26.740	45.4	36.8	44	0															0					08-09
09 48	26.740	48.0	37.7	37	0															0	1	.020			09-10
10 46	26.725	50.3	38.5	31	0															0					10-11
11 47	26.695	51.8	39.0	28	0															0					11-12
12 47	26.665	53.2	39.2	24	1	1	CS	250												1	7	.075			12-13
13 46	26.630	54.2	40.0	25	3															2					13-14
14 53	26.630	53.6	40.2	28	10															8					14-15
15 52	26.620	52.9	40.0	29	10	10	CS	250												9	7	.045			15-16
16 50	26.610	51.8	40.0	33	8															6					16-17
17 47	26.630	46.5	37.3	41	9															9					17-18
18 46	26.665	42.0	36.2	58	10	10	CS	250												10	3	.045			18-19
19 52	26.670	44.1	37.0	51	10															10					19-20
20 48	26.675	42.4	36.4	57	5															4					20-21
21 45	26.670	38.4	33.4	60	2	2	CS	250												2	0	.005			21-22
22 49	26.710	42.8	38.2	67	2															2					22-23
23 45	26.710	37.9	35.2	78	2															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347	X	0	0	X	36	30	X	X						X		
	0347	1	0	0	0	37	30		0								
	0946	2	0	0	0	49	29		0								
	1548	3	0	0	0	55	48		0								
	2140	4	0	0	0	53	38		0								
	MID.	X	0	0	0	44	38	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0947	1551	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.700	26.740	26.670	26.670
BAROGRAPH 64	26.695	26.735	26.670	26.675
BAR. CORR. 65	+.005	+.005	±0	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Knots) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
55	29	0	0	0	16	NE	0730					2	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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: 0748P ±0 Sec./ 2003P ±0 Sec./ ± Sec.

1453P/1453P 1650P/1650P

SP = 00

RS = 00

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: 1984 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. (Mb.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (10's of Deg.) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SENSORS USED (15)
SA	0048	150 SCT 250 SCT	20			205	37	29	30	02		014	217 1038	CRD
SA	0146	150 SCT 250 SCT	20			207	37	26	35	05		015		CRD
SA	0247	150 SCT 250 SCT	20			209	39	26	03	08		016		CRD
SA	0345	~~150~~ 120 SCT 250 SCT	20			218	33	28	02	07		017	210 1038 32 RADAT 52069	CRD
SA	0447	250 SCT	20			218	33	26	05	07		017		CRD
SA	0546	250-BKN	20			228	34	25	36	07		019		CRD
SA	0647	250-OVC	20			236	33	24	05	09		021	310 1007	CRD
SA	0747	250-OVC	20			244	39	26	05	09		025		CRD
SA	0849	250-SCT	20			249	45	23	03	10		027		CRD
SA	0949	250-SCT	20			255	48	25	07	09		028	224 1008 31	CRD
SA	1047	250-SCT	20			248	50	24	06	08		027	SC SE	CRD
SA	1152	250-SCT	20			242	52	20	05	10		025	FEW SC	CRD
SA	1246	250-SCT	20			233	54	20	03	12		023	719 1108	CRD
SA	1348	250-SCT	20			228	55	21	04	12	G18	022		CRD
SA	1450	250-BKN	20			223	56	19	04	11		021		CRD
SA	1550	250-BKN	20			231	56	20	03	12	G17	022	502 1006 57 RADAT 37074	CRD
SA	1650	250-BKN	20			234	52	25	04	10		022		CRD
SA	1746	250-SCT	20			238	49	25	04	08		023		CRD
SA	1849	250-SCT	20			244	46	27	05	09		024	307 1008	CRD
SA	1950	CLR	20			250	46	27	05	08		026		CRD
SA	2050	CLR	20			257	44	25	02	10		028		CRD
SA	2147	CLR	20			255	41	26	01	09		028	114 57	CRD
SA	2249	CLR	20			253	41	24	05	10		028		CRD
SA	2346	CLR	20			250	43	23	06	09		028		CRD

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

STATION: WSMO, DESERT ROCK, NV

DATE: 1984 JAN 23

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

SURFACE WEATHER OBSERVATIONS

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.720	36.8	33.4	71	3	1	AC	150	2	CS	250	3								3	2	.050			00-01
01 46	26.730	36.7	32.5	65	3															3					01-02
02 47	26.740	39.4	34.1	59	2															2					02-03
03 45	26.750	33.2	31.0	80	2	1	AC	120	1	CS	250	2								2	2	.030			03-04
04 47	26.750	32.8	30.0	74	2															2					04-05
05 46	26.770	33.6	30.3	71	7															3					05-06
06 47	26.780	33.2	29.8	69	10	10	CS	250												3	3	.030			06-07
07 47	26.815	37.1	34.0	60	10															3					07-08
08 49	26.835	45.4	36.4	41	5															2					08-09
09 49	26.850	47.8	38.3	41	4	4	CS	250												1	2	.070			09-10
10 47	26.840	49.8	39.0	36	2															0					10-11
11 52	26.820	52.2	39.3	28	5															1					11-12
12 46	26.795	53.6	40.0	27	3	0	CU	80	3	CS	250	3								1	7	.055			12-13
13 48	26.785	55.0	40.9	26	3															0					13-14
14 50	26.780	56.2	41.0	23	8															0					14-15
15 50	26.790	55.8	41.0	24	8	8	CS	250												3	5	.005			15-16
16 50	26.790	52.0	40.3	34	8															2					16-17
17 46	26.800	48.9	38.8	39	3															1					17-18
18 49	26.810	46.4	38.0	46	2	2	CS	250												1	3	.020			18-19
19 50	26.830	46.3	38.1	47	0															0					19-20
20 50	26.850	44.2	36.3	47	0															0					20-21
21 47	26.850	41.1	35.1	55	0															0	1	.040			21-22
22 49	26.850	40.8	34.0	50	0															0					22-23
23 46	26.850	43.3	35.2	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 0340		0	0		39	32										
	0340	1	0	0	0	44	32		0								
	0946	2	0	0	0	49	31		0								
	1545	3	0	0	0	57	48		0								
	2142	4	0	0	0	56	39		0								
	MID.		0	0	0	43	38										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0946	1549	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.750	26.750	26.790	26.830
BAROGRAPH 64	26.740	26.740	26.785	26.845
BAR. CORR. 65	+.010	+.010	+.005	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER TOP 75	FROZEN GROUND LAYER BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
57	31	0	0	0	24	NE	1456					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: 0800P ± 0 Sec./ 2249P ± 0 Sec./ ± Sec.

0345P/0345P

SP=00
RS=00

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: 1984 JAN 24

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 (In-) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SENSORS MISSING (15)
SA	0050	CLR	20			249	43	24	35	10		028	400	008
SA	0151	CLR	20			248	42	25	36	12		028		008
SA	0245	250 - SCT	20			250	41	24	04	10		028		008
SA	0351	250 - SCT	20			246	41	27	04	10		028	802 1005 38 RADAT 60105	CRD
SA	0449	250 - SCT	20			248	40	28	01	10		027		CRD
SA	0547	250 - BKN	20			254	40	27	04	10		028		CRD
SA	0646	250 - BKN	20			262	41	29	05	13		031	308 1006	CRD
SA	0747	250 - OVC	20			269	46	30	31	08		033		CRD
SA	0847	250 - BKN	20			271	52	30	29	03		035	CU SE	CRD
SA	0948	250 - BKN	20			274	56	30	34	04		036	215 1008 38	CRD
SA	1048	250 - BKN	20			269	58	31	15	05		035	FEW SC	CRD
SA	1147	250 - BKN	20			253	63	29	35	03		031	FEW SC	CRD
SA	1245	250 - BKN	20			236	66	26	25	06		027	727 1508	CRD
SA	1351	E 250 BKN	20			233	65	28	04	06		025		CRD
SA	1450	E 250 BKN	20			228	67	32	05	08		024		CRD
SA	1550	E 250 BKN	20			236	65	32	02	14 G 19		026	502 1008 68 RADAT 57114	008
SA	1650	250 - BKN	20			235	62	33	04	12 G 18		025		008
SA	1749	250 SCT	20			244	59	33	06	12 G 17		027		008
SA	1848	250 SCT	20			244	57	34	35	09 G 14		027	203 1008	008
SA	1946	250 SCT	20			243	56	34	05	13 G 18		027		008
SA	2047	250 SCT	20			245	52	36	01	12		028		008
SA	2145	250 SCT	20			249	51	34	04	10 G 15		030	308 1008 68	008
SA	2245	250 SCT	20			250	49	34	05	06		031		008
SA	2345	250 SCT	20			249	50	33	04	12		031		008

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

FM12-VII: Iiii $i_R i_x$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: 1984 JAN 24

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.850	42.9	35.2	46	0															0	4	.000			00-01
01 51	26.850	42.2	35.1	50	0															0					01-02
02 45	26.850	40.9	34.1	50	2															1					02-03
03 51	26.845	41.2	35.2	56	1	4	CS	250												1	8	.005			03-04
04 49	26.840	40.0	35.1	62	5															1					04-05
05 47	26.850	39.7	34.5	60	6															2					05-06
06 46	26.870	41.1	35.8	61	8	9	Cs	250												3	3	.025			06-07
07 47	26.890	46.0	38.9	53	10															3					07-08
08 47	26.905	51.8	42.0	43	8															2					08-09
09 48	26.915	55.6	43.8	38	8	8	Cs	250												2	2	.045			09-10
10 48	26.905	58.3	45.3	35	6															2					10-11
11 47	26.870	62.8	46.6	27	6															2					11-12
12 45	26.835	65.7	47.2	22	7	0	Sc	80	7	Cs	250	7								3	7	.080			12-13
13 51	26.820	65.2	47.6	25	8															5					13-14
14 50	26.810	66.8	49.3	27	8															5					14-15
15 50	26.830	65.2	48.8	29	8	8	as	e250												7	5	.005			15-16
16 50	26.820	62.3	47.8	33	7															3					16-17
17 49	26.840	59.0	46.4	38	4															3					17-18
18 48	26.840	57.4	46.1	42	3	3	as	250												2	2	.010			18-19
19 46	26.840	56.0	45.2	43	2															2					19-20
20 47	26.850	57.8	44.1	55	2															2					20-21
21 45	26.865	51.3	43.1	52	2	2	CS	250												2	3	.025			21-22
22 45	26.870	49.2	42.0	56	2															2					22-23
23 45	26.870	49.6	42.0	53	2															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	43	38	X	X						X		
	0348	1	0	0	0	43	38		0								
	0946	2	0	0	0	57	38		0								
	1542	3	0	0	0	68	55		0								
	2140	4	0	0	0	66	51		0								
	MID.	X	0	0	0	52	47	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0947	1549	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.845	26.915	26.830	26.865
BAROGRAPH 64	26.845	26.905	26.820	26.865
BAR. CORR. 65	0	+.010	+.010	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
68	38	0	0	0	23	NE	1628					8	5		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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: 0800P ± 0 Sec./ 2320P @ 0 Sec./ ± Sec.

SP=00
RS=00

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: 1984 JAN 25

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0050	250 SCT	20			243	49	33	03	11 G 15		029	802 1008	008
SA	0151	250 SCT	20			240	48	33	05	11 G 16		028		008
SA	0245	CLR	20			236	48	33	05	10		027		008
SA	0351	CLR	20			228	47	33	05	10		025	714 46 RADAT 44110	CRD
SA	0447	CLR	20			229	44	35	11	03		024		CRD
SA	0546	CLR	20			236	43	36	27	04		025		CRD
SA	0648	CLR	20			234	38	32	10	05		024	803	CRD
SA	0748	CLR	20			236	42	34	06	03		025		CRD
SA	0849	CLR	20			228	51	36	15	03		024		CRD
SA	0951	CLR	20			230	56	34	11	04		025	002 37	CRD
SA	1054	CLR	20			221	59	33	06	03		022		CRD
SA	1147	CLR	20			203	62	29	26	07		017		CRD
SA	1250	CLR	20			189	63	30	22	07		014	734	CRD
SA	1347	CLR	20			180	64	33	24	08		011		CRD
SA	1450	CLR	20			176	64	31	24	09		010		CRD
SA	1550	CLR	20			177	63	29	24	10		010	612 1001 64 RADAT 26108	WRG
SA	1650	CLR	20			180	59	32	24	07		010		WRG
SA	1750	CLR	20			184	50	32	02	06		010		WRG
SA	1850	CLR	20			190	48	32	03	10		010	400	WRG
SA	1950	CLR	20			187	50	31	11	05		010	wnd Dir Vrbl	WRG
SA	2050	CLR	20			184	43	31	00	00		010		WRG
SA	2150	CLR	20			184	42	32	04	05		010	400 64	WRG
SA	2250	CLR	20			176	43	32	00	00		009		WRG
SA	2350	CLR	20			173	41	30	06	04		008		WRG

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$_1$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: 1984 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.
00 50	26.860	49.2	41.6	53	3	3	CS	250												3	8	.004			00-01
01 51	26.850	48.4	41.4	56	2															2					01-02
02 45	26.840	47.9	41.1	57	0															0					02-03
03 51	26.820	46.6	40.3	59	0															0	7	.040			03-04
04 47	26.810	43.8	39.8	71	0															0					04-05
05 46	26.820	43.2	39.7	75	0															0					05-06
06 48	26.810	38.0	35.3	78	0															0	8	.010			06-07
07 48	26.815	42.2	38.4	72	0															0					07-08
08 49	26.805	51.1	43.7	56	0															0					08-09
09 51	26.815	55.8	45.2	44	0															0	0	.005			09-10
10 54	26.790	58.5	46.2	38	0															0					10-11
11 47	26.750	62.0	46.3	28	0															0					11-12
12 50	26.715	63.2	47.2	28	0															0	7	.100			12-13
13 47	26.690	63.6	48.4	31	0															0					13-14
14 50	26.680	64.2	48.0	29	0															0					14-15
15 50	26.680	63.1	47.0	28	0	0	CI	250												0	6	.035			15-16
16 50	26.680	59.0	45.8	35	0															0					16-17
17 50	26.680	50.4	41.8	49	0															0					17-18
18 50	26.680	48.0	40.6	54	0															0	4	.000			18-19
19 50	26.680	49.8	41.3	48	0															0					19-20
20 50	26.680	43.2	39.1	62	0															0					20-21
21 50	26.680	42.4	37.7	66	0															0	4	.000			21-22
22 50	26.670	43.1	37.9	63	0															0					22-23
23 50	26.660	40.9	36.3	65	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	50	46	X	X						X		
	0348	1	0	0	0	52	46		0								
	0948	2	0	0	0	57	37		0								
	1546	3	0	0	0	64	57		0								
	2146	4	0	0	0	63	42		0								
	MID.	X	0	0	0	43	39	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.820	26.815	26.680	26.680
BAROGRAPH 64	26.820	26.815	26.670	26.660
BAR. CORR. 65	0	OK	+.010	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
64	37	0	0	0	17	NE	0230					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: 0500 P ±0 Sec./ 2143 (E) 0 Sec./ ± Sec.

* BAROGRAPH CHART CHANGED

SP = 00
RS = 00

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

MF1-10B (1-82)

☆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: 1984 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. (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)	OB. REPORTING INITIALS (15)
SA	0050	CLR	20			172	38	30	13	04		007	708	WRC
SA	0150	CLR	20			166	40	29	03	06		005		WRC
SA	0250	CLR	20			155	44	30	19	04		003	wnd dir Urbl	WRC
SA	0351	E250 BKN	20			155	52	14	35	19	G29	004	508 1008 37 RAOAT 36090	CG
SA	0451	250 SCT	20			171	49	17	35	19		007		CG
SA	0549	140 SCT 250 SCT	20			194	47	22	02	321	G31	014	PRESRR	CG
SA	0650	80 SCT	20			218	44	19	02	18	G28	018	244 1100	CG
SA	0747	80 SCT	20			217	43	19	02	18	G29	018		CG
SA	0849	80 SCT	20			212	46	17	02	25	G37	016	PK WND ~~02/37~~ 0237/41	CG
SA	0952	80 SCT	20			231	47	16	01	23	G35	022	310 1100 37	CG
SA	1046	80 SCT	20			225	50	18	02	23	G35	021		CG
SA	1149	80 SCT	20			217	51	13	02	25	G38	018	PK WND 0238/42	CG
SA	1250	80 SCT	20			216	52	11	03	26	G40	017	PK WND 0337/40 P714 1100	CG
SA	1350	80 SCT	20			213	54	11	02	23	G38	017	PK WND 0240/26	CG
SA	1450	80 SCT	20			218	54	12	04	20	G31	019		CG
SA	1550	80 SCT	20			218	54	10	04	22	G32	021	310 1100 55 RAOAT 34069	WRC
SA	1650	CLR	20			221	51	8	04	20	G30	021	Few sc SE	WRC
SA	1750	CLR	20			235	49	9	04	20	G28	024		WRC
SA	1850	CLR	20			248	47	7	03	22	G30	027	320	WRC
SA	1950	CLR	20			266	46	13	09	11	G22	032		WRC
SA	2050	CLR	20			274	44	12	04	12	G20	034		WRC
SA	2150	CLR	20			277	43	13	07	06		035	124 55	WRC
SA	2250	CLR	20			279	42	12	05	08		036		WRC
SA	2350	CLR	20			284	40	12	05	13		037		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: 1984 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 50	26.655	38.4	35.0	73	0															0	7	.025			00-01
01 50	26.640	39.8	35.2	65	0															0					01-02
02 50	26.620	44.3	38.0	57	0															0					02-03
03 51	26.630	52.3	38.0	22	6	6	Cs	25,000												5	5	.025			03-04
04 54	26.660	47.2	37.0	28	5															4					04-05
05 49	26.720	47.3	37.0	36	5															5					05-06
06 50	26.760	44.0	34.5	36	2	2	Cu	80												2	2	.130			06-07
07 47	26.760	43.2	34.0	37	2															2					07-08
08 49	26.740	45.8	35.1	31	2															2					08-09
09 52	26.770	47.0	35.5	28	1	1	Cu	80												1	3	.030			09-10
10 46	26.780	49.6	37.3	28	1															1					10-11
11 49	26.760	51.0	37.0	21	2															2					11-12
12 50	26.750	51.9	37.1	19	1	1	Cu	80												1	7	.040			12-13
13 50	26.750	53.5	38.0	18	1															1					13-14
14 50	26.770	54.0	38.5	19	1															1					14-15
15 50	26.780	53.5	37.9	17	1	1	Cu	80												1	3	.030			15-16
16 50	26.780	51.1	36.3	17	0															0					16-17
17 50	26.810	48.9	35.3	20	0															0					17-18
18 50	26.840	47.2	34.0	19	0															0	3	.060			18-19
19 50	26.880	46.0	34.3	26	0															0					19-20
20 50	26.900	44.4	33.3	27	0															0					20-21
21 50	26.910	42.9	32.1	29	0															0	1	.070			21-22
22 50	26.920	42.4	32.1	29	0															0					22-23
23 50	26.930	40.3	30.4	31	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	52	37	X	X						X		
	0345	1	0	0	0	52	37		0								
	0846	2	0	0	0	52	43		0								
	1546	3	0	0	0	55	47		0								
	2146	4	0	0	0	54	42		0								
	MID.	X	0	0	0	43	40	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0852	1546	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.650	26.770	26.740	26.910
BAROGRAPH 64	26.610	26.770	26.765	26.880
BAR. CORR. 65	+.020	+.020	+.015	+.030

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
55	37	0	0	0	40	N	1326					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-MIN. TE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. | ASSOCIATED DIRECTION | TIME

TIME CHECK - CLOCK AT: 0810P ±0 Sec./ 2330 P ±0 Sec./ ± Sec.

0549P/0549P

0849P/0849P

1250P/1250P

S/P = 00

R/S = 00

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: 1984 JAN 27

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mb.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100°-36°) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0050	CLR	20			285	39	12	03	16		037	107	WRG
SA	0150	CLR	20			284	38	9	07	10		037		WRG
SA	0250	CLR	20			285	37	9	04	15		037		WRG
SA	0348	CLR	20			279	38	9	04	14		036	803 36 RADAT 26056	CG
SA	0449	CLR	20			289	36	9	05	15		038		CG
SA	0547	CLR	20			282	38	9	04	15		036		CG
SA	0646	CLR	20			284	38	9	04	13		036	000	CG
SA	0748	CLR	20			282	41	11	06	17		036		CG
SA	0853	CLR	20			296	46	3	06	18		041		CG
SA	0950	CLR	20			285	49	6	04	13		041	114 1008 36	CG
SA	1045	CLR	20			288	53	1	09	10		040		CG
SA	1147	CLR	20			276	55	6	06	08		036		CG
SA	1249	250-SCT	20			257	58	-9	11	12		031	830 1008	CG
SA	1349	250-BKN	20			253	59	2	10	13		029		CG
SA	1450	250-SCT	20			246	60	7	13	15		027		CG
SA	1550	250-BKN	20			245	59	13	12	14		027	610 1008 60 RADAT 40092	WRG
SA	1650	250-BKN	20			246	56	15	11	13		027		WRG
SA	1750	250-BKN	20			255	50	24	09	07		028		WRG
SA	1850	250-BKN	20			258	52	23	06	09		029	307 1008	WRG
SA	1950	250-BKN	20			256	52	24	03	12		029		WRG
SA	2045	250-BKN	20			254	52	22	05	14		029		WRG
SA	2150	250-BKN	20			259	51	25	05	16		032	307 1008 60	WRG
SA	2250	250-SCT	20			256	51	25	05	16		032		WRG
SA	2350	250-SCT	20			260	50	24	05	13		033		WRG

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

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

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: 1984 JAN 27

To convert LST to GMT ADD 5 hrs. SUBTRACT ___ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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	26.930	39.0	30.0	32	0															0	1	.020			00-01
01 50	26.930	38.2	29.1	30	0															0					01-02
02 50	26.930	37.0	28.4	31	0															0					02-03
03 48	26.920	38.0	29.0	30	0															0	8	.010			03-04
04 49	26.940	36.3	28.0	32	0															0					04-05
05 47	26.920	38.0	29.0	30	0															0					05-06
06 46	26.920	38.0	29.0	30	0															0	0	.000			06-07
07 48	26.920	41.1	31.0	28	0															0					07-08
08 53	26.980	45.6	32.5	17	0															0					08-09
09 50	26.980	48.5	34.5	17	0	0	Cs	250												0	1	.040			09-10
10 45	26.960	52.7	36.2	12	0															0					10-11
11 47	26.920	54.9	38.0	14	0															0					11-12
12 49	26.870	58.0	39.1	10	4	4	Cs	250												0	8	.080			12-13
13 49	26.880	59.1	39.7	10	6															1					13-14
14 50	26.840	59.8	40.6	12	3															0					14-15
15 50	26.840	57.0	41.2	16	7	7	CS	250												2	6	.030			15-16
16 50	26.840	57.9	41.0	14	8															3					16-17
17 50	26.850	50.0	39.0	35	8															3					17-18
18 50	26.860	52.0	39.9	32	8	8	CS	250												4	3	.020			18-19
19 50	26.860	52.1	40.1	33	8															4					19-20
20 45	26.860	51.7	39.4	30	8															4					20-21
21 50	26.880	51.2	39.9	35	7	7	CS	250												3	3	.020			21-22
22 50	26.880	51.3	40.0	35	5															2					22-23
23 50	26.890	50.3	39.3	36	2															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343		0	0		40	36										
	0343	1	0	0	0	43	36		0								
	0945	2	0	0	0	49	36		0								
	1546	3	0	0	0	60	49		0								
	2146	4	0	0	0	59	49		0								
	MID.		0	0	0	52	47										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0950	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.920	26.960	26.840	26.880
BAROGRAPH 64	26.900	26.950	26.830	26.860
BAR. CORR. 65	+.020	+.010	+.010	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 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	36	0	0	0	21	NE	0254					1	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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: 0915P (±) 0 Sec./ 2000P (±) 0 Sec./ ± Sec.

1249P/1347P

1650P/1650P

~~SP=0~~

~~R/S=0~~ SP=00

R/S=00

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

☆ U.S. G.P.O. 1982-564-008/1124

MF 1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1984 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)	OBSERVERS INITIALS (15)
SA	0050	CLR	20			248	52	24	05	12	G 20	031	803 1008	WRG
SA	0150	CLR	20			246	51	23	06	18		029		WRG
SA	0250	CLR	20			246	50	24	05	17		029		WRG
SA	0350	CLR	20			239	48	23	04	17		027	810 47 RADAT 24128	LG
SA	0446	CLR	20			241	47	22	04	15		027		LG
SA	0546	CLR	20			250	46	21	04	14		028		LG
SA	0647	CLR	20			254	44	23	04	12		029	307 1008	LG
SA	0748	CLR	20			252	47	22	04	14		029		LG
SA	0847	CLR	20			256	53	21	03	17		032		LG
SA	0947	CLR	20			256	55	20	03	16		032	207 1008 43	LG
SA	1049	CLR	20			250	58	20	03	15		031		LG
SA	1148	CLR	20			232	63	19	04	10		026		LG
SA	1247	CLR	20			215	64	15	06	12		022	830 1008	LG
SA	1347	CLR	20			203	66	15	06	11		018		LG
SA	1445	CLR	20			196	66	14	05	10		016		LG
SA	1550	CLR	20			196	67	12	05	11		016	617 65 RADAT 20138	WRG
SA	1650	CLR	20			199	64	15	11	13		016		WRG
SA	1750	CLR	20			204	57	16	12	13		016		WRG
SA	1850	CLR	20			205	57	18	07	10		016	400	WRG
SA	1950	CLR	20			208	49	20	01	11		016		WRG
SA	2045	CLR	20			204	51	21	03	14		016		WRG
SA	2150	CLR	20			208	54	20	04	16		018	307 68	WRG
SA	2250	CLR	20			207	52	20	04	14		018		WRG
SA	2350	CLR	20			202	50	22	04	14		017		WRG

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 (10-78) 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: 1984 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 50	26.870	52.2	40.1	32	0	0	CS	250												0	6	.010			00-01
01 50	26.860	50.9	39.3	33	0															0					01-02
02 50	26.860	49.7	38.6	36	0															0					02-03
03 50	26.840	48.3	38.0	37	0															0	8	.030			03-04
04 46	26.840	47.0	37.0	37	0															0					04-05
05 46	26.860	45.8	36.0	37	0															0					05-06
06 47	26.860	44.4	35.7	42	0	0	CS	250												0	3	.020			06-07
07 48	26.880	47.0	37.0	37	0															0					07-08
08 49	26.880	53.1	39.8	28	0															0					08-09
09 47	26.880	54.8	40.6	26	0	0	CS	250												0	2	.020			09-10
10 49	26.870	58.0	42.2	23	0															0					10-11
11 48	26.830	62.5	44.0	18	0															0					11-12
12 49	26.790	64.3	44.2	15	0	0	CS	250												0	8	.080			12-13
13 47	26.760	66.3	45.1	14	0															0					13-14
14 45	26.740	66.3	45.0	13	0															0					14-15
15 50	26.740	67.2	45.0	12	0															0	6	.050			15-16
16 50	26.740	63.9	44.0	15	0															0					16-17
17 50	26.740	57.2	41.3	21	0															0					17-18
18 50	26.740	57.1	41.3	21	0															0	4	.000			18-19
19 50	26.740	49.4	37.6	31	0															0					19-20
20 45	26.740	51.1	38.8	30	0															0					20-21
21 50	26.760	53.6	39.8	26	0															0	3	.020			21-22
22 50	26.760	51.9	39.0	28	0															0					22-23
23 50	26.750	50.3	38.7	33	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 0346		0	0		52	47										
	0346	1	0	0	0	52	47		0								
	0943	2	0	0	0	55	43		0								
	1546	3	0	0	0	68	55		0								
	2146	4	0	0	0	67	49		0								
	MID.		0	0	0	54	50										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0947	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.840	26.880	26.740	26.760
BAROGRAPH 64	26.830	26.870	26.720	26.730
BAR. CORR. 65	+.010	+.010	+.020	+.030

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
68	43	0	0	0	24	NE	0024					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: 0755 P (+) 0 Sec./ 2225 P (+) 0 Sec./ ± Sec.

~~SHP=0~~
~~RTSP=00~~
R/S=00

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: 1984 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 (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	CLR	20			198	50	19	04	14		016	807	WRC
SA	0150	CLR	20			198	48	21	04	15		016		WRC
SA	0250	CLR	20			198	46	20	04	12	G20	016		WRC
SA	0349	CLR	20			186	47	25	05	12		013	810 47 RAPAT 20125	RD
SA	0448	CLR	20			185	48	20	05	14		013		RD
SA	0552	CLR	20			186	47	20	13	05		012		RD
SA	0649	250 -SCT	20			191	45	22	06	06		013	502 1001	RD
SA	0748	250 -SCT	20			203	48	17	06	10		015		RD
SA	0848	250 -SCT	20			199	54	17	01	10		015		RD
SA	0949	250 -SCT	20			200	57	18	01	13		017	314 1001 43	RD
SA	1049	250 -SCT	20			197	60	18	03	17		016		RD
SA	1146	250 -SCT	20			184	63	18	02	10		013		RD
SA	1252	250 -BKN	20			165	67	16	14	07		008	829 1006	RD
SA	1347	250 -BKN	20			156	67	14	14	12		005		RD
SA	1450	250 -BKN	20			150	69	11	13	14		003		RD
SA	1550	250 - OVC	20			156	66	9	13	12		004	510 1007 69 RAPAT 20130	RD
SA	1649	250 - OVC	20			160	63	7	12	10		005		RD
SA	1750	250 - OVC	20			171	58	10	09	09		007		RD
SA	1850	250 - SCT	20			179	55	9	04	10		008	214 1008	RD
SA	1947	250 - SCT	20			181	55	7	05	10		010		RD
SA	2046	250 - SCT	20			178	54	10	03	14		010		RD
SA	2150	250 - SCT	20			182	51	10	04	15		011	207 1008 69	RD
SA	2245	250 - SCT	20			185	50	9	05	14		012		RD
SA	2345	250 - SCT	20			184	49	11	04	13		012		RD

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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 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, NV

DATE: 1984 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 50	26.740	50.2	38.0	29	0															0	8	.020			00-01
01 50	26.740	48.4	37.4	33	0															0					01-02
02 50	26.740	48.1	37.0	32	0															0					02-03
03 49	26.710	47.1	38.0	42	0															0	8	.030			03-04
04 48	26.705	47.6	36.7	33	0															0					04-05
05 52	26.695	46.5	36.3	35	0															0					05-06
06 49	26.705	45.0	35.8	39	2	2	C1	250												0	5	.005			06-07
07 48	26.730	48.3	36.5	29	2															0					07-08
08 48	26.730	53.5	39.3	24	1															0					08-09
09 49	26.745	57.0	41.2	22	2	2	C1	250												0	3	.040			09-10
10 49	26.735	59.5	42.2	17	2															0					10-11
11 46	26.705	62.6	44.0	18	4															0					11-12
12 52	26.660	67.1	45.7	14	6	6	C1	250												0	8	.085			12-13
13 47	26.635	67.4	45.4	13	8															1					13-14
14 50	26.620	68.7	45.1	11	8															1					14-15
15 50	26.630	66.3	44.1	10	10	10	C5	250												2	5	.030			15-16
16 49	26.640	63.0	42.3	11	10															3					16-17
17 50	26.660	58.3	40.4	15	10															2					17-18
18 50	26.670	54.5	38.2	16	5	5	C5	250												1	2	.040			18-19
19 47	26.680	54.8	38.1	14	3															1					19-20
20 46	26.680	54.0	38.1	17	1															0					20-21
21 50	26.690	51.2	36.6	19	1	1	C5	250												0	2	.020			21-22
22 45	26.700	50.4	36.0	18	1															0					22-23
23 45	26.700	48.8	35.5	21	1															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0346	X	0	0	X	51	47	X	X						X		
	0346	1	0	0	0	54	47		0								
	0942	2	0	0	0	57	43		0								
	1546	3	0	0	0	69	57		0								
	2145	4	0	0	0	66	51		0								
	MID.	X	0	0	0	51	48	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1530	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.710	26.745	26.630	26.680
BAROGRAPH 64	26.685	26.745	26.640	26.680
BAR. CORR. 65	+.025	+.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
69	43	0	0	0	21	NE	0020					5	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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: 0801P ±0 Sec./ 1717P ±0 Sec./ ± Sec.

CHANGED AND RESET MICROBARDGRAPH AT 0948 LST

1049P/1649P

SP=00

RS=00

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: 1984 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)	OBSERVERS INITIALS
SA	0051	250 - BKN	20			180	51	12	05	13		012	103 1008	RD
SA	0150	250 - BKN	20			183	50	12	05	13		013		RD
SA	0250	E250 OVC	20			187	48	11	05	14		014		RD
SA	0348	E250 OVC	20			190	49	13	03	11		014	107 1007 47 RADAT 20123	RD
SA	0448	E250 OVC	20			195	49	10	03	13		015		RD
SA	0549	E250 BKN	20			203	43	10	04	12		016		RD
SA	0649	250 - BKN	20			206	44	11	03	11		016	207 1008	RD
SA	0750	250 - BKN	20			207	48	16	04	09		017		RD
SA	0848	250 - SCT	20			210	53	10	05	08		018		RD
SA	0947	250 - SCT	20			207	60	6	02	12		018	107 1001 42	RD
SA	1047	250 - BKN	20			204	60	9	08	06		017		RD
SA	1148	E250 BKN	20			192	62	9	12	13		014		RD
SA	1248	E250 BKN	20			180	64	9	12	15		012	722 1008	RD
SA	1350	E250 BKN	20			175	63	6	13	17		010		RD
SA	1450	250 - BKN	20			176	64	8	11	16		010		RD
SA	1549	270 - SCT	20			175	64	7	09	10		010	605 1051 65 RADAT 20123	RD
SA	1653	CLR	20			182	58	8	13	10		011	FEW AC CI	RD
SA	1751	CLR	20			192	53	9	14	07		012	FEW AC CI	RD
SA	1845	CLR	20			195	50	9	17	07		013	210 1071	RD
SA	1952	CLR	20			200	46	11	34	08		014		RD
SA	2049	CLR	20			203	45	10	10	03		015		RD
SA	2147	CLR	20			198	46	7	13	03		015	107 65	RD
SA	2251	CLR	20			203	45	9	16	03		016		RD
SA	2353	CLR	20			205	39	17	00	00		016		RD

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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 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: 1984 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.
																				2	1	.010			00-01
00 51	26.700	51.1	37.0	21	7	7	CS	250												2					01-02
01 50	26.710	50.3	36.5	21	7															7					02-03
02 50	26.720	48.3	35.3	22	10															8	1	.020			03-04
03 48	26.720	49.0	36.1	23	10	10	CS	E250												7					04-05
04 48	26.730	48.8	35.4	21	10															4					05-06
05 47	26.735	49.9	32.0	26	6															4	2	.020			06-07
06 47	26.740	44.4	33.0	25	8	8	CS	250												2					07-08
07 50	26.750	47.9	36.0	28	6															2					08-09
08 48	26.760	53.1	37.7	18	5															2	1	.020			09-10
09 47	26.760	59.6	40.5	12	5	5	CI	250												4					10-11
10 47	26.750	59.8	40.9	13	8															5					11-12
11 48	26.720	61.6	41.8	12	8															5	7	.065			12-13
12 48	26.685	64.0	43.0	11	8	8	CS	E250												4					13-14
13 50	26.680	63.3	42.3	10	7															2					14-15
14 50	26.680	64.0	43.0	11	6															1	6	.015			15-16
15 49	26.680	64.0	42.7	10	3	0	AC	200	3	CI	270	3								0					16-17
16 53	26.690	58.3	40.1	13	0															0					17-18
17 51	26.700	52.7	37.3	17	0															0	2	.030			18-19
18 45	26.710	50.3	36.0	19	0	0	AC	200	0	CI	270	0								0					19-20
19 52	26.720	46.1	34.0	24	0															0					20-21
20 49	26.730	44.7	33.0	24	0															0	1	.020			21-22
21 47	26.730	46.1	33.4	20	0															0					22-23
22 54	26.740	45.0	33.0	23	0															0					23-24
23 53	26.740	39.2	31.2	40	0																				

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 0343	X	0	0	X	51	47	X	X						X		
	0343	1	0	0	0	51	47		0								
	0942	2	0	0	0	60	42		0								
	1545	3	0	0	0	65	60		0								
	2142	4	0	0	0	64	43		0								
	MID.	X	0	0	0	46	39	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0946	1549	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.720	26.760	26.680	26.730
BAROGRAPH 64	26.710	26.760	26.690	26.710
BAR. CORR. 65	+.010	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 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	39	0	0	0	19	SE	1355					6	5		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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: 0645P ± 0 Sec. / 1752P ± 0 Sec. / ± Sec.

SP=00
RS=00

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: 1984 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. (Mb.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (14)
SA	0047	CLR	20			198	42	10	12	06		015	000	RD
SA	0149	CLR	20			198	45	8	06	10		015		RD
SA	0250	270-SCT	20			199	42	10	36	05		015		RD
SA	0349	220 -SCT	20			199	41	11	10	04		015	400 1001 37 RADAT 20133	RD
SA	0449	220 -SCT	20			205	39	12	33	06		015		RD
SA	0549	220 -SCT	20			207	44	9	06	04		016		RD
SA	0651	220 -BKN	20			215	40	15	33	07		017	307 1008	RD
SA	0748	E220 BKN	20			219	44	11	12	03		018		RD
SA	0849	E220 OVC	20			223	47	13	33	03		019		RD
SA	0948	E220 OVC	20			217	52	14	12	11		020	207 1007 37	RD
SA	1049	E220 OVC	20			210	58	21	11	12		018		RD
SA	1147	E220 OVC	20			202	58	23	13	08		015		RD
SA	1251	E220 OVC	20			191	60	14	13	09		012	724 1057	RD
SA	1347	180 SCT E220 BKN	20			179	61	15	13	14		010		RD
SA	1450	180 SCT E220 BKN	20			176	62	21	13	15		009		RD
SA	1547	180 SCT E240 BKN	20			174	60	13	13	12		007	614 1051 63 RADAT 20118	RD
SA	1650	E240 OVC	20			177	56	15	12	13		007	FEW AC	RD
SA	1750	240-OVC	20			177	51	14	11	09		007		RD
SA	1846	240-BKN	20			182	48	16	11	12		007	400 1001	RD
SA	1952	E240 BKN	20			184	48	17	10	04		008		RD
SA	2046	240-BKN	20			184	45	16	01	07		008		RD
SA	2147	240-BKN	20			185	44	16	01	05		010	207 1001 63	RD
SA	2246	240-BKN	20			179	42	18	04	03		008		RD
SA	2347	240 SCT	20			178	40	17	06	00		008		RD

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: 1984 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 47	26.730	41.7	31.1	26	0															0	0	.000			00-01
01 49	26.730	45.1	33.0	22	0															0					01-02
02 50	26.730	41.7	31.2	27	3															0					02-03
03 49	26.730	40.7	31.0	30	3	3	Ci	220												1	4	.000			03-04
04 49	26.730	38.8	30.0	33	3															1					04-05
05 49	26.740	44.0	32.5	24	5															2					05-06
06 51	26.750	40.1	31.3	36	8	8	Cs	220												4	3	.020			06-07
07 48	26.760	44.2	33.0	26	9															6					07-08
08 47	26.765	46.9	34.8	25	10															6					08-09
09 48	26.770	52.3	38.0	21	10	10	Cs	E220												6	2	.020			09-10
10 49	26.760	57.8	42.3	24	10															6					10-11
11 47	26.730	58.3	42.9	25	10															6					11-12
12 51	26.700	59.8	41.8	16	10	0	Ac	180	10	Cs	E220	10								6	7	.070			12-13
13 47	26.680	60.7	42.4	17	9															5					13-14
14 50	26.670	61.6	44.1	21	9															5					14-15
15 47	26.660	60.0	41.7	16	9	4	Ac	180	7	Ci	E240	9								6	6	.040			15-16
16 50	26.660	56.2	40.2	20	10															8					16-17
17 50	26.660	51.1	37.4	23	10															4					17-18
18 46	26.660	48.0	36.0	27	7	7	Ci	240												3	4	.000			18-19
19 52	26.670	47.7	36.1	29	7															5					19-20
20 46	26.670	45.4	34.7	31	6															3					20-21
21 47	26.680	43.8	33.8	32	6	6	Ci	240												2	2	.020			21-22
22 46	26.670	41.6	33.0	39	6															2					22-23
23 47	26.670	40.3	32.0	39	3															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	45	37	X	X						X		
	0343	1	0	0	0	46	37		0								
	0942	2	0	0	0	52	38		0								
	1543	3	0	0	0	63	52		0								
	2142	4	0	0	0	60	44		0								
	MID.	X	0	0	0	44	40	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0848	0947	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.730	26.770	26.660	26.680
BAROGRAPH 64	26.710	26.755	26.660	26.660
BAR. CORR. 65	+.020	+.015	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 UNML. TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
63	37	0	0	0	17	SE	1550					9	7		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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: 0812P ± 0 Sec./ 1800P ± 0 Sec./ ± Sec.

SP=00
RS=00

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

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