WS FORM F-6
(9-76)

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

PRELIMINARY LOCAL CLIMATOLOGICAL DATA

STATION: Desert Rock, Nevada

MONTH: December YEAR: 1984

LATITUDE: 36° 39' N LONGITUDE: 116° 01' W GROUND ELEVATION (H): 3298 FT. STANDARD TIME: Pacific

DAY	TEMPERATURE °F MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	DEGREE DAYS (Base 65°) HEATING	COOLING	PRECIPITATION (In.) TOTAL (Water equivalent)	SNOWFALL, ICE PELLETS	SNOW, ICE PELLETS OR ICE ON GROUND AT 0400	WIND AVERAGE SPEED [redacted] KNOTS	Peak SPEED [redacted] KNOTS	DIRECTION	[redacted] Ave. Stn. Press.	* PERCENT OF POSSIBLE SUN	SKY COVER SUNRISE TO SUNSET (Tenths)	WEATHER OCCURRENCES	RH 04	10	16	22
1	56	28	42		23	0	0	0	0	4.3	11	W	26.63	100	2		81	57	39	83
2	53	30	42		23	0	0	0	0	5.3	16	E	26.66	32	10		89	59	49	84
3	49	43	41		24	0	T	0	0	6.8	21	E	26.56	0	10	R-	86	57	66	57
4	57	33	45		20	0	0	0	0	6.0	16	NE	26.59	95	1		80	43	39	89
5	54	34	44		21	0	0	0	0	6.8	18	SE	26.75	64	7		83	69	51	73
6	58	40	49		16	0	0	0	0	9.8	23	E	26.89	41	7		53	39	31	45
7	57	39	48		17	0	0	0	0	7.1	20	SE	26.76	33	10		53	33	31	40
8	53	41	47		18	0	0.06	0	0	4.4	11	W	26.71	8	10	R-	49	83	72	87
9	52	36	44		21	0	0	0	0	4.9	12	E	26.80	11	10		94	86	66	86
10	51	35	43		22	0	T	0	0	6.1	18	NE	26.54	16	10	R-, RW-	88	90	78	84
11	53	37	45		20	0	0	0	0	5.3	14	W	26.46	17	10		94	83	65	91
12	52	36	44		21	0	0.06	0	0	9.7	34	NE	26.33	49	7	R-	95	75	68	43
13	43	32	38		27	0	0	0	0	20.9	44	NE	26.33	90	1		45	51	37	39
14	45	29	37		28	0	0	0	0	11.8	24	NE	26.56	99	0		44	52	37	42
15	44	24	34		31	0	T	0	0	10.6	39	S	26.42	52	5	R-	63	56	48	45
16	44	23	34		31	0	0.02	0	0	11.3	36	S	26.49	74	3	R-, S-	86	48	53	80
17	38	21	30		35	0	0	0	0	9.4	16	NE	26.63	60	8		86	45	56	59
18	35	26	31		34	0	0.44	4.0	0	4.4	10	NE	26.55	7	10	S+, SW-	66	58	97	98
19	40	31	36		29	0	0.65	2.6	4.0	4.1	15	E	26.52	0	10	S, R-	98	87	97	95
20	40	24	32		33	0	T	0	1.0	4.8	11	W	26.58	17	8	RW-	94	86	77	95
21	36	24	30		35	0	0	0	0	12.6	23	NE	26.82	97	0		93	84	70	65
22	35	23	29		36	0	0	0	0	13.3	25	NE	26.92	43	8		59	65	60	76
23	44	20	32		33	0	0	0	0	4.8	19	NE	26.74	91	5		78	62	53	91
24	44	22	33		32	0	0	0	0	10.4	28	NE	26.73	100	0		67	40	48	55
25	48	28	38		27	0	0	0	0	8.0	21	NE	26.63	100	0		53	43	45	70
26	47	25	36		29	0	0.33	0	0	5.5	17	NE	26.54	60	9	RW, R-	75	52	57	96
27	45	37	41		24	0	0.25	0	0	5.6	14	NE	26.44	0	10	R-, L-	94	96	91	96
28	47	38	43		22	0	0.10	0	0	3.8	9	SE	26.52	0	10	R-, L-, F	99	93	84	99
29	47	33	40		25	0	0	0	0	5.0	14	NE	26.78	0	10		99	92	67	87
30	51	31	41		24	0	0	0	0	7.2	19	NE	26.79	100	0		88	71	60	83
31	47	29	38		27	0	0	0	0	11.5	30	N	26.82	100	0		83	52	45	59
SUM	1465	942	—	—	808	0	1.91	6.6	—	241.5	—	—	825.49	—	191	—	2415	2007	1837	2292
AVG	47.3	30.4	—	—	—	—	—	—	—	7.8	FASTEST	DIRECTION	[redacted]	%		—	78	65	59	74
[redacted]										MISC. →	44	NE	26.63	50	6.2	—				

TEMPERATURE DATA

AVERAGE MONTHLY 38.8
DEPARTURE FROM NORMAL -6.2
HIGHEST 58 ON 6
LOWEST 20 ON 23
NUMBER OF DAYS WITH –
MAX. 32° OR BELOW 0
MAX. 90° OR ABOVE 0
MIN. 32° OR BELOW 18
MIN. 0° OR BELOW 0

HEATING DEGREE DAYS (Base 65°)
TOTAL THIS MONTH 808
DEPARTURE FROM NORMAL 198
SEASONAL TOTAL 1558
DEPARTURE FROM NORMAL

COOLING DEGREE DAYS (Base 65°)
TOTAL THIS MONTH 0
DEPARTURE FROM NORMAL 0
SEASONAL TOTAL 1797
DEPARTURE FROM NORMAL

PRECIPITATION DATA

TOTAL FOR THE MONTH 1.91 IN.
DEPARTURE FROM NORMAL IN.
GREATEST IN 24 HRS. 0.65 ON 19

SNOWFALL, ICE PELLETS
TOTAL FOR THE MONTH 6.6 IN.
GREATEST IN 24 HRS. 4.0 ON 18
GREATEST DEPTH ON GROUND 4.0 ON 19

WEATHER

NUMBER OF DAYS –
CLEAR (Scale 0–3) 10
PARTLY CLOUDY (Scale 4–7) 5
CLOUDY (Scale 8–10) 16
WITH 0.01 INCH OR MORE PRECIP. 8
WITH 0.10 INCH OR MORE PRECIP. 5
WITH 0.50 INCH OR MORE PRECIP. 1
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 [redacted] Stn 26.950 IN. ON 22
LOWEST [redacted] 26.180 IN. ON 12

* Estimated

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 DEC 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)	OBS. INITIALS (15)
SA	0053	E250 OVC	20			157	34	29	05	03		000	802 1007	SH
SA	0151	E250 OVC	20			158	33	30	00	00		000		SH
SA	0253	E250 OVC	20			155	33	30	07	03		999		SH
SA	0350	E250 OVC	20			157	33	30	04	04		999	702 10013 3 RADAT 51076	OOB
SA	0455	250 - BKN	20			162	30	28	13	03		999		OOB
SA	0556	250 - SCT	20			169	30	27	14	03		001		OOB
SA	0655 ~~0755~~	CLR	20			178	31	28	13	05		003	310	OOB
SA	0754	CLR	20			180	36	32	19	03		004		OOB
SA	0856	CLR	20			179	42	32	14	02		005		OOB
SA	0957	CLR	20			181	46	32	22	02		006	310 28	OOB
SA	1054	CLR	20			174	51	32	25	05		005		OOB
SA	1155	CLR	20			170	53	26	23	02		004		OOB
SA	1251	CLR	20			162	55	28	33	03		002	814	OOB
SA	1349	CLR	20			163	55	28	24	06		002		OOB
SA	1450	CLR	20			163	55	29	22	06		002		OOB
SA	1553	CLR	20			163	54	29	24	10		002	400 56 RADAT 22085	SH
SA	1651	CLR	20			173	47	31	23	05		003		SH
SA	1750	CLR	20			181	41	32	05	05		004		SH
SA	1857	CLR	20			191	38	31	01	07		006	214	SH
SA	1953	CLR	20			191	37	31	03	06		007		SH
SA	2051	CLR	20			191	36	29	05	05		008		SH
SA	2154	CLR	20			194	34	30	09	04		010	210 1001 56	SH
SA	2251	CLR	20			196	34	29	12	06		011		SH
SA	2352	CLR	20			196	33	29	13	05		011		SH

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 DEC 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 53	26.595	34.4	32.0	79	10	10	CS	6250												8	8	.005			00-01
01 51	26.595	33.2	32.0	89	10															7					01-02
02 53	26.590	33.2	32.0	89	10															6					02-03
03 50	26.590	33.0	31.9	90	10	10	CI	6250												8	7	.005			03-04
04 55	26.590	30.0	29.4	93	6															2					04-05
05 56	26.600	29.6	28.7	89	5															1					05-06
06 55	26.620	30.6	29.8	91	0															0	3	.030			06-07
07 54	26.630	36.2	34.2	83	0															0					07-08
08 56	26.640	41.6	37.3	68	0															0					08-09
09 57	26.650	46.1	39.6	57	0															0	3	.030			09-10
10 54	26.640	50.7	42.0	48	0															0					10-11
11 55	26.630	52.6	46.9	35	0															0					11-12
12 51	26.610	54.9	42.7	35	0															0	8	.040			12-13
13 49	26.610	55.2	43.0	35	0															0					13-14
14 50	26.610	54.8	43.0	37	0															0					14-15
15 53	26.610	53.5	42.4	39	0															0	4	.000			15-16
16 51	26.620	47.4	40.0	53	0															0					16-17
17 50	26.630	41.2	37.0	69	0															0					17-18
18 51	26.650	37.8	35.0	77	0															0	2	.040			18-19
19 53	26.660	37.3	34.6	78	0															0					19-20
20 51	26.665	36.2	33.7	78	0															0					20-21
21 54	26.680	34.3	32.4	83	0	0	CI	250												0	2	.030			21-22
22 51	26.690	34.3	32.2	81	0															0					22-23
23 [illegible]	26.690	32.0	31.2	87	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	X	0	0	X	36	33	X	X						X		
	0346	1	0	0	0	38	33		0								
	0852	2	0	0	0	48	28		0								
	1549	3	0	0	0	56	46		0								
	2150	4	0	0	0	54	33		0								
	MID.	X	0	0	0	34	32	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0903	1551	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.590	26.610	26.610	26.680
BAROGRAPH 64	26.595	26.670	26.605	26.670
BAR. CORR. 65	-.005	-.030	+.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
56	28	0	0	0	11	W	1312					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 MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK-CLOCK AT: 0355P ⊕ 0 Sec./ 1650P ⊕ Sec./ ± Sec.

0755/0655

1000P - CHANGED BAROGRAM AND RESET TO ZERO

MF 1-10A
(1-82)

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

STATION: WSMO, DESERT ROCK NEVADA

DATE: 02 DEC 1984

TO CONVERT EST 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	0053	250 - SCT	20			197	32	28	07	05		012	207 1001	SH
SA	0151	250 - SCT	20			195	31	28	10	04		012		SH
SA	0248	250 - SCT	20			194	31	29	09	04		011		SH
SA	0352	250 - SCT	20			195	31	29	09	04		011	603 1001 30 RADAT ~~85L~~	MR
/													~~85L034092/2~~	/
SA	0452	250 - OVC	20			200	31	29	20	03		011	85L034069092/1	MR
SA	0550	250 - OVC	20			205	31	28	10	03		011		MR
SA	0649	250 - OVC	20			214	30	28	33	04		013	307 1001	MR
SA	0750	250 - OVC	20			219	34	30	08	02		015		MR
SA	0849	180 SCT E250 OVC	20			216	41	29	15	02		015		MR
SA	0951	180 SCT E250 OVC	20			217	42	29	32	03		016	108 1012 30	MR
SA	1050	180 SCT E230 OVC	20			209	45	28	03	02		014		MR
SA	1150	E230 OVC	20			195	47	28	30	03		010		MR
SA	1250	E230 OVC	20			184	50	29	06	03		007	727 1002	MR
SA	1351	E230 OVC	20			180	50	30	13	10		006		MR
SA	1451	E230 OVC	20			178	49	30	15	09		005	Ac w)	MR
SA	1550	150 SCT 250 - OVC	20		170	~~161~~	49	31	13	15		003	812 1032 53	/
/													RADAT 67M068 078103	HS
SA	1650	150 SCT 250 - BKN	20			169	46	33	11	12		002		HS
SA	1752	250 - BKN	20			175	43	32	14	07		003		HS
SA	1855	E250 BKN	20			174	43	33	35	04		003	502 1002	HS
SA	1954	E250 BKN	20			174	37	32	32	07		002		HS
SA	2053	E250 BKN	20			166	36	31	35	07		001		HS
SA	2150	E250 BKN	20			166	36	32	10	03		001	605 1002 53	HS
SA	2255	E250 BKN	20			164	35	31	04	06		001		HS
SA	2354	E250 BKN	20			155	35	31	05	05		999		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 $2s_n T_d T_d T_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$

SUPERSEDES MF1-10A (1-78) 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: 02 DEC 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 53	26.700	32.2	30.7	85	2	2	Ci	250												1	2	.020			00-01
01 51	26.695	31.4	30.3	89	2															1					01-02
02 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]															1					02-03
03 52	26.690	31.2	30.2	90	4	4	Ci	250												0	6	.010			03-04
04 52	26.690	30.6	30.0	94	10															4					04-05
05 50	26.685	31.1	30.0	89	10															3					05-06
06 49	26.710	30.4	29.6	91	10	10	Ci	250												5	3	.020			06-07
07 50	26.730	34.0	32.3	84	10															5					07-08
08 49	26.730	41.2	36.1	62	10															9					08-09
09 51	26.735	42.2	36.6	59	10	4	As	180	6	Ci	E250	10								10	1	.025			09-10
10 50	26.715	44.9	37.7	51	10															8					10-11
11 50	26.680	46.6	38.7	49	10															8					11-12
12 50	26.655	50.1	40.8	44	10	10	Ci	E230												6	7	.080			12-13
13 51	26.645	50.0	40.9	45	10															6					13-14
14 51	26.640	49.2	40.7	48	10															7					14-15
15 50	26.620	49.2	41.0	50	10	1	Ac	150	9	Ci	250	10								4	8	.035			15-16
16 50	26.605	45.7	40.0	62	8															4					16-17
17 52	26.620	42.6	37.9	66	8															3					17-18
18 55	26.615	42.9	38.5	68	9	9	Ci	E250												5	5	.005			18-19
19 54	26.610	37.1	34.7	80	8															5					19-20
20 53	26.600	36.3	34.1	81	8															5					20-21
21 50	26.600	35.9	34.1	84	9	9	Ci	E250												5	6	.015			21-22
22 55	26.600	34.7	33.2	86	9															5					22-23
23 54	26.580	35.1	33.4	85	9															5					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		33	30										
	0345	1	0	0	0	34	30		0								
	0944	2	0	0	0	43	30		0								
	1546	3	0	0	0	53	42		0								
	2146	4	0	0	0	49	34		0								
	MID.		0	0	0	37	33										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0950	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.690	26.735	26.620	26.600
BAROGRAPH 64	26.685	26.720	26.610	26.600
BAR. CORR. 65	+.005	+.015	+.010	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
53	30	0	0	0	16	E	1239					10	8		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE ____ 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./ 1900P ± 0 Sec./ ± Sec.

0352P/0352P ~~1647P~~/ ~~1647P~~

1650/SLP 170 / 0010-3

MF1-10A
(1-82)

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

STATION: WSMO, DESERT ROCK NEVADA

DATE: 3 DEC 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 (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0054	E250BKN	20			159	34	31	09	06		000	503 1002	HS
SA	0152	E250 OVC	20			151	39	31	09	09		999		HS
SA	0254	E250 OVC	20			154	35	32	02	04		999		HS
SA	0357	160 SCT E250 OVC	20			149	36	32	04	03		997	707 1052 33	MR
													RADAT 63076	
SA	0452	E160 BKN 250 OVC	20			147	37	32	31	04		996		MR
SA	0549	E160 BKN 250 OVC	20			147	37	31	05	04		996		MR
SA	0651	E160 BKN 250 OVC	20			149	38	31	10	06		997	502 1072	MR
SA	0753	E160 OVC	20			152	40	30	07	04		997		MR
SA	0851	110 SCT E140 OVC	20		154	150	42	29	09	04		997		MR
SA	0954	E85 BKN 120 OVC	20			153	43	29	10	05		997	102 107/ 33	MR
SA	1051	E85 BKN 120 OVC	20			151	44	29	11	05		997		MR
SA	1150	E80 BKN 120 OVC	20			148	44	29	10	05		996	CUFRA ALG MTNS SE	MR
SA	1254	E80 BKN 120 OVC	20			141	45	30	29	02		994	MTN TPS OBSCD SE	MR
													810 107/	
SA	1350	40 SCT E80 BKN 120 OVC	20			130	48	31	11	07	G18	993	MTN TPS OBSCD E AND SE-S	MR
SA	1453	40 SCT E70 BKN 120 OVC	20		R-	135	46	35	11	10		993	RB40 SWW OMTNS SE-S	MR
SA	1550	15 SCT E40 BKN 70 OVC	20			136	45	34	11	08		993	RE02 MTN TPS OBSCD	
													E-S 50300 127/ 49	
													RADAT 78063	
SA	1652	15SCT E40BKN 70 OVC	20			139	43	35	11	13		994	MTN TPS OBSCD E-S	HS
SA	1751	40SCT E70 OVC	20			141	42	35	10	15		994		HS
SA	1853	E80BKN 250 OVC	20			144	43	34	11	12		996	207 1077	HS
SA	1952	E80 BKN 250 OVC	20			146	45	34	11	08		997		HS
SA	2052	80SCT E250BKN	20			144	45	35	07	05		997		HS
SA	2153	E250 BKN	20			145	46	32	05	05		997	105 1008 49	HS
SA	2253	250 SCT	20			149	42	36	11	09		998		HS
SA	2353	CLR	20			146	41	32	09	10		997		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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 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 NEVADA

DATE: 3 DEC 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 54	26.590	34.2	33.0	89	8	8	Ci	E250												5	5	.010			00-01
01 52	26.580	38.6	35.5	75	10															10					01-02
02 54	26.580	35.2	34.0	89	10															10					02-03
03 54	26.570	35.8	34.2	86	10	4	Ac	160	6	Ci	E250	10								10	7	.020			03-04
04 52	26.560	36.6	34.6	83	10															10					04-05
05 49	26.555	36.7	34.4	80	10															10					05-06
06 51	26.565	38.4	35.3	75	10	9	Ac	E160	1	Ci	250	10								10	5	.005			06-07
07 53	26.565	40.4	36.0	66	10															10					07-08
08 51	26.570	42.1	36.6	60	10															10					08-09
09 54	26.570	43.0	37.0	57	10	6	Ac	E85	10	As	120	10								10	1	.005			09-10
10 51	26.565	44.2	37.7	55	10															10					10-11
11 50	26.555	43.9	37.6	56	10															10					11-12
12 54	26.540	45.2	38.5	55	10	7	Ac	E80	3	As	120	10								10	8	.030			12-13
13 50	26.525	47.9	40.1	51	10															10					13-14
14 53	26.530	45.8	40.8	66	10															10					14-15
15 50	26.530	44.9	40.0	66	10	2	Cu FRA	15	6	Cu	E40	8	2	Ac	70	10				10	5	.010			15-16
16 52	26.535	43.1	39.4	73	10															10					16-17
17 51	26.540	42.4	38.9	74	10															10					17-18
18 53	26.550	42.8	38.6	70	10	6	Ac	E80	4	Cs	250	10								10	2	.020			18-19
19 52	26.560	44.9	40.0	66	10															9					19-20
20 52	26.560	44.7	40.0	68	8															8					20-21
21 53	26.565	46.4	39.9	57	8	8	Cs	E250												7	1	.015			21-22
22 53	26.570	42.1	39.2	78	3															3					22-23
23 53	26.560	41.3	37.3	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 0345		0	0		39	33										
	0345	1	0	0	0	39	33		0								
	0946	2	0	0	0	43	35		0								
	1546	3	T	0	0	49	43		0								
	2149	4	0	0	0	46	41		0								
	MID.		0	0	0	46	41										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0953	1549	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.570	26.570	26.530	26.565
BAROGRAPH 64	26.555	26.560	26.510	26.560
BAR. CORR. 65	+.015	+.010	+.020	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
49	33	T	0	0	21	E	1358					10	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
R-	1440	1502			

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: 0455P ±0 Sec./ 1900P ±0 Sec./ ± Sec.

0851/SLP 154/0010-4

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: **4 DEC 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. INITIALS (15)
SA	0051	CLR	20			143	38	32	03	04		996	805 1008	HS
SA	0151	CLR	20			146	37	32	05	09		997		HS
SA	0250	CLR	20			146	38	31	03	07		997		HS
SA	0353	CLR	20			150	35	30	05	09		997	105 35 RADAT 81067	MR
SA	0452	250-SCT	20			155	36	29	06	08		998		MR
SA	0549	150 SCT	20			159	38	29	07	08		999		MR
SA	0650	140 SCT	20			168	36	29	10	04		002	3~~12~~ 15 1070	MR
SA	0751	100 SCT 140 SCT	20			170	37	30	10	04		003		MR
SA	0853	CLR	20			168	45	26	04	12		003	AC SE	MR
SA	0952	CLR	20			161	48	27	04	10		003	003 1170 35	MR
SA	1049	CLR	20			158	52	29	09	05		002	CU OMTNS SE	MR
SA	1150	CLR	20			150	53	27	13	09		999	CU OMTNS SE	MR
SA	1252	CLR	20			150	55	28	13	04		999	612 11~~8~~0	MR
SA	1350	CLR	20			144	56	29	20	05		997	CU OMTNS SE	MR
SA	1450	CLR	20			139	56	28	14	07		996	CU OMTNS SE	MR
SA	1550	CLR	20			145	54	29	15	08		997	507 1100 57 RADAT 60079	HS
SA	1651	CLR	20			148	50	36	20	05		998		HS
SA	1752	CLR	20			161	41	34	08	04		000		HS
SA	1851	CLR	20			166	40	34	08	05		001	212	HS
SA	1953	250 SCT	20			167	38	34	20	03		001		HS
SA	2051	250-SCT	20			168	39	34	09	04		003		HS
SA	2150	250-SCT	20			174	36	33	07	06		004	310 1001 57	HS
SA	2252	250 SCT	20			174	34	32	09	03		005		HS
SA	2351	E250 BKN	20			170	35	33	09	02		004		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 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: **4 DEC 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 51	26.550	37.9	35.3	78	0	0	Cs	250												0	8	.015			00-01
01 51	26.560	37.0	34.7	81	0															0					01-02
02 50	26.560	38.0	34.9	75	0															0					02-03
03 53	26.565	35.4	33.1	80	0															0	1	.015			03-04
04 52	26.575	36.3	33.3	75	2															0					04-05
05 49	26.580	37.7	34.0	70	5															4					05-06
06 50	26.610	36.3	33.4	75	3	0	Ac	100	3	Ac	140	3								3	3	.045 .035			06-07
07 51	26.620	37.3	34.1	74	2															2					07-08
08 53	[illegible]	41.1	36.4	72	0															0					08-09
09 52	26.620	47.9	38.8	43	0	0	Cu	40	0	Ac	140	0								0	0	.010			09-10
10 49	26.610	51.9	41.6	41	0															0					10-11
11 50	26.590	53.3	41.8	37	0															0					11-12
12 52	26.585	55.1	42.9	35	0	0	Cu	50	0	Ac	100	0								0	6	.035			12-13
13 50	26.570	56.1	43.6	35	0															0					13-14
14 50	26.560	56.2	43.5	34	0															0					14-15
15 50	26.565	53.9	42.7	39	0	0	Cu	50												0	5	.020			15-16
16 51	26.570	50.2	43.1	57	0															0					16-17
17 52	26.590	41.2	38.0	76	0															0					17-18
18 51	26.600	40.0	37.1	77	0															0	2	.035			18-19
19 53	26.600	37.9	36.0	84	1															1					19-20
20 51	26.615	38.9	36.7	82	3															1					20-21
21 50	26.630	35.6	34.4	89	3	3	Ci	250												1	3	.030			21-22
22 52	26.635	34.3	33.4	91	3															2					22-23
23 51	26.630	35.2	34.2	91	8															5					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								
	0345	1	0	0	0	46	35		0								
	0947	2	0	0	0	49	35		0								
	1546	3	0	0	0	57	48		0								
	2146	4	0	0	0	54	35		0								
	MID.	X	0	0	0	36	33	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0951	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.565	26.620	26.565	26.630
BAROGRAPH 64	26.550	26.620	26.565	26.620
BAR. CORR. 65	+.015	0	0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
57	33	0	0	0	16	NE	0827					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: 0440P @ 0 Sec./ 1900P ± 0 Sec./ ± Sec.

1252P/1252P 0650P/APP 315/2358P

MF 1-10A
(1-82)

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

STATION **WSMO, DESERT ROCK NEVADA**

DATE 5 DEC 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	0052	E250 BKN	20			172	36	34	07	02		005	303 1002	HS
SA	0152	E250 BKN	20			174	39	33	36	06		007		HS
SA	0250	E250 OVC	20			175	37	34	32	02		007		HS
SA	0356	50SCT 140SCT E250 OVC	20			177	38	34	05	03		008	205 1577 3V3 RADAT	SEA
/	/											/	84071	/
SA	0454	50SCT 140SCT E250 OVC	20			183	39	33	01	03		009		SEA
SA	0552	50SCT 140SCT E250 OVC	20			198	39	33	04	03		011		SEA
SA	0654	E70BKN 250 OVC	20			210	39	34	24	02		015	322 1507	SEA
SA	0751	E70BKN 120BKN 250 OVC	20			219	41	32	10	03		017	VIRGA SW	SEA
SA	0851	70SCT 120SCT 180SCT 250-BKN	20			223	44	33	11	03		019		SEA
SA	0956	40SCT 120SCT 180SCT 250-BKN	20			227	48	39	11	11		020	117 1578 33	SEA
SA	1050	40SCT 120SCT 250-BKN	20			223	48	39	14	11		019		SEA
SA	1149	35SCT 120SCT 250-BKN	20			219	50	39	13	12	618	018	MTNS OBSCD SE-S	SEA
SA	1250	35SCT 180SCT 250-SCT	20			216	50	34	13	10		016	MTNS OBSCD SE-S/ 1748	SEA
SA	1352	35SCT 90SCT 250 SCT	20			210	53	34	11	09		017	MTNS OBSCD SE	SEA
SA	1450	40SCT 90SCT 250 SCT	20			208	54	33	12	09		016		SEA
SA	1550	40SCT 180SCT 250-BKN	20			219	51	34	13	11		018	308 1176 54 RADAT77077	WRG
SA	1652	160 SCT 250-OVC	20			230	46	37	12	07		021		WRG
SA	1752	160 SCT 250-OVC	20			234	47	37	13	13		022		WRG
SA	1852	160 SCT 250-OVC	20			238	45	37	07	07		023	214 1037	WRG
SA	1952	160 SCT 250-OVC	20			239	46	36	08	07		024		WRG
SA	2052	160 SCT 250-OVC	20			244	42	33	06	07		025		WRG
SA	2152	E160 BKN 250 BKN	20			258	41	33	02	04		029	320 1058 54	WRG
SA	2252	E160 BKN 250 BKN	20			255	46	33	06	09		029		WRG
SA	2352	160 SCT E250 BKN	20			258	45	32	08	10		031		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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 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: **5 DEC 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 52	26.640	36.2	35.2	91	9	9	Ci	E250												7	3	.010			00-01
01 52	26.650	39.0	36.2	78	9															7					01-02
02 50	26.650	36.7	35.3	88	10															10					02-03
03 56	26.655	38.3	36.3	84	10	2	SC	50	2	AC	140	4	10	CS	E250	10				10	2	.015			03-04
04 54	26.665	38.9	36.2	79	10															10					04-05
05 52	26.680	39.0	36.2	78	10															10					05-06
06 54	26.720	39.0	36.8	82	10	8	SC	E70	10	CS	250	10								10	3	.065			06-07
07 51	26.740	40.7	37.0	71	10															10					07-08
08 51	26.760	44.3	39.0	63	8															4					08-09
09 56	26.770	48.3	43.5	69	7	1	SC	40	1	AC	120	2	1	AC	180	3	7	CS	250	9	1	.050			09-10
10 50	26.760	48.3	43.6	69	6															2					10-11
11 49	26.750	49.7	44.5	67	6															2					11-12
12 50	26.735	50.0	43.7	61	5	1	CU	35	0	AC	180	1	5	Ci	250	5				2	7	.035			12-13
13 52	26.740	52.9	44.0	49	4															3					13-14
14 50	26.730	53.9	44.0	45	3															2					14-15
15 50	26.760	51.3	43.1	52	8	1	CU	40	1	AC	140	2	6	Ci	250	8				3	3	.025			15-16
16 52	26.780	46.4	42.0	70	10															5					16-17
17 52	26.790	47.2	42.1	68	10															5					17-18
18 52	26.800	44.9	41.1	74	10	2	AC	160	8	CS	250	10								4	2	.040			18-19
19 52	26.810	46.4	41.3	66	10															3					19-20
20 52	26.820	42.1	37.8	68	10															2					20-21
21 52	26.860	41.3	37.7	73	8	6	AC	E160	2	CS	250	8								7	3	.060			21-22
22 52	26.860	45.5	39.6	60	8															7					22-23
23 52	26.870	44.8	38.8	59	8															6					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	39	34	X	X						X		
	0350	1	0	0	0	39	33		0								
	0951	2	0	0	0	49	38		0								
	1546	3	0	0	0	54	48		0								
	2148	4	0	0	0	51	41		0								
	MID.	X	0	0	0	46	40	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0355	0955	1546	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.655	26.770	26.760	26.460
BAROGRAPH 64	26.650	26.760	26.745	26.445
BAR. CORR. 65	+.005	+.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
54	34	0	0	0	16	SE	1141					7	8		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

PEAK WIND: HR. FASTEST MILE | ASSOCIATED DIRECTION | TIME

TIME CHECK - CLOCK AT: 1000PST ⊕ 0 Sec./ 1949PST ⊕ 0 Sec./ ± Sec.

0356 & 1758 12HC MIN TMP 34 38 33

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 DEC 6

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERIES INITIALS (15)
SA	0052	80 SCT E140 BKN	20			258	46	32	11	07		031	103 1570	WRC
SA	0152	80 SCT E140 BKN	20			259	46	29	12	06		032		WRC
SA	0252	80 SCT E140 BKN	20			260	46	30	10	10		032		WRC
SA	0355	70 SCT E140 OVC	20		263	~~272~~	46	30	07	09		033	205 157/ 4V RADAT 69086	SEA
SA	0452	70 SCT E140 OVC	20			264	46	27	10	10		032		SEA
SA	0548	70 SCT E140 OVC	20			268	45	27	11	13	G16	034		SEA
SA	0651	E140 BKN 250 OVC	20			273	45	26	08	08		035	305 1078	SEA
SA	0753	E120 BKN 250 OVC	20			278	46	25	11	12		037		SEA
SA	0851	120 SCT E250 OVC	20			288	47	25	11	09		039	OVC PTLY THN	SEA
SA	0950	E100 OVC	20			288	48	24	11	13	G18	039	114 107/ 4X0	SEA
SA	1052	E100 BKN 150 BKN 250 OVC	20			280	49	25	12	13		038	BINOVC SW	SEA
SA	1151	100 SCT E150 BKN 250 BKN	20			272	52	24	11	10		036		SEA
SA	1255	100 SCT 150 SCT 250-BKN	20			258	55	23	13	07		033	820 1071	SEA
SA	1353	100 SCT 150 SCT 250-SCT	20			255	56	24	11	11	G16	031		SEA
SA	1450	250 SCT	20			250	55	24	12	11		030	FEW SC/AC	SEA
SA	1552	120 SCT 300-SCT	20			247	55	25	10	12	G20	028	710 1079 58 RADAT 25103	WRC
SA	1652	CLR	20			249	51	24	09	09		028	FEW SC/CI N	WRC
SA	1752	CLR	20			260	47	26	11	10		031		WRC
SA	1852	CLR	20			261	46	25	10	10		031	107	WRC
SA	1952	CLR	20			264	45	26	07	09		032	FEW AC S	WRC
SA	2052	160-SCT	20			264	44	24	04	07		032		WRC
SA	2152	240-BKN	20			268	43	23	02	11		033	207 1008 58	WRC
SA	2252	240-OVC	20			265	41	25	03	09		032		WRC
SA	2352	240-OVC	20			257	45	21	03	10		031		WRC

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

FM12-VII: Iiiii $i_R i_X h$VV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ $8N_hC_LC_MC_H$

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

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1984 DEC 6

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.870	46.3	39.9	58	9	3	SC	60	6	AC	E140	9								8	1	.010			00-01
01 52	26.880	46.4	38.7	50	8															6					01-02
02 52	26.880	46.2	38.9	52	8															6					02-03
03 55	26.885	45.8	38.7	53	10	2	SC	70	10	AC	E140	10								10	2	.015			03-04
04 52	26.880	45.9	38.0	48	10															10					04-05
05 48	26.890	44.9	37.3	49	10															10					05-06
06 51	26.900	45.3	37.2	46	10	8	AC	E140	5	CS	250	10								10	3	.015			06-07
07 53	26.920	46.3	37.5	43	10															10					07-08
08 51	26.940	47.1	38.0	42	10															8					08-09
09 50	26.940	47.9	38.0	39	10	10	AC	E100												10	1	.040			09-10
10 52	26.930	49.0	38.9	39	10															10					10-11
11 51	26.910	51.9	40.1	33	7															4					11-12
12 55	26.880	55.0	41.5	29	7	1	AC	100	1	AC	150	2	6	CI	250	7				2	8	.060			12-13
13 53	26.870	56.0	42.1	28	5															2					13-14
14 50	26.860	55.3	41.9	30	2															2					14-15
15 52	26.850	54.8	41.7	31	3	1	AC	120	2	CC	300	3								1	7	.030			15-16
16 52	26.850	51.3	39.9	34	0															0					16-17
17 52	26.870	46.6	37.9	44	0															0					17-18
18 52	26.870	45.4	37.3	44	0															0	1	.020			18-19
19 52	26.880	44.9	37.0	47	0															0					19-20
20 52	26.880	43.8	35.4	45	1															0					20-21
21 52	26.890	43.2	35.3	45	7	7	CS	280												3	2	.020			21-22
22 52	26.880	41.1	34.6	52	10															4					22-23
23 52	26.870	44.8	35.4	38	10															4					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350		0	0		46	43										
	0350	1	0	0	0	46	40		0								
	0946	2	0	0	0	48	44		0								
	1548	3	0	0	0	54	48		0								
	2148	4	0	0	0	55	42		0								
	MID.		0	0	0	45	40										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0949	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.865	26.840	26.850	26.880
BAROGRAPH 64	26.860	26.825	26.840	26.865
BAR. CORR. 65	+.005	+.015	+.010	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
58	40	0	0	0	23	E	1503					7	7		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0904PST ⊕ 0Sec./ 1847PST ⊕ 0Sec./ ± Sec.

0355P/MIN TEMP 40/2358P 0950P/MIN TEMP 40/2359P

0355 B 0355

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 DEC 7

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0052	280 -OVC	20			252	43	23	08	05		029	710 1007	WRG
SA	0152	280 -OVC	20			248	42	21	04	11		026		WRG
SA	0252	280 - OVC	20			244	41	24	03	07		027		WRG
SA	0352	150 SCT 200 - OVC	20			242	40	24	29	03		027	710 1077 40 RADAT 46105	SEA
SA	0453	150 SCT E200 OVC	20			245	41	24	06	04		027		SEA
SA	0552	150 SCT E200 OVC	20			247	41	25	09	03		027	OVC PTLY THN	SEA
SA	0654	150 SCT E200 OVC	20			252	40	25	12	06		028	303 ~~177~~ 1077	SEA
SA	0753	E200 OVC	20			251	42	25	09	04		028		SEA
SA	0854	E200 OVC	20			248	49	21	10	10		028	OVC PTLY THN	SEA
SA	0948	E200 BKN	20			247	50	22	12	05		028	400 1002 39	SEA
SA	1054	250-BKN	20			240	52	22	03	03		026		SEA
SA	1152	160 SCT 250-BKN	20			217	55	24	36	05		020		SEA
SA	1252	E160 BKN 250 OVC	20			210	55	25	13	09		018	730 1072	SEA
SA	1353	160 SCT E250 OVC	20			196	55	22	12	14	G18	014	OVC PTLY THN	SEA
SA	1450	160 SCT E200 OVC	20			196	55	24	12	13		014		SEA
SA	1552	160 SCT E230 OVC	20			193	54	24	12	09		012	61~~4~~7 1037 57 RAOBT20111	WRG
SA	1652	140 SCT E230 OVC	20			191	50	27	14	12		011		WRG
SA	1752	140 SCT E230 OVC	20			193	48	28	06	05		011		WRG
SA	1852	140 SCT E230 OVC	20			197	46	30	12	09		012	500 1077	WRG
SA	1952	140 SCT E230 OVC	20			193	46	27	11	06		011		WRG
SA	2050	E140 BKN 230 OVC	20			185	46	29	05	07		010		WRG
SA	2152	E120 BKN 200 OVC	20			179	49	25	09	04		008	710 1028 57	WRG
SA	2252	E120 BKN 200 OVC	20			171	48	27	15	11		006		WRG
SA	2352	120 SCT E200 OVC	20			166	47	26	03	05		005		WRG

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

FM12-VII: Iiiii $i_R i_x h$VV Nddff $1s_n$TTT $2s_n T_d T_d T_d$ $3P_o P_o P_o P_o$ 4PPPP 5appp 6RRRt_R 7ww$W_1 W_2$ $8N_h C_L C_M C_H$

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 DEC 7

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
0052	26.860	42.6	34.8	46	10	10	CS	280												4	7	.030			00-01
0152	26.850	42.0	34.0	43	10															5					01-02
0252	26.840	41.3	34.5	50	10															5					02-03
0352	26.830	40.3	34.0	53	10	2	AC	150	10	CS	200	10								3	7	.030			03-04
0453	26.830	41.0	34.3	51	10															7					04-05
0552	26.830	41.2	34.8	53	10															6					05-06
0654	26.840	40.0	34.0	55	10	3	AC	150	10	CS	E200	10								8	3	.010			06-07
0753	26.840	41.9	35.0	50	10															7					07-08
0854	26.840	48.6	37.7	34	10															6					08-09
0948	26.840	50.1	38.7	33	9	9	CI	E200												5	4	.000			09-10
1054	26.820	52.3	39.9	31	9															4					10-11
1152	26.770	55.1	41.8	30	7															2					11-12
1252	26.750	55.2	42.0	31	10	8	AC	E160	5	CI	E250	10								9	7	.090			12-13
1353	26.710	55.3	41.4	28	10															6					13-14
1450	26.710	54.8	41.5	30	10															10					14-15
1552	26.700	53.6	41.1	31	10	3	AC	160	7	CS	E230	10								10	6	.050 ~~.040~~			15-16
1652	26.690	49.7	39.9	41	10															10					16-17
1752	26.690	47.6	39.1	46	10															10					17-18
1852	26.700	46.4	39.0	52	10	4	AC	140	6	CS	E230	10								10	5	.000			18-19
1952	26.690	48.1	39.0	44	10															10					19-20
2050	26.680	45.7	38.3	51	10															10					20-21
2152	26.670	48.6	38.9	40	10	7	AS	E120	3	CS	200	10								10	7	.030			21-22
2252	26.650	47.8	38.9	44	10															10					22-23
2352	26.640	47.2	38.3	44	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348		0	0		45	40										
	0348	1	0	0	0	45	40		0								
	0944	2	0	0	0	50	39		0								
	1548	3	0	0	0	57	50		0								
	2144	4	0	0	0	54	45		0								
	MID.		0	0	0	50	46										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0946	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.830	26.840	26.700	26.670
BAROGRAPH 64	26.820	26.835	26.695	26.655
BAR. CORR. 65	+.010	+.005	+.005	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 86	24-HR. MIN. TEMP. (°F) 87	24-HR. PRECIP. WATER EQUIV. (Ins.) 88	24-HR. SNOWFALL UNML TD (Ins.) 89	4AM SNOW DEPTH (Ins.) 90	PEAK WIND SPEED (Kts.) 91	PEAK WIND DIRECTION 92	PEAK WIND TIME (L.S.T.) 93	THICKNESS OF ICE ON WATER (Ins.) 94	FROZEN GROUND LAYER (Ins.) TOP 95	FROZEN GROUND LAYER (Ins.) BASE 96	RIVER GAGE 97	SKY COVER SUNRISE TO SUNSET 98	SKY COVER MIDNIGHT TO MIDNIGHT 99	WATER EQUIV. (Ins.) 80	81
57	39	0	0	0	20	SE	1424					10	10		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK-CLOCK AT: 0957PST ⊕ 0Sec./ 2202PST ⊕ 0Sec./ ± Sec.

0654 8 0653

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 DEC 8

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (15)
SA	0052	60SCT E120BKN 200OVC	20			163	46	30	02	03		004	714 1528	WRG
SA	0152	80SCT E120 BKN 200OVC	20			163	46	31	07	07		004		WRG
SA	0250	80SCT E120 OVC	20			159	47	29	14	05		003		WRG
SA	0355	E60 OVC	20		R-	151	47	29	15	07		002	*15// *81000 45 RADAT 69104	SEA
/	/											/	†RB45 (CUR 1251)	/
SA	0456	E60 OVC	20		R-	167	44	39	27	04		005		SEA
SA	0553	E60 OVC	20		R-	179	42	40	21	03		008	RPN VRY LGT	SEA
SA	0654	12SCT E60BKN120OVC	20		R-	178	41	40	07	03		007	RDGS OBSCD SE-S/01703 152/	SEA
SA	0752	12SCT E60BKN 120OVC	20			185	42	41	05	04		009	RDGS OBSCD N-NE BINOVC SW	SEA
/	/											/	RE 42	/
SA	0849	12 SCT 60SCT E120 OVC	20			193	44	41	12	03		011		SEA
SA	0954	20SCT E50BKN 120 OVC	20			193	45	41	07	02		012	11706 152/41	SEA
SA	1049	20SCT E50 OVC	20			193	46	41	25	07		012		SEA
SP	1119	E22BKN 50BKN 1200VC	20						29	05		012		SEA
SA	1154	E22BKN 500VC	20			193	47	40	26	07		012		SEA
SP	1231	E30BKN 500VC	20						25	06		012	FEW CUFRA OBSCRNG MTNS SE	SEA
/	/											/	CIG LFTG SLOLY	/
SA	1255	E32BKN 50BKN 1200VC	20			193	48	40	22	07		012	FEW CUFRA OBSCRNG MTNS SE/	SEA
/	/											/	400 152/	/
SA	1354	E35BKN 120OVC	20			193	48	41	25	06		012	SVRL SML BINOVC SE-SW	SEA
SA	1451	E35 BKN 120 BKN	20			192	50	41	27	05		012		SEA
SA	1552	E35BKN	20			200	49	41	24	08		014	307 1500 53 RADAT 98070	WRG
SA	1652	E35BKN	20			211	46	40	00	00		016		WRG
SA	1752	E35BKN	20			216	47	41	14	04		017		WRG
SA	1852	E35 BKN	20			226	46	42	12	04		020	319 1500	WRG
SA	1952	35SCT 80SCT	20			233	43	41	03	04		022		WRG
SA	2052	E60BKN	20			236	44	42	36	03		023		WRG
SA	2152	E40OVC	20			243	44	41	35	06		025	215 15// 53	WRG
SA	2252	E40OVC	20			246	44	42	00	00		026		WRG
SA	2352	E40OVC	20			248	45	41	15	04		027		

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 DEC 8

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3 HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26630	46.0	38.8	53	10	3	SC	80	4	AS	E120	7	3	CS	200	10				10	7	.040			00-01
01 52	26630	45.6	39.0	56	10															10					01-02
02 50	26620	46.8	39.0	50	10															10					02-03
03 55	26.600	46.8	39.0	50	10	10	SC	E60												10	8	.030			03-04
04 56	26.630	43.5	41.2	83	10															10					04-05
05 53	26.655	41.6	40.7	93	10															10					05-06
06 54	26.650	41.1	40.6	96	10	1	CUFRA	12	8	SC	E60	8	10	NS	120	10				10	0	.050			06-07
07 52	26.670	42.3	41.7	96	10															10					07-08
08 49	26.690	44.2	42.7	89	10															10					08-09
09 54	26.700	45.3	42.9	83	10	2	CUFRA	20	9	SC	E50	9	10	AS	120	10				10	1	.050			09-10
10 49	26.700	46.0	43.7	84	10															10					10-11
11 54	26.700	47.0	43.5	77	10															10					11-12
12 55	26.700	47.6	43.9	74	10	0	CUFRA	15	7	SC	E32	7	0	SC	50	7	10	AS	120	10	4	.000			12-13
13 54	26.700	48.0	44.2	75	10															9					13-14
14 51	26.700	50.4	45.7	71	9															7					14-15
15 52	26.720	49.0	44.7	72	6	6	SC	E35												6	3	.020			15-16
16 52	26.740	48.2	44.1	73	6															6					16-17
17 52	26.750	47.3	44.2	79	6															6					17-18
18 52	26.775	46.0	43.9	86	6	6	SC	E35												6	3	.055			18-19
19 52	26.790	43.2	42.1	93	5															5					19-20
20 52	26.800	43.9	42.8	92	8															8					20-21
21 52	26.820	44.4	42.7	88	10	10	SC	E40												10	2	.045			21-22
22 52	26.830	44.0	42.9	92	10															10					22-23
23 52	26.840	44.4	42.9	86	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348		T	0		47	45										
	0348	1	T	0	0	59	45		1								
	0948	2	.06	0	0	47	41		1								
	1546	3	0	0	0	53	45		1								
	2148	4	0	0	0	49	41		0								
	MID.		0	0	0	45	43										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0953	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.600	26.700	26.720	26.820
BAROGRAPH 64	26.590	26.690	26.715	26.805
BAR. CORR. 65	+.010	+.010	+.005	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
53	41	.06	0	0	11	W	1227					10	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
R-	0345	0742			

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: 1003PST ± 0 Sec./ 2214PST ± 0 Sec./ ± Sec.

0355P/0651P

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 DEC 9

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0052	E 50 OVC	20			245	44	41	00	00		026	003 15//	WRC
SA	0152	50 SCT E 120 BKN	20			241	43	40	33	03		025		WRC
SA	0252	50 SCT E 120 BKN	20			237	41	39	06	04		024		WRC
SA	0355	40 SCT	20			238	40	39	11	07		025	607 1100 39 20006 RADAT	SEA
/	/											/	PRL 667082 120	/
SA	0452	10 SCT 40 SCT	~~20~~ 10			250	41	40	12	05		028		SEA
SA	0552	E40 BKN	10			252	43	41	18	02		029		SEA
SA	0653	E40 OVC	10			255	41	40	29	04		029	FBANK ALNG MTNS SE-S /	SEA
/	/											/	114 15//	/
SA	0750	E50 OVC	10			260	41	41	04	04		031	DNS F BANK IN VLY SE AND ALNG	SEA
/	/											/	MTNS SE-S	/
SA	0853	E50 BKN 250 OVC	20			258	44	41	30	04		030	FEW STFRA DNS F BANK IN	SEA
/	/											/	VLY AND ALNG MTNS SE	/
SA	0952	E60 BKN 250 OVC	20			258	46	42	10	10		030	DNS F BANK ALNG MTNS	SEA
/	/				/	AND	IN	VLY	E-SE-S	DRFTG	W	FEW STFRA / 003 1562 39		/
SA	1051	20 SCT E50 BKN 120 BKN 250 OVC	20			248	46	42	11	10		028		SEA
SA	1151	25 SCT E40 BKN 250 OVC	20			235	49	40	12	07		025		SEA
SA	1253	E40 BKN 250 OVC	20			223	50	~~44~~ 40	13	07		021	727 1508	SEA
SA	1353	E40 BKN 250 OVC	20			220	51	36	08	02		020		SEA
SA	1450	E40 BKN 250 OVC	20			218	51	36	10	03		019		SEA
SA	1550	E40 BKN 300 OVC	20			219	50	40	11	07		018	607 1508 52 RADAT [illegible]	WRC
SA	1652	E40 BRN 300 OVC	20			220	48	40	13	05		018		WRC
SA	1752	40 SCT 300 - BKN	20			216	47	41	10	04		017		WRC
SA	1852	50 SCT 300 - ~~BKN~~ OVC	20			216	45	40	09	06		017	603 1507	WRC
SA	1952	80 SCT 300 - OVC	20			219	42	38	03	06		017		WRC
SA	2050	80 SCT 250 - OVC	20			219	42	38	36	04		017		WRC
SA	2152	80 SCT 250 - OVC	20			213	43	39	10	06		016	803 1507 52	WRC
SA	2252	160 SCT 250 - BKN	20			217	39	37	05	05		017	FEW SC W	WRC
SA	2352	160 SCT	20			212	36	34	00	00		015		WRC

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_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 DEC 9

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	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	SUM-MA-TION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUM-MA-TION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3 HR. PRESSURE CHANGE (Ins.) 38	SUN-SHINE (Min.) 39	PRECI-PITATION (Ins.) 40	HR.
00 52	26.830	44.0	42.3	88	10	10	SC	E50												10	0	.010			00-01
01 52	26.820	42.4	41.3	89	8															6					01-02
02 52	26.810	41.2	40.0	91	6															6					02-03
03 55	26.810	40.4	39.7	95	2	2	CU	40												2	6	.020			03-04
04 52	26.840	40.8	40.4	97	3															3					04-05
05 52	26.845	42.5	41.6	93	9															9					05-06
06 53	26.850	41.4	40.8	95	10	0	CUFRA	10	10	SC	E40	10								10	1	.040			06-07
07 50	26.865	41.3	41.0	98	10															10					07-08
08 53	26.860	43.6	42.5	92	10															6					08-09
09 52	26.860	46.0	44.0	86	10	0	CIFRA	12	7	SC	E60	7	5	CI	250	10				10	0	.010			09-10
10 51	26.840	48.5	45.0	77	10															7					10-11
11 51	26.810	49.2	44.2	71	10															8					11-12
12 53	26.780	50.0	44.8	68	10	9	SC	E40	3	CS	250	10								10	7	.080			12-13
13 53	26.770	51.0	43.8	57	10															10					13-14
14 50	26.760	50.9	43.7	57	10															9					14-15
15 50	26.760	50.3	44.9	67	10	8	SC	E40	2	CS	300	10								9	6	.020			15-16
16 52	26.760	48.0	43.8	73	10															8					16-17
17 52	26.750	47.2	43.8	78	9															4					17-18
18 52	26.750	45.3	42.5	81	10	3	SC	50	10	CS	300	10								4	6	.010			18-19
19 52	26.750	41.6	39.8	87	10															5					19-20
20 50	26.750	41.5	40.0	89	10															4					20-21
21 52	26.740	42.7	40.9	87	10	2	SC	80	10	CS	250	10								4	8	.010			21-22
22 52	26.750	39.2	36.0	91	8															4					22-23
23 52	26.730	36.0	35.2	93	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 0349		0	0		45	39										
	0349	1	0	0	0	45	39		0								
	0947	2	0	0	0	46	40		0								
	1546	3	0	0	0	52	46		0								
	2146	4	0	0	0	51	40		0								
	MID.		0	0	0	43	36										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0951	1546	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.810	26.860	26.760	26.740
BAROGRAPH 64	26.860	26.860	26.760	26.740
BAR. CORR. 65	+.010	±0	±0.0	±0.0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	4A01 SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
52	36	0	0	0	12	E	1056					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: 0920 PST (±) 0 Sec./ 1850 PST (±) 0 Sec./ ± Sec.

0452 & 0451
1253 & 1251
1857/1852

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 DEC 10

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mb.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. INSTRUMENTS (15)
SA	0052	160 SCT	20			199	36	34	06	05		012	8 .4 1030	WRG
SA	0152	160 SCT 250 -BKN	20			193	37	35	30	04		011		WRG
SA	0250	160 SCT 250 -OVC	20			189	37	35	02	04		010		WRG
SA	0352	40 SCT E200 OVC	20			178	40	37	15	03		007	MOON ONLY VSBL / 817 1507	SEA
/	/											/	35 RADAT 3BM091095094	/
SA	0451	40 SCT 120 SCT E2000VC	20			172	38	36	03	05		005	DNS F BANK ALNG MTNS SE-S	SEA
SA	0551	40 SCT 120 SCT E200 OVC	20			160	39	37	11	02		002	DNS F BANK ALNG MTNS SE-S	SEA
/	/											/	MOON ONLY VSBL	/
SA	0651	12 SCT 50 SCT E200 OVC	20			170	38	37	04	03		004	DNS F BANK ALNG MTNS SE-S	SEA
/	/											/	510 1507	/
SA	0748	12 SCT E40 BKN 200 OVC	20			175	39	38	00	00		005	DNS F BANK ALNG MTNS SE-S	SEA
SA	0849	E35 BKN 200 OVC	20			174	43	40	28	03		005	FEW STRTA	SEA
SA	0954	15 SCT E35 BKN 200 OVC	20			168	43	41	33	03		004	000 1507 35	SEA
SA	1057	15 SCT 40 SCT E150 BKN 200 OVC	20			161	45	41	06	05		002		SEA
SA	1150	15 SCT 40 SCT E200 OVC	20			147	47	40	00	00		997	BINOVC W	SEA
SA	1251	15 SCT 40 SCT 150 SCT E200 BKN	20			133	50	41	11	09		994	730 1578	SEA
SA	1353	25 SCT 40 SCT E150 BKN 200 OVC	20			125	49	41	13	12	G17	992	OVC PTCY THN	SEA
SA	1450	25 SCT E40 BKN 200 OVC	20			122	48	40	13	11	R17	991	OVC PTCY THN	SEA
SA	1557	25 SCT 40 SCT E150 BKN 200 OVC	20			112	48	41	12	14		989	717 1577 51 RADAT 94077	CRD
SA	1656	25 SCT E40 BKN 200 OVC	20			117	46	40	12	12		989		CRD
SA	1750	25 SCT E40 BKN 200 BKN	20			116	45	41	12	10		989		CRD
SA	1851	40 SCT E250 BKN	20			116	44	40	04	03		989	400 1508	CRD
SA	1957	40 SCT E250 OVC	20			109	44	40	14	10		985		CRD
SA	2052	40 SCT E250 OVC	20		R-	111	44	41	12	07		989	RB32	CRD
SA	2155	40 SCT E250 OVC	20			115	43	38	27	04		989	RE15 / 50000 1507 51	CRD
SA	2252	E35 BKN 250 OVC	20		RW-	113	42	40	05	03		989	RB02	CRD
SA	2351	E35 OVC	20			105	42	41	13	04		985	RE11	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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$

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

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1984 DEC 10

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.700	36.2	35.1	91	1	1	AC	160												1	8	.070			00-01
01 52	26.690	37.0	36.0	92	6															4					01-02
02 50	26.680	37.3	36.1	91	10															5					02-03
03 52	26.650	38.8	38.3	88	10	1	SC	40	10	CS	E200	10								10	8	.050			03-04
04 51	26.630	38.0	37.2	93	10															10					04-05
05 51	26.600	38.5	37.9	95	10															10					05-06
06 51	26.620	38.2	37.6	95	10	1	SCFRA	12	5	SC	50	5	10	CS	E200	10				10	5	.030			06-07
07 48	26.630	39.3	38.9	97	10															10					07-08
08 49	26.630	42.6	41.5	92	10															10					08-09
09 54	26.620	43.1	41.8	90	10	1	SCFRA	15	7	SC	E35	7	10	CS	200	10				10	0	.060			09-10
10 51	26.600	45.3	43.0	84	10															10					10-11
11 50	26.560	47.1	43.5	76	10															8					11-12
12 51	26.530	49.9	45.1	70	9	1	CUFRA	15	1	SC	40	2	0	AC	150	2	9	CS	E200	6	7	.090			12-13
13 53	26.510	49.0	45.0	74	10															6					13-14
14 50	26.500	48.3	44.1	73	10															7					14-15
15 57	26.480	47.7	44.3	78	10	1	SC	25	3	SC	40	4	2	AC	E150	6	4	CS	200	7	7	.050			15-16
16 56	26.480	46.0	43.2	80	10															7					16-17
17 50	26.480	45.2	43.0	84	8															6					17-18
18 51	26.480	43.8	41.8	86	7	4	SC	40	3	CS	E250	7								9	4	.000			18-19
19 57	26.460	43.6	42.0	88	10															7					19-20
20 52	26.475	43.7	42.5	91	10															8					20-21
21 55	26.480	42.7	40.6	84	10	2	SC	40	8	CS	E250	10								6	5	.000			21-22
22 52	26.480	42.0	41.2	94	10															10					22-23
23 51	26.460	42.3	41.9	97	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345		0	0		40	35										
	0345	1	0	0	0	43	35		0								
	0949	2	0	0	0	43	36		0								
	1552	3	0	0	0	51	43		0								
	2153	*	T	0	0	48	41		1								
	MID.		T	0	0	43	41										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0953	1554	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.650	26.660	26.480	26.480
BAROGRAPH 64	26.640	26.660	26.470	26.460
BAR. CORR. 65	+.010	+.020	+.010	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	4 AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
51	35	T	0	0	18	NE	1420					10	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
R-	2032	2115			
RW-	2202	2311			

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: 0905P ± 0 Sec./ 1820P ± 0 Sec./ ± Sec.

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: 11 DEC 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. INSPECTOR INITIALS (15)
SA	0055	E35 OVC	20			098	43	43	16	04		984	81000 15//	CRD
SA	0153	E35 OVC	20			097	44	42	12	07		984		CRD
SA	0250	35 SCT E50 BKN 250 BKN	20			100	43	41	13	07		984		CRD
SA	0355	35 SCT 90 SCT 250 SCT	20			099	41	40	06	04		984	80200 1531 41 RADAT 98070	JD
SA	0454	35 SCT	20			104	39	38	07	04		984		JD
SA	0552	35 SCT 90 SCT	20			111	40	39	11	07		986		JD
SP	0645	E25 BKN 35 OVC	15			115	40	40	08	05		987	FEW STFRA	JD
SA	0659	E25 BKN 35 OVC	10			115	42	40	02	02		987	FEW STFRA BINOVC VSB	/
													SE2/312 15//	JD
SP	0725	25 SCT E35 BKN	15						36	03		987	FEW STFRA	JD
SA	0755	25 SCT E35 BKN	10			114	43	41	11	07		987	FEW STFRA VSBY SE 2	JD
SP	0803	E25 BKN 35 OVC	10						11	06		987	FEW STFRA VSBY SE 2	JD
SP	0820	M16 OVC	15						12	07		988	FEW STFRA	JD
SA	0853	M13 OVC	10			115	45	42	10	07		988	FEW STFRA BINOVC	JD
SP	0954	M11 OVC	15			118	47	42	11	04		989	FEW STFRA HIR CLDS	/
													VSB N/205 15// 38	JD
SA	1053	M13 BKN 250 OVC	15			108	48	42	15	07		986	FEW STFRA	JD
SA	1155	M15 BKN 80 BKN 250 OVC	20			106	49	42	20	03		986	FEW STFRA	JD
SP	1215	15 SCT E35 BKN 250 OVC	20						23	09		985	FEW STFRA	JD
SA	1253	15 SCT 35 SCT E250 OVC	20			096	52	39	24	10		984	815 1809	JD
SA	1355	17 SCT 40 SCT E250 OVC	20			089	52	38	24	10		982		JD
SA	1453	25 SCT 40 SCT 250-BKN	20			090	51	38	25	10		982		JD
SA	1551	25 SCT E250 OVC	20			093	50	39	24	08		982	607 1202 53 RADAT 94070	CRD
SA	1654	25 SCT E250 OVC	20			094	48	39	23	07		982		CRD
SA	1750	25 SCT E250 OVC	20			105	47	38	27	07		985		CRD
SA	1852	30 SCT 250 SCT	20			106	45	38	13	05		985	110 1101	CRD
SA	1957	250 SCT	20			111	40	37	04	06		986		CRD
SA	2056	250 SCT	20			113	38	37	04	05		986		CRD
SA	2153	90 SCT E250 OVC	20			111	39	36	01	05		986	103 1572 53	CRD
SA	2255	E250 BKN	20			110	38	37	01	07		986		CRD
SA	2352	250 SCT	20			110	40	38	33	08		986		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 5oppp 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: **11 DEC 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 55	26.450	43.3	42.9	97	10	10	Sc	E35												10	8	.030			00-01
01 53	26.450	43.8	43.0	94	10															10					01-02
02 50	26.450	43.4	42.4	93	8															8					02-03
03 55	26.445	41.2	40.5	94	1	1	Sc	35	0	Ac	90	1	0	Ci	250	1				1	8	.005			03-04
04 54	26.450	39.0	38.6	97	5															5					04-05
05 52	26.470	40.4	39.8	95	4															4					05-06
06 59	26.480	41.5	40.9	95	10	0	STFRA	8	8	Sc	E25	8	2	Sc	35	10				10	3	.035			06-07
07 55	26.480	42.6	41.9	95	9															9					07-08
08 53	26.485	44.7	43.2	89	10															10					08-09
09 54	26.495	47.0	44.6	84	10	0	STFRA	8	10	Sc	M11	10								10	2	.015			09-10
10 53	26.470	47.7	44.9	81	10															10					10-11
11 55	26.465	48.9	45.4	77	10															10					11-12
12 53	26.450	51.5	45.2	62	10	2	Cu	15	0	Sc	35	2	8	Cc	E250	10				8	8	.045			12-13
13 55	26.430	52.2	45.2	59	10															6					13-14
14 53	26.430	51.1	44.7	62	8															3					14-15
15 51	26.430	50.2	44.6	66	10	2	Cu	25	8	Ci	E250	10								7	6	.020			15-16
16 54	26.430	47.6	43.5	73	10															8					16-17
17 50	26.460	47.2	42.8	71	10															6					17-18
18 52	26.460	44.8	41.6	78	5	1	Sc	30	4	Ci	250	5								3	1	.030			18-19
19 57	26.470	40.4	38.9	88	3															3					19-20
20 56	26.470	38.3	37.7	95	3															3					20-21
21 53	26.470	38.8	37.7	91	10	0	Sc	30	1	Ac	90	1	9	Ci	E250	10				6	1	.010			21-22
22 55	26.470	38.0	37.3	94	8															5					22-23
23 52	26.470	39.5	38.8	94	5															4					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349		0	0		44	41										
	0349	1	T	0	0	44	41		1								
	0950	2	0	0	0	47	38		0								
	1549	3	0	0	0	53	46		0								
	2148	4	0	0	0	50	37		0								
	MID.		0	0	0	40	37										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0953	1550	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.445	26.445	26.430	26.470
BAROGRAPH 64	26.425	26.475	26.430	26.460
BAR. CORR. 65	+.020	+.020	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
53	37	0	0	0	14	W	1400					10	8		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0457P @ 1 Sec./ 1810P @ 1 Sec./ ± Sec.

0645P/0645P

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 DEC 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	0050	250 SCT	20			100	39	37	36	07		944	807 1071	GRD
SA	0156	250 SCT	20			101	38	37	36	07		944		GRD
SA	0250	160 SCT 250 SCT	20			095	40	38	25	02		943		GRD
SA	0353	160 SCT E250 BKN	20			094	39	37	03	06		982	807 1071 37 RAPAT 62087	JC
SA	0454	E160 OVC	20			090	40	38	34	06		981		JC
SA	0555	E160 OVC	20			090	40	38	36	04		981		JC
SA	0652	15SCT 160SCT 250-OVC	20			090	39	38	02	04		980	707 1671	JC
SA	0754	10SCT 250-SCT	20			085	41	39	34	04		979		JC
SP	0829	8SCT 250-BKN	20						12	02		978		JC
SA	0853	8SCT 250-BKN	20			083	42	40	25	02		978		JC
SA	0952	8SCT 250 SCT	20			066	46	38	24	07		973	820 1601 37	JC
SA	1053	8SCT 250 SCT	20			065	47	39	26	07		973		JC
SA	1124	11 SCT	20			035	49	39	24	04	6	966	PRESFR	JC
SP	1227	E12 BKN	20						26	10		965		JC
SA	1255	E14 BKN	20			025	48	38	21	07		962	834 1600	JC
SA	1353	E14 BKN	20			005	52	39	25	11	6	957		JC
SA	1450	E15 OVC	20			996	51	39	29	14	6	955	BINOVC, ALQDS	JC
SA	1555	E 15 OVC	20			000	48	38	30	08		955	624 1611 52 RADAT 62080	[illegible]
SA	1650	E 15 OVC	10		R-	010	47	38	34	12		958	RB38	[illegible]
SA	1757	E 15 OVC	7		R-	030	38	36	02	16	6	962		[illegible]
SA	1854	E15 OVC	10			044	38	35	07	07		966	RE23 1 23406 1711	[illegible]
SA	1959	E15 BKN	10			042	38	34	03	20	6	966		[illegible]
SP	2048	15 SCT	10						02	21	6	968		[illegible]
SA	2058	15 SCT	10			050	38	19	02	21	6	969		[illegible]
SA	2159	20 SCT	10			049	36	17	01	18	6	968	30706 16 0052	[illegible]
SA	2258	20 SCT	10			047	37	18	01	23	6	968		[illegible]
SA	2356	20 SCT	20			039	36	16	04	16	6	966		[illegible]

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: **W5MO, DESERT ROCK NEVADA**

DATE: 12 DEC 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 50	26.430	38.8	38.0	93	4	0	Ac	90	4	Ci	250	4								3	8	.020			00-01
01 56	26.450	38.2	37.5	94	5															4					01-02
02 50	26.440	40.1	39.1	92	5															4					02-03
03 53	26.430	38.5	38.0	96	6	4	Ac	160	2	Ci	250	6								4	8	.020			03-04
04 54	26.420	39.9	39.0	93	10															10					04-05
05 55	26.420	40.0	39.2	94	10															10					05-06
06 52	26.410	38.8	38.2	95	10	1	STRA	15	1	Ac	160	2	10	Ci	250	10				2	7	.020			06-07
07 54	26.400	40.5	39.7	94	5															1					07-08
08 53	26.390	42.0	40.8	91	6															1					08-09
09 52	26.350	45.5	41.9	75	3	2	STRA	8	1	Ci	250	3								2	8	.060			09-10
10 53	26.350	46.9	43.1	74	2															2					10-11
11 54	26.280	49.4	44.2	67	5															5					11-12
12 55	26.250	48.2	43.2	68	9	9	STRA	1.7/4												9	8	.100			12-13
13 53	26.200	51.7	45.1	61	9															9					13-14
14 50	26.180	51.0	44.8	63	10															10					14-15
15 55	26.180	47.7	42.8	68	10	10	STRA	1.5												10	6	.070			15-16
16 50	26.205	46.5	42.5	73	10															10					16-17
17 57	26.245	38.0	37.0	91	10															10					17-18
18 59	26.280	38.4	36.7	86	10	10	CUFRA	1.5												10	2	.100			18-19
19 59	26.280	38.0	36.4	87	8															8					19-20
20 58	26.305	38.3	34.4	46	2															2					20-21
21 59	26.300	37.5	30.5	43	4	4	STRA	2.0												4	3	.020			21-22
22 58	26.300	36.5	29.9	46	4															4					22-23
23 56	26.280	36.0	29.2	44	1															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 0350		0	0		40	37										
	0350	1	0	0	0	40	37		0								
	0949	2	0	0	0	46	38		0								
	1554	3	0	0	0	52	46		0								
	2158	4	.06	0	0	48	38		1								
	MID.		0	0	0	38	36										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0951	1555	2157
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.430	26.350	26.180	26.300
BAROGRAPH 64	26.405	26.330	26.170	26.280
BAR. CORR. 65	+.025	+.020	+.010	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
52	36	.06	0	0	34	NE	1954					7	7		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
R-	1638	1823			

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: 0948P ±0 Sec./ 1604P ±1 Sec./ ± Sec.

2159P Co/13 3/B 1600 2159P

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 **13 DEC 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
SA	0059	CLR	20			040	35	16	01	11	G22	966	FEW CU SE-S/1607 1100	[illegible]
SA	0159	CLR	20			036	35	16	36	15	G24	966	FEW CU S	[illegible]
SA	0253	CLR	20			032	35	14	01	26	G35	965	FEW CU S	[illegible]
SA	0353	CLR	20			028	35	15	04	23	G37	962	FEW CU S PK WND	JC
/													0432/58/810 1100 34	/
/													20006 RADAT 39048	/
SA	0455	CLR	20			036	34	14	03	17	G26	965	PK WND 0440/07	JC
SA	0551	CLR	20			050	35	13	03	18	G30	967	FEW SC SE	JC
SA	0652	CLR	20			044	34	11	02	18	G32	965	PK WND 0543/26/107	JC
/													1400	/
SA	0755	CLR	20			050	35	19	02	20	G32	967	PK WND 0337/38	JC
SA	0853	CLR	20			052	37	21	01	23	G33	968	PK WND 0334/07	JC
SA	0953	40 SCT	20			051	38	22	36	22	G31	968	PK WND 0337/34/110	JC
/													1400 33	—
SA	1055	CLR	20			040	40	20	03	24	G33	965	FEW SC SE PK WND 0436/38	JC
SA	1154	CLR	20			035	43	21	02	23	G32	963	FEW SC SE PK WND 0236/21	JC
SA	1253	50 SCT 250 SCT	20			036	43	18	01	24	G32	963	PK WND 0237/1955/614	JC
/													1401	/
SA	1354	60 SCT 100 SCT 250 SCT	20			039	43	24	02	20	G32	965	PK WND 0236/42	JC
SA	1450	60 SCT 100 SCT 250 SCT	20			047	43	19	02	23	G33	967	PK WND 0236/03	JC
SA	1558	60 SCT 100 SCT 250 SCT	20			063	40	16	02	24	G34	972	PK WND 0239/27/324	[illegible]
/													1572 RADAT 34054	/
SA	1657	60 SCT 100 SCT 250 SCT	20			072	39	21	03	24	G34	974	PK WND 0344/21	[illegible]
SA	1755	60 SCT 100 SCT	20			085	37	23	04	24	G32	977	PK WND 0436/27	[illegible]
SA	1859	60 SCT	20			097	36	23	03	24	G31	981	~~PK WND 03 227~~ 1500	[illegible]
SA	1950	60 SCT	20			110	35	20	04	21	G27	984		[illegible]
SA	2053	CLR	20			115	34	19	05	21	G27	986		[illegible]
SA	2156	CLR	20			115	34	12	03	20	G25	986	117 43	[illegible]
SA	2259	CLR	20			125	33	10	05	20	G27	989		[illegible]
SA	2358	CLR	20			125	32	11	05	17		989		[illegible]

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 DEC 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 59	26.280	35.0	28.5	46	0	0	Cu	60												0	6	.020			00-01
01 59	26.280	34.9	28.4	45	0															0					01-02
02 53	26.265	35.0	28.0	42	0															0					02-03
03 53	26.250	34.7	28.3	45	0	0	Cu	60												0	8	.030			03-04
04 55	26.270	34.0	27.7	44	0															0					04-05
05 51	26.270	34.7	27.8	41	0															0					05-06
06 52	26.270	33.7	26.8	39	0	0	Sc	60												0	1	.020			06-07
07 55	26.290	35.0	29.5	53	0															0					07-08
08 53	26.300	36.7	31.2	52	0															0					08-09
09 53	26.300	38.4	32.2	49	1	1	Sc	40												1	1	.030			09-10
10 56	26.270	40.4	32.7	43	0															0					10-11
11 54	26.260	43.0	34.5	41	0															0					11-12
12 53	26.260	43.4	34.1	36	1	1	Sc	50	0	Ci	250	1								1	6	.040			12-13
13 54	26.270	48.5	35.0	47	2															2					13-14
14 50	26.290	46.2	33.8	38	3															3					14-15
15 58	26.330	40.0	31.5	37	3	1	Sc	60	1	Ac	100	2	1	Ci	250	3				3	3	.070			15-16
16 57	26.350	38.7	32.0	48	3															3					16-17
17 55	26.380	37.4	32.0	56	2															2					17-18
18 59	26.440	36.0	31.0	59	2	2	Sc	60												2	2	.080			18-19
19 50	26.440	34.8	29.3	53	2															2					19-20
20 53	26.460	34.3	28.8	53	0															0					20-21
21 56	26.460	33.5	26.6	40	0															0	1	.050			21-22
22 59	26.485	33.2	26.0	37	0															0					22-23
23 58	26.490	32.2	25.6	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 0349		0	0		36	34										
	0349	1	0	0	0	38	34		0								
	0949	2	0	0	0	38	33		0								
	1557	3	0	0	0	43	38		0								
	2155	4	0	0	0	40	34		0								
	MID.		0	0	0	34	32										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0951	1558	2156
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.250	26.300	26.330	26.460
BAROGRAPH 64	26.230	26.300	26.315	26.445
BAR. CORR. 65	+.020	±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 UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
43	32	0	0	0	44	NE	1621					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: 0857P 00 Sec./ 1500P 00 Sec./ ± Sec.

1657P Col 13 S/B 0344/21 1657P
1859P Col 13 S/B NO PKWND ENTRY 1859P
1558P Col 13 12-HR MAX 43/0935P 12-20-84

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: **14 DEC 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 (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (14)
SA	0057	CLR	20			128	32	12	06	15		991	2H	
SA	0157	CLR	20			141	31	12	07	10		994		
SA	0250	CLR	20			143	31	12	06	18		994		
SA	0353	CLR	20			139	31	11	04	15 G23		992	007 30 RADAT ZERO	JC
SA	0454	CLR	20			156	30	10	06	11		997		JC
SA	0552	CLR	20			165	29	10	05	15 G20		999	FEW AC SE	JC
SA	0651	CLR	20			170	29	10	08	10		000	124 1070	JC
SA	0753	100 SCT	20			176	32	10	06	11		002	ACSL NE	JC
SA	0854	CLR	20			179	34	12	04	15 G21		003	ACSL NW	JC
SA	0953	CLR	20			183	36	20	03	13		004	ACSL W / 114 1040 29	JC
SA	1054	CLR	20			168	40	21	05	10		001	ACSL S	JC
SA	1155	CLR	20			156	42	13	13	14		998	ACSL N	JC
SA	1255	CLR	20			148	43	12	13	12		996	ACSL N AND W / 627	JC
/													/ 1040	/
SA	1351	CLR	20			140	45	18	07	11		993	ACSL NW	JC
SA	1452	CLR	20			143	45	19	11	10		994	ACSL N	JC
SA	1558	CLR	20			141	42	18	12	13		994	707 45 RADAT 33055	
SA	1659	CLR	20			151	39	19	10	10		996		
SA	1759	CLR	20			155	39	17	10	10		997		
SA	1859	CLR	20			158	36	22	06	10		997	110	
SA	1955	CLR	20			153	36	20	09	06		996		
SA	2059	CLR	20			151	33	16	04	11		996		
SA	2150	CLR	20			150	33	13	04	09		996	605 45	
SA	2259	CLR	20			141	33	14	06	11		994		
SA	2355	CLR	20			133	32	15	06	12		992		

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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 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 NEVADA**

DATE: **14 DEC 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 57	26.500	35.3	25.5	44	0															0	2	.010			00-01
01 59	26.530	31.4	25.4	45	0															0					01-02
02 50	26.535	30.9	25.0	45	0															0					02-03
03 53	26.520	30.6	25.0	44	0															0	0	.020			03-04
04 54	26.560	29.5	24.0	43	0															0					04-05
05 52	26.580	29.4	23.9	43	0															0					05-06
06 51	26.590	29.3	23.9	44	0	0	Ac	100												0	1	.020			06-07
07 53	26.610	32.0	25.5	39	1															1					07-08
08 54	26.620	33.9	27.0	39	0															0					08-09
09 53	26.630	35.9	30.2	52	0	0	Ac	100												0	1	.040			09-10
10 54	26.600	40.0	32.7	45	0															0					10-11
11 55	26.570	42.0	32.1	30	0															0					11-12
12 55	26.570	42.8	32.4	28	0	0	Ac	100												0	6	.080			12-13
13 51	26.530	44.6	34.6	34	0															0					13-14
14 52	26.540	44.7	34.9	35	0															0					14-15
15 58	26.530	42.3	33.4	37	0															0	7	.020			15-16
16 59	26.550	39.0	31.5	43	0															0					16-17
17 59	26.560	39.3	31.3	41	0															0					17-18
18 59	26.560	36.3	30.8	55	0															0	1	.030			18-19
19 55	26.550	35.5	29.7	52	0															0					19-20
20 59	26.545	33.0	27.3	50	0															0					20-21
21 50	26.545	33.3	26.8	43	0															0	6	.015			21-22
22 59	26.530	32.6	26.4	45	0															0					22-23
23 55	26.510	33.3	26.0	51	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	32	30	X	X						X		
	0350	1	0	0	0	34	30		0								
	0950	2	0	0	0	36	29		0								
	1557	3	0	0	0	45	36		0								
	2149	4	0	0	0	42	33		0								
	MID.	X	0	0	0	33	31	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0951	1558	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.520	26.630	26.530	26.545
BAROGRAPH 64	26.520	26.630	26.535	26.540
BAR. CORR. 65	±0	±0	-.005	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	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	29	0	0	0	24	NE	0239					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: 0836P 00 Sec. / 2300P 00 Sec. / ± Sec.

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 DEC 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 (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OPERATORS INITIALS (14)
SA	0059	CLR	20			138	28	17	33	06		993	508	
SA	0157	CLR	20			133	27	17	10	04		991		
SA	0250	CLR	20			126	27	17	12	05		989		
SA	0353	CLR	20			131	24	13	10	05		989	610 24 RADAT 43L036052	JC
SA	0452	CLR	20			128	25	13	13	04		988		JC
SA	0555	CLR	20			129	24	14	02	02		988		JC
SA	0654	~~CLR~~ 160-SCT	20			131	24	16	04	03		988	603 1050	JC
SA	0753	E140 BKN	20			128	29	17	35	04		988		JC
SA	0852	E120 OVC	20			131	33	18	30	04		989		JC
SA	0953	E120 OVC	20			133	34	20	25	04		990	307 107/24	JC
SA	1051	E120 BKN	20			120	38	18	03	05		987		JC
SA	1154	E120 BKN	20			102	44	18	12	12		982		JC
SA	1250	120 SCT	20			092	44	21	13	13		979	734 1070	JC
SA	1351	CLR	20			085	44	21	14	14		977	FEW Ac 5-5W	JC
SA	1450	CLR	20			078	43	22	12	12		974		JC
SA	1559	100 SCT	20			081	42	24	14	10		975	614 1070 44 RADAT 4D058	
SA	1659	E100 BKN	20			081	44	24	17	06		975		
SA	1759	E100 BKN	20			080	44	22	18	25	G34	975		
SA	1851	100 SCT	20			085	45	22	18	21	G30	976	302 1070* PKWND 1936/60	
SA	1959	100 SCT	20			070	42	24	19	23	G33	973	PKWND 1939/39	
SA	2059	100 SCT	20			068	45	23	20	20	G28	973	PKWND 2039/44	
SA	2159	E100 BKN	20			066	44	24	22	17	G29	973	610 1070 44	
SA	2255	E60 OVC	20			063	45	27	22	14		972		
SA	2355	E60 OVC	10		R-	056	40	29	21	21	G32	971	RB45	

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: 15 DEC 1984

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 59	26.520	28.3	24.6	63	0															0	5	.035			00-01
01 59	26.505	27.3	24.0	66	0															0					01-02
02 60	26.490	26.5	23.4	67	0															0					02-03
03 53	26.490	24.3	21.3	61	0															0	6	.030			03-04
04 52	26.480	24.7	21.5	60	0															0					04-05
05 55	26.480	24.0	21.3	64	0															0					05-06
06 54	26.480	24.0	21.8	70	5	5	Ac	160												2	6	.010			06-07
07 53	26.480	28.7	25.8	62	9															8					07-08
08 52	26.490	32.5	27.7	55	10															10					08-09
09 53	26.500	34.4	29.4	56	10	10	Ac	E120												10	3	.020			09-10
10 51	26.470	38.0	30.9	45	9															8					10-11
11 54	26.430	43.5	34.1	36	8															6					11-12
12 50	26.400	44.0	35.0	39	2	2	Ac	120												2	7	.100			12-13
13 51	26.380	44.4	35.3	39	0															0					13-14
14 50	26.360	43.4	34.9	41	0															0					14-15
15 59	26.360	41.5	34.4	48	3	3	Ac	100												2	6	.040			15-16
16 59	26.360	40.6	34.0	51	7															6					16-17
17 57	26.360	43.6	35.9	41	7															7					17-18
18 51	26.370	42.7	34.7	44	4	4	Ac	100												4	3	.00			18-19
19 59	26.370	42.4	35.0	47	4															3					19-20
20 59	26.370	42.8	35.0	45	4															4					20-21
21 59	26.370	43.5	35.5	45	7	7	Ac	E100												6	6	.030			21-22
22 55	26.330	43.0	36.2	52	10															8					22-23
23 55	26.320	40.0	35.5	66	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349		0	0		31	24										
	0349	1	0	0	0	33	24		0								
	0948	2	0	0	0	34	24		0								
	1558	3	0	0	0	44	34		0								
	2158	4	0	0	0	44	41		0								
	MID.		T	0	0	44	40										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0952	1559	2159
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.490	26.500	26.360	26.340
BAROGRAPH 64	26.485	26.495	26.360	26.325
BAR. CORR. 65	+.005	+.005	±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
44	24	T	0	0	39	5	2014*					6	5		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
R-	2345	Cont			

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: 0802P ⊘0 Sec./ 1944P ⊘0 Sec./ ± Sec.

0552P/0553P

1851P Cal 13 S/B PRW/NO FIRST 1851P

*LAST OF SEVERAL OCCURRENCES

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: 1984 DEC 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 (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS
SA	0059	E60 OVC	7		R-	059	36	33	20	18		971	50501 1021	[illegible]
SA	0159	20 SCT E60 OVC	7		R-	050	35	33	21	14		968		[illegible]
SA	0255	20 SCT E60 OVC	7		R-S-	043	35	33	19	21		966	SB31	[illegible]
SA	0358	20 SCT E30 OVC	7		R- 048	043	36	32	20	22		967	SE22 PKWND 1936/12	RD
—			—			—							61201 17// 32 2000 1	—
—			—			—						—	RADAT 89046	—
SA	0454	20 SCT E45 BKN	7			048	35	32	20	14 G27		967	RE17	RD
SA	0554	45 SCT	20			064	35	28	20	22		97[illegible]		RD
SA	0659	40 SCT	20			077	34	26	20	24		976	32700 1600	RD
SA	0751	40 SCT	20			089	35	25	21	13		979	MTN TOP OBSC S NW	RD
SA	0853	40 SCT	20			105	39	21	20	20		984	MTN TOP OBSC S NW	RD
SA	0951	CLR	20			116	40	22	21	19		988	23701 1100 32	RD
SA	1052	CLR	20			119	41	19	21	12		989	CU S NW	RD
SA	1156	CLR	20			124	42	22	24	13		990	TCU NW	RD
SA	1253	50 SCT	20			130	43	21	23	09		992	SCU NW 210 1200	RD
SA	1350	50 SCT	20		139	134	40	19	21	04		993	RWU NW NE	RD
SA	1451	E50 BKN	20			144	40	20	16	03		994		RD
SA	1550	E50 BKN	20		157	152	38	23	32	09		997	SWU W/320 1400	[illegible]
—	—												44 RADAT 48048	—
SA	1653	50 SCT	20			165	36	24	04	04		999		[illegible]
SA	1753	50 SCT	20			171	33	23	03	08		001		[illegible]
SA	1855	CLR	20			180	32	23	11	04		003	217	[illegible]
SA	1950	CLR	20			181	30	22	15	03		003		[illegible]
SA	2052	CLR	20			185	27	20	32	05		004		[illegible]
SA	2150	CLR	20			193	26	20	06	03		006	310 44	[illegible]
SA	2252	CLR	20			201	24	18	07	04		008		[illegible]
SA	2350	CLR	20			195	26	17	36	02		007		[illegible]

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: 16 DEC 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	59	26.325	36.0	34.7	89	10	10	NS	E60											10	5	.015			00-01
01	59	26.300	36.5	34.0	95	10														10					01-02
02	55	26.280	35.0	34.0	97	10														10					02-03
03	54	26.295	35.8	34.2	86	10	3	STRA	20	7	NS	E30	10							10	6	.035			03-04
04	54	26.290	35.2	33.8	88	8														8					04-05
05	54	26.330	34.7	32.0	77	4														4					05-06
06	59	26.370	34.2	31.0	72	2	2	ST	40											2	3	.080			06-07
07	51	26.400	35.4	31.2	64	2														2					07-08
08	53	26.450	38.9	32.0	48	2														2					08-09
09	51	26.480	39.7	32.8	48	0	0	CU	40											0	2	.110			09-10
10	52	26.490	41.3	33.3	42	0														0					10-11
11	56	26.500	41.8	34.0	45	0														0					11-12
12	53	26.510	43.0	34.4	41	3	3	CU	50											3	2	.030			12-13
13	50	26.525	40.1	32.4	43	5														5					13-14
14	51	26.540	40.1	32.6	44	6														6					14-15
15	50	26.570	38.3	32.4	54	6	6	SC	E50											6	3	.060			15-16
16	53	26.590	36.4	31.6	61	4														4					16-17
17	53	26.600	32.9	29.2	66	1														1					17-18
18	55	26.620	32.3	29.0	69	0														0	2	.050			18-19
19	50	26.620	30.1	27.4	72	0														0					19-20
20	52	26.630	26.7	24.8	76	0														0					20-21
21	50	26.650	25.7	24.0	78	0														0	3	.030			21-22
22	52	26.670	24.4	22.8	77	0														0					22-23
23	50	26.660	25.7	23.2	68	0														0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID TO 0346	X	.01	T *	X	42	32	X	X						X		
	0348	1	.01	T *	0	44	32		1								
	0944	2	.01	0	0	40	32		0								
	1545	3	0	0	0	44	38		0								
	2145	4	0	0	0	38	26		0								
	MID.	X	0	0	0	36	23	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0357	0950	1530	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.290	26.480	26.570	26.630
BAROGRAPH 64	26.265	26.460	26.555	26.640
BAR. CORR. 65	+.025	+.020	+.015	+.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 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
44	23	.02	T	0	36	S	0312					3	4		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
R-	Cont	0417			
S-	0231	0322			

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: 0602 ± 0 Sec./ 1757P ± 0 Sec./ ± Sec.

* MELTED AS IT FELL

0358P/SLP 048/2355P 1350P/SLP 139/2353P 1530P/SLP 157/2359P

0602 SLP AMPL 32701/1000P 12-21-84

0358P/CGGG 172//1005P 12-21-84

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: 17 DEC 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 (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (14)
SA	0053	CLR	20			195	24	17	10	06		007	003	HS
SA	0157	CLR	20			195	22	18	16	03		006		HS
SA	0252	CLR	20			195	22	16	00	00		006		HS
SA	0355	CLR	20			196	21	16	08	08		007	603 21 20001 RADAT ZERO	RD
SA	0453	250 - SCT	20			195	25	18	06	10		007		RD
SA	0553	250 SCT	20			204	25	10	03	09		008		RD
SA	0650	250 -SCT	20			206	25	11	04	08		009	307 1005	RD
SA	0750	250 -BKN	20			211	27	13	08	03		010		RD
SA	0850	250 -BKN	20			219	30	12	05	09		012		RD
SA	0950	160 SCT 250 -BKN	20			222	31	13	04	13		013	214 1058 21	RD
SA	1050	160 SCT 250 -BKN	20			206	33	13	03	13		009		RD
SA	1150	250 -BKN	20			194	34	16	04	13		005		RD
SA	1250	250 -BKN	20			182	37	15	02	11		003	232 1058	RD
SA	1350	E250 BKN	20			178	37	17	02	12		001		RD
SA	1451	E250 BKN	20			179	36	19	03	13		001		RD
SA	1550	E230 OVC	20			181	35	21	05	12		001	FEW AC NW / 605 1077	HS
—	—												38 RADAT 48042	—
SA	1651	230 - OVC	20			180	33	21	04	13		001		HS
SA	1753	E230 OVC	20			177	32	21	04	12		999		HS
SA	1855	E230 OVC	20			173	32	21	02	07		998	807 1007	HS
SA	1953	E230 BKN	20			168	31	22	05	10		997		HS
SA	2052	E230 BKN	20			164	31	21	04	11		997		HS
SA	2150	E230 OVC	20			164	32	19	05	12		997	603 1007 38	HS
SA	2253	M45 BKN 230 OVC	20			158	32	19	04	09		996		HS
SA	2350	M41 BKN 230 OVC	20			155	32	19	03	09		995		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 $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

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: 17 DEC 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 53	26.660	24.3	22.4	74	0															0	0	.010			00-01
01 57	26.650	22.2	21.2	82	0															0					01-02
02 52	26.650	22.0	20.7	78	0															0					02-03
03 55	26.650	21.0	20.0	81	0															0	6	.00			03-04
04 53	26.650	24.6	22.8	75	2															0					04-05
05 53	26.660	24.7	21.0	54	3															2					05-06
06 50	26.690	24.9	21.4	56	4	4	Ci	250												2	3	.020			06-07
07 50	26.680	26.7	23.0	57	7															3					07-08
08 50	26.700	29.9	24.6	46	8															3					08-09
09 50	26.710	31.3	25.7	46	8	1	Ac	160	7	Cs	250	8								3	2	.040			09-10
10 50	26.670	33.3	27.0	43	8															3					10-11
11 50	26.640	34.0	28.0	47	8															4					11-12
12 50	26.615	36.6	29.4	41	8	0	Ac	160	8	Cs	250	8								4	7	.095			12-13
13 50	26.600	36.8	29.8	44	9															5					13-14
14 51	26.600	36.0	30.0	50	9															5					14-15
15 50	26.600	35.3	30.2	56	10	0	Ac	150	10	Cs	E230	10								8	6	.015			15-16
16 54	26.600	32.7	28.5	60	10															5					16-17
17 53	26.590	32.0	28.1	63	10															7					17-18
18 53	26.580	32.2	28.2	62	10	10	Cs	E230												7	8	.020			18-19
19 53	26.570	31.2	28.0	68	7															6					19-20
20 52	26.570	31.2	27.6	64	7															6					20-21
21 50	26.570	32.1	27.7	58	10	10	Cs	E230												8	6	.010			21-22
22 53	26.560	32.0	27.6	58	10															10					22-23
23 50	26.550	32.3	27.9	58	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349		0	0		26	21										
	0349	1	0	0	0	26	21		0								
	0943	2	0	0	0	31	21		0								
	1545	3	0	0	0	38	31		0								
	2145	4	0	0	0	35	30		0								
	MID.		0	0	0	32	31										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0949	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.650	26.710	26.600	26.570
BAROGRAPH 64	26.640	26.710	26.600	26.570
BAR. CORR. 65	+.010	0*	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	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
38	21	0	0	0	16	NE	1055					8	7		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE ____ 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: 0756 ± 0 Sec./ 1845P ± 0 Sec./ ± Sec.

CHANGED AND RESET MICRO-BAROGRAPH AT 0950 LST

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: 18 DEC 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 (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. INITIALS (14)
SA	0053	M41 OVC	20			144	32	19	04	07		993	814 1511	RD
SA	0153	M45 OVC	20			145	32	21	10	04		993		RD
SA	0250	M45 OVC	20			138	31	23	13	04		991		RD
SA	0354	M55 BKN	20			135	31	21	02	04		990	810 15003 RADAT ZERO	RD
SA	0454	E55 BKN	20			141	29	21	01	04		991		RD
SA	0551	55 SCT	20			152	27	21	21	03		993		RD
SA	0659	40 SCT E55 BKN	20			152	28	22	10	06		993	110 1500	RD
SA	0751	~~M3~~ M35 BKN 80 OVC	20			156	31	23	30	02		996	MTN TOP OBSC ~~M~~ S	RD
SA	0852	30 SCT E100 BKN 250 OVC	20			161	33	22	19	04		999		RD
SA	0950	E30 OVC	7		SW-	166	31	22	11	03		999	SB33*/2-1900 17// 26	RD
—	—		—			—						—	* MTN TOP OBSC ALQUAD	—
SA	1050	E30 OVC	3		SW-	170	33	28	04	06		600		RD
SP	1103	E30 OVC	2 1/2		SW-				05	05		998		RD
SP	1110	E30 OVC	5		SW-				01	05		998		RD
SP	1131	E25 OVC	2		SW-				02	04		998		RD
SA	1150	E25 OVC	2		SW-	162	32	30	03	08		997		RD
SP	1219	W20 X	1 1/2		SW-				04	09		997		RD
SP	1240	W15 X	1/2		SW				05	04		996		RD
SA	1255	W15 X	1/2		SW	155	32	30	08	06		995	81401	RD
SP	1305	15 SCT E20 OVC	3		S-				07	03		994		RD
SA	1337	E20 OVC	1 1/2		S-				02	03		994		RD
SA	1350	E15 OVC	1 1/2		S-	148	32	30	06	06		993		RD
SA	1450	E10 OVC	1/2		S	149 ~~140~~	31	30	12	06		993		RD
RS	1553	W6X	3/8		S	150	32	31	10	04		993	60516 35 90401	RD
—	—												RADAT ZERO	—
SA	1652	W6X	3/8		S	157	32	32	36	02		993	SNOINCR 1/1/2	RD
SA	1750	W6X	3/8		S	168	31	31	00	00		997	SNOINCR 1/2/3 S	RD
—	—												OCNLY S+	—
SP	1830	W10X	2		S-				04	05		997		RD
RS	1854	M13 OVC	3		S-	165	33	31	02	07		997	11417 17// 90403	RD
RS	1950	M12 OVC	2		S-	163	32	32	05	06		997		RD
SP	2015	W8X	1/2		S				04	07		997		RD
SP	2032	W12X	2		S-				03	06		997		RD
RS	2053	M12 OVC	3		S-	167	33	32	32	03		998		RD
SP	2127	W6X	1/2		S				04	06		999		RD
SA	2153	W9X	3/4		S-	168	33	32	07	05		999	30725 35 90404	RD
SP	2230	W12X	2		S-				01	04		999		RD
SA	2250	W12X	2		S-	165	33	32	01	04		998		RD
SA	2353	W12X	2		S-	164	33	32	27	02		997		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 $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

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: 18 DEC 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 52	26530	32.1	27.8	69	10	10	SC	M41												10	8	.040			00-01
01 53	26530	31.6	28.1	65	10															10					01-02
02 50	26510	31.0	28.3	73	10															10					02-03
03 54	26500	31.0	27.7	67	9	9	SC	M55												9	8	.030			03-04
04 54	26505	29.3	26.8	73	7															7					04-05
05 51	26530	26.5	24.8	79	2															2					05-06
06 57	26530	28.0	26.0	76	6	2	SC	40	4	SC	E55	6								5	1	.030			06-07
07 51	26550	30.8	28.0	71	10															10					07-08
08 52	26565	33.0	29.0	63	10															8					08-09
09 50	26585	34.8	30.0	58	10	10	S+	E30												10	2	.055			09-10
10 50	26580	32.8	31.0	82	10															10					10-11
11 50	26565	31.8	31.0	93	10															10					11-12
12 55	26545	31.8	31.2	94	10	10	S	W15												10	8	.040			12-13
13 50	26530	31.9	31.0	92	10															10					13-14
14 50	26530	31.4	31.0	96	10															10					14-15
15 53	26530	31.5	31.3	97	10	10	S	W6												10	6	.015			15-16
16 52	26530	31.7	31.7	100	10															10					16-17
17 50	26570	31.4	31.4	100	10															10					17-18
18 54	26570	32.7	32.1	94	10	10	~~STRA~~	M13												10	1	.040			18-19
19 50	26570	32.4	32.2	99	10															10					19-20
20 55	26580	32.6	32.4	98	10															10					20-21
21 53	26590	32.8	32.6	98	10	10	S	W9												10	3	.020			21-22
22 50	26580	32.6	32.4	98	10															10					22-23
23 53	26570	32.6	32.4	98	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343		0	0		32	30										
	0348	1	0	0	0	32	30		0								
	0943	2	T	*T	0	35	26		0								
	1547	3	.16	E1.2	1	35	30		7								
	2149	4	.25	2.5	4	33	31		7								
	MID.		.03	.3	4	33	32										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0949	1553	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26500	26585	26530	26590
BAROGRAPH 64	26500	26580	26520	26575
BAR. CORR. 65	0	+005	+010	+015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
35	26	.44	E4.0	0	10	NE	1212					10	9		

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK-CLOCK AT: 0806 ±0 Sec./ 1814P ±0 Sec./ ± Sec.

0751/0751 1854/1854 0454P/DP 22/2355P

* SNOW MELTING AS IT FALL 1305P/1305P

1450/1450 1450P/SLP 149/2358P

E- ESTIMATED DUE TO MELTING

0950P/TEMP 35/1000P 12-27-84

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
SW-	0933	1238			
SW	1238	1305			
S-	1305	1445			
S	1445	1730			
S+	1730	1745			
S	1745	1825			
S-	1825	2010			
S	2010	2030			
S-	2030	2125			
S	2125	2140			
S-	2140	CONT.			

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: 1984 DEC 19

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	0006	W12X	2		S-	152	33	32	32	02		994	81704 90404	RD
SA	0150	W12X	2		S-	148	32	32	06	03		993		RD
SP	0208	W15X	3		S-				36	02		993		RD
SA	0250	M11 OVC	3		S-	139	34	33	08	04		991		RD
RS	0357	W10X	1½		S-	148	32	32	22	07		993	50305 31 200486	RD
—			—			—						—	90404 RADAT 98039	—
RS	0455	W10X	½		S	152	32	32	18	04		994		RD
SP	0530	W10X	3		S-				27	03		994		RD
SA	0556	W10X	3		S-	148	32	32	34	03		993		RD
SA	0655	-X E20 OVC	3		R-	152	33	32	09	03		995	RB22SE25 F2 VSBY 1	RD
—			—			—						—	SE /30525 17// 90404	—
SA	0753	M11 OVC	5		R-	158	33	32	10	03		999		RD
SA	0854	M10 OVC	5		R-	165	33	32	22	03		999		RD
RS SA	0958	M9 OVC	6		F	174	35	33	34	03		001	RE03 /2 192717// 3X ~~90235~~ 90404	RD
—			—			—						—	90403	—
SA	1057	M6 OVC	6		F	166	36	33	00	00		999	F BANK SE-S VSBY 3	RD
SA	1152	W5X	5		F	155	37	34	00	00		997	VSBY N-NE 2	RD
SA	1251	W8X	3		F	146	37	34	00	00		994	VSBY N-NE 2 /720	RD
SA	1350	W5X	3		F	144	37	34	27	03		993		RD
SP	1424	-X M20 OVC	4		F				36	03		992	F3	RD
SA	1450	-X M20 OVC	5		F	140	36	34	11	02		992	F2 BINOVC NW	RD
SA	1553	M14 OVC	7			138	35	34	04	05		991	C16 VSBY LWR NE	RD
—	—												MTNS OBSCD ALCDS	—
—	—												710 17// 40 RADAT	—
—	—												98049	—
RS	1650	2 SCT M12 OVC	7			138	35	33	05	11		991	MTNS OBSCD ALCDS	RD
SA	1752	3 SCT M15 OVC	7			137	36	34	14	10		991		RD
SP	1845	15 SCT M35 OVC	10						01	08		990		RD
SA	1850	15 SCT M35 OVC	10			130	35	34	34	08		988	PRESFR / 807 15//	RD
SP	1938	M22 BKN 35 OVC	10		R-				06	08		987		RD
SA	1951	12 SCT M19 BKN 35 OVC	10		S-	125	36	34	08	07		987	RB25E43SB43 VRY LGT	RD
SA	2054	11 SCT M16 OVC	10		R-	122	36	34	03	04		986	SE05RB05	RD
SA	2150	M14 OVC	7		R-	117	35	34	36	06		985	71016 17// 40 90401	RD
SP	2216	W8X	1½		R-S-				19	06		986		RD
SA	2250	W8X	1½		R-F	125	32	32	01	03		987	SB10E45	RD
SP	2335	12 SCT M28 OVC	5		R-				03	08		985		RD
SA	2350	M25 OVC	10			113	33	33	36	05		984	RE33	RD

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 (10-76) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 19 DEC 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	PRESSURE CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 56	26.540	32.6	32.4	98	10	10	S	W12												10	8	.050			00-01
01 50	26.530	32.4	32.4	100	10															10					01-02
02 50	26.510	33.5	33.2	97	10															10					02-03
03 57	26.530	32.4	32.2	99	10	10	S	W10												10	5	.010			03-04
04 55	26.540	32.2	32.0	99	10															10					04-05
05 56	26.530	32.2	32.2	100	10															10					05-06
06 55	26.545	32.8	32.6	97	10	2	F	—	8	SHRA	E20	10								10	3	.015			06-07
07 53	26.560	32.6	32.3	97	10															10					07-08
08 54	26.580	33.4	32.8	95	10															10					08-09
09 58	26.600	35.4	34.0	90	10	10	SHRA	M9												10	2	.055			09-10
10 57	26.585	36.2	35.3	92	10															10					10-11
11 52	26.560	36.7	35.4	89	10															10					11-12
12 51	26.540	37.0	35.8	90	10	10	F	W8												10	7	.060			12-13
13 50	26.530	36.5	35.5	91	10	10														10					13-14
14 50	26.520	35.5	35.0	96	10															10					14-15
15 53	26.510	34.6	34.3	97	10	10	CUFRA	M14												10	7	.030			15-16
16 50	26.510	35.0	34.3	94	10															10					16-17
17 52	26.510	35.6	34.8	93	10															10					17-18
18 50	26.490	35.2	34.5	94	10	3	CUFRA	15	10	SC	M35	10								10	8	.020			18-19
19 51	26.480	36.3	35.1	90	10															10					19-20
20 54	26.470	35.5	34.9	95	10															10					20-21
21 50	26.460	35.3	34.8	96	10	10	CUFRA	M14												10	7	.030			21-22
22 50	26.480	32.3	32.3	100	10															10					22-23
23 50	26.450	33.0	33.0	100	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0743	X	.02	E.22	X	34	32	X	X						X		
	0743	1	.05	E0.5	4	34	32		7								
	0942	2	.27	E2.4	3	35	31		7								
	1548	3	0	0	2	40	34		7								
	2145	4	.16	T	1	36	34		7								
	MID.	X	.20	T	1	35	32	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0356	0957	1553	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.530	26.600	26.510	26.460
BAROGRAPH 64	26.520	26.590	26.505	26.455
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	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
40	31	.65	E9.6	4	15	E	1942					10	10	.44	

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
S-	CONT.	0450	F	0930	1550
S	0450	0530	F	2230	2315
S-	0530	0622			
R-	0622	0903			
R-	1925	1943			
S-	1943	2005			
R-	2005	2333			
S-	2210	2245			

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: 0810 ± 0 Sec./ 1840 ± 0 Sec./ ± Sec.

0958/0958 0958P/90204/1430P 0357P/24 HR 7070 90046/1440P

E- ESTIMATED DUE TO CONT. MELTING 0665P/90404/1003P/12-27-84

0958P/24 HR MIN 30/1005P 12-27-84

2150P/90401/1015P 12-27-84

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 DEC 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 (14)
RS	0055	M12 BKN 25 OVC	10			111	35	34	28	07		984	80320 1511 90401	
SP	0129	M7 BKN 12 OVC	10						28	06		985		
SA	0157	M7 BKN 12 OVC	10			115	35	34	34	03		985		
SA	0251	M 7 OVC	7			120	34	34	31	03		986	0 3	
SA	0358	m9 ⊖ BKN	7			122	34	32	29	02		986	10722 1700 32 20068	
												986	90401 RAOAT 91040	
SA	0456	m9 BKN 25 OVC	7			122	34	32	32	03		986		
SP	0530	7 SCT m17 BKN 45 OVC	7						12	02		987		
SA	0652	7 SCT m14 BKN 45 OVC	10			128	33	32	07	02		988		
SA	0750	4 SCT E11 OVC	10			141	33	32	30	03		992	317 17//	
SA	0856	4 SCT m12 OVC	10			147	33	33	18	04		994	BINOVC	
SA	0957	4 SCT m11 ⊖ BKN	10			154	35	34	23	07		996		
SA	1054	4 SCT m11 BKN	10			161	37	33	25	08		998	220 1700 32	
SA	1152	4 SCT m11 BKN	10			163	36	31	24	08		998		
SA	1253	E11 BKN	15			162	38	32	25	07		998		
SA	1354	E11 BKN	20			161	40	33	26	07		998	C16 VSBY 4WA N/ 400 1700	
SA	1350	11 SCT m17 BKN	20		RW-	162	37	33	27	05		998	1331	
SA	1450	11 SCT E17 BKN	20			165	39	33	26	07		999	RE01	
RS	1530	17 SCT	20			166	39	33	24	07		999	10300 1700 40	
													RADAT 83044	
RS	1650	M20 BKN	20			175	34	31	34	06		002		
SP	1745	20 SCT	20						34	04		003		
SA	1752	20 SCT	20			180	34	32	34	03		003		
SA	1858	CLR	20			191	30	29	07	03		005	217 1700	
SA	1952	CLR	20			195	30	28	05	07		006		
SA	2056	CLR	20			201	29	27	05	04		008		
SA	2152	CLR	20			206	26	24	00	00		010	214 40	
SA	2253	CLR	20			214	26	24	06	03		012		
SA	2354	20 SCT	20			218	25	22	01	06		013		

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: 20 DEC 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 55	26.450	34.6	34.1	96	10	7	CUFRA	M12	10	SC	25	10								10	8	.010			00-01
01 57	26.460	34.5	34.1	97	10															10					01-02
02 51	26.470	34.1	33.9	98	10															10					02-03
03 58	26.470	33.6	33.0	94	9	9	STRA	M9												9	1	.020			03-04
04 56	26.470	33.6	33.0	94	10															10					04-05
05 52	26.480	33.2	32.7	95	10															10					05-06
06 50	26.520	32.7	32.1	94	10	3	STRA	4	10	CUFRA	E11	10								10	3	.050			06-07
07 55	26.540	33.3	33.0	97	10															9					07-08
08 57	26.560	35.0	34.4	94	9															9					08-09
09 54	26.580	36.7	35.1	87	9	3	STRA	4	9	CUFRA	M11	9								9	2	.060			09-10
10 52	26.580	36.2	33.8	80	9															9					10-11
11 53	26.580	37.5	35.0	79	9															9					11-12
12 54	26.580	39.7	36.6	76	8	8	CUFRA	E11												8	4	.000			12-13
13 50	26.580	36.7	35.0	85	8															8					13-14
14 50	26.570	38.7	36.0	78	7															7					14-15
15 50	26.590	38.8	36.0	78	5	5	CUFRA	17												5	1	.010			15-16
16 56	26.610	33.9	32.8	90	7															7					16-17
17 52	26.620	33.5	32.7	92	4															4					17-18
18 58	26.640	30.3	30.0	96	0	0	CUFRA	20												0	2	.050			18-19
19 52	26.650	29.8	29.3	94	0															0					19-20
20 55	26.670	28.7	28.2	93	0															0					20-21
21 52	26.680	26.2	25.8	92	0															0	2	.040			21-22
22 55	26.700	26.0	25.7	93	0															0					22-23
23 54	26.710	24.7	24.1	90	1															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350		.10	0		35	32										
	0350	1	.20	T	1	35	32		7								
	0949	2	0	0	1	37	32		7								
	1545	3	T	0	T	40	36		5								
	2148	4	0	0	T	39	26		5								
	MID.		0	0	T	26	24										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	1858	0854	1550	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.476	26.580	26.590	26.680
BAROGRAPH 64	26.480	26.570	26.590	26.675
BAR. CORR. 65	+.010	+.010	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 UNKL TO (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
40	24	T	0	1	11	W	1321					8	6		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	BEGAN 87	ENDED 88
RW-	1551	1401			

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: 0703 ± 0 Sec./ 1854 ± 0 Sec./ ± Sec.

0438P/0458P 0358/0358 0358P/PCPN/1800P

0957P/0957P 0055P/904P/1015P 12-27-84

0552P/0RO 1234P/1331P

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: 21 DEC 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 (14)
SA	0052	20 SCT	20			917	25	22	35	05		013	110 1700	AG
RS	0157	E15 BKN	10			925	27	25	03	04		015		AG
SA	0250	M17 OVC	10			925	29	26	04	09		016		AG
SA	0355	M15 OVC	10			218	29	27	03	09		014	003 17// 24 RAOAT ZERO	CG
SA	0456	M13 BKN	7			230	27	25	04	12		016	VSBY LWR N	CG
RS SA	0556	13 SCT	20			235	26	24	03	11		017		CG
SA	0655	CLR	20			250	26	23	03	15		021	F BNK S-W-N / 320	CG
SA	0757	15 SCT	20			264	27	23	06	04		025	F BNK N	CG
SA	0852	CLR	20			272	28	25	03	11		027	F BNK N	CG
SA	0954	CLR	20			283	28	23	03	16		029	F BNK N / 227 24	CG
SA	1053	CLR	20			273	31	24	03	13		027		CG
SA	1156	CLR	20			269	32	24	04	16		026		CG
SA	1254	CLR	20			261	36	23	03	11		025	714	CG
SA	1352	CLR	20			260	36	24	03	13		025		CG
SA	1450	CLR	20			258	36	26	02	17		025		CG
SA	1555	CLR	20			261	35	27	03	17		026	303 36 RAOAT 60056	EP
SA	1652	CLR	20			266	32	23	05	16		026		EP
SA	1752	CLR	20			272	31	21	04	15		029		EP
SA	1850	CLR	20			284	31	21	04	18	G22	031	314	EP
SA	1951	CLR	20			290	31	20	05	17		033		EP
SA	2051	CLR	20			294	32	20	05	15		034		EP
SA	2151	CLR	20			305	29	19	01	10		036	219 36	EP
SA	2253	CLR	20			307	29	19	04	13		038		EP
SA	2352	CLR	20			306	29	18	04	16	G22	038		EP

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

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R $7ww W_1W_2$ $8N_hC_LC_MC_H$

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 DEC 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 52	26.710	24.5	24.0	90	1	1	STFRA	20												1	1	.030			00-01
01 57	26.730	26.7	26.2	92	8															8					01-02
02 50	26.740	28.8	28.0	90	10															10					02-03
03 55	26.720	29.4	28.8	92	10	10	STFRA	1115												10	0	.010			03-04
04 58	26.740	27.0	26.4	91	7															7					04-05
05 58	26.750	26.0	25.5	91	1															1					05-06
06 55	26.780	25.8	25.1	89	0															0	3	.060			06-07
07 57	26.820	27.0	26.0	86	3															3					07-08
08 52	26.840	28.0	27.0	87	0															0					08-09
09 54	26.860	27.5	26.1	82	0															0	2	.080			09-10
10 53	26.840	30.8	26.3	75	0															0					10-11
11 58	26.880	32.3	29.2	70	0															0					11-12
12 54	26.820	36.0	31.2	60	0															0	7	.040			12-13
13 52	26.820	36.2	31.6	62	0															0					13-14
14 50	26.820	36.1	32.0	66	0															0					14-15
15 55	26.830	35.3	32.0	71	0															0	3	.010			15-16
16 52	26.830	32.0	28.7	68	0															0					16-17
17 52	26.840	31.4	27.8	65	0															0					17-18
18 50	26.870	30.9	27.5	66	0															0	3	.040			18-19
19 51	26.890	30.7	27.2	64	0															0					19-20
20 51	26.905	31.8	27.8	61	0															0					20-21
21 51	26.925	29.3	26.0	65	0															0	2	.055			21-22
22 53	26.940	28.8	25.6	65	0															0					22-23
23 52	26.940	28.8	25.5	64	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	29	24	X	X						X		
	0349	1	0	0	T	29	24		5								
	0949	2	0	0	T	29	24		5								
	1548	3	0	0	T	36	28		5								
	2148	4	0	0	T	35	29		5								
	MID.	X	0	0	T	29	29	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0355	0954	1549	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.720	26.860	26.830	26.925
BAROGRAPH 64	26.720	26.860	26.830	26.925
BAR. CORR. 65	±0	*0	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
36	24	0	0	T	23	NE	1853					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: 0815 ±0 Sec./ 2105 ±0 Sec./ ± Sec.

*BAROGRAPH CHART CHANGED AND RESET TO ZERO CORR.

OESCP/RS / 1300T 12-27-84

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: 22 DEC 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. INDICATORS (15)
SA	0053	CLR	20			308	27	17	04	18		037	002	EP
SA	0150	CLR	20			310	27	17	02	12		040		EP
SA	0252	CLR	20			309	28	15	05	14		040		EP
SA	0353	CLR	20			305	29	16	03	15		038	003 26 RAWT 20L076087	CG
SA	0454	CLR	20			308	28	16	03	16		038		CG
SA	0553	150 E SCT	20			310	25	16	03	15		038		CG
SA	0654	150 SCT 250-SCT	20			309	28	18	03	16		038	400 1078	CG
SA	0751	E 250 OVC	20			309	28	16	04	18		038		CG
SA	0855	E 250 BKN	20			316	28	16	03	16		040		CG
SA	0953	E 250 BKN	20			319	31	21	03	15		041	310 1008 24	CG
SA	1050	E250 BKN	20			323	30	19	05	16		041		CG
SA	1155	E250 BKN	20			310	34	20	03	15		040		CG
SA	1258	E250 OVC	20			304	33	20	03	17		037	814 1007	CG
SA	1353	E250 OVC	20			300	34	20	03	16		036		CG
SA	1450	E250 OVC	20			291	35	21	04	17		034		CG
SA	1553	250-BKN	20			286	33	21	05	15		033	714 100/35 RADAT 20099	EP
SA	1651	250-SCT	20			286	30	20	05	15		032		EP
SA	1752	CLR	20			289	30	18	07	13		032		EP
SA	1852	CLR	20			290	29	16	07	10		033	500 1001	EP
SA	1950	CLR	20			288	28	17	07	10		032		EP
SA	2050	CLR	20			293	27	16	04	05		033		EP
SA	2151	CLR	20			293	24	17	07	05		033	500 35	EP
SA	2250	CLR	20			292	25	15	17	06		032		EP
SA	2350	CLR	20			283	23	15	01	04		031		EP

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

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 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 NEVADA**

DATE: 22 DEC 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 53	26.930	27.3	24.2	64	0															0	0	.005			00-01
01 50	26.950	26.8	24.0	67	0															0					01-02
02 52	26.950	28.0	24.2	58	0															0					02-03
03 53	26.940	28.7	24.9	59	0															0	0	.010			03-04
04 54	26.940	28.0	24.5	61	0															0					04-05
05 53	26.940	25.4	22.8	67	2															2					05-06
06 54	26.940	28.0	25.0	66	3	1	Ac	250	2	Cs	250	3								1	4	.000			06-07
07 51	26.940	28.0	24.4	60	10															7					07-08
08 55	26.940	27.5	24.0	60	7															5					08-09
09 53	26.970	30.8	27.4	66	7	7	Cs	F250												5	3	.030			09-10
10 50	26.970	33.1	26.4	62	8															6					10-11
11 55	26.950	33.7	29.0	58	9															7					11-12
12 58	26.930	33.0	28.4	58	10	10	Cs	F250												8	8	.040			12-13
13 53	26.920	33.5	28.8	57	10															8					13-14
14 50	26.900	35.3	30.0	55	10															8					14-15
15 53	26.890	33.2	28.8	60	7	7	Ci	250												2	7	.040			15-16
16 51	26.880	29.7	26.5	66	2															1					16-17
17 52	26.880	30.0	26.2	61	0															0					17-18
18 52	26.890	28.7	25.0	60	0	0	Ci	250												0	5	.000			18-19
19 50	26.880	28.4	25.0	62	0															0					19-20
20 50	26.890	27.2	23.9	62	0															0					20-21
21 51	26.890	23.9	22.0	73	0															0	5	.000			21-22
22 50	26.880	25.0	22.4	67	0															0					22-23
23 50	26.870	23.0	21.1	72	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	29	26	X	X						X		
	0348	1	0	0	T	29	26		5								
	0949	2	0	0	T	31	24		5								
	1548	3	0	0	T	35	30		5								
	2148	4	0	0	T	33	24		5								
	MID.	X	0	0	T	25	23	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0953	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.940	26.970	26.890	26.890
BAROGRAPH 64	26.940	26.960	26.890	26.880
BAR. CORR. 65	±0	+.010	0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER 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
35	23	0	0	T	25	NE	0858					8	4		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0803 ± 0 Sec./ 2200 ± 0 Sec./ ± Sec.

0833P/0533P 0053P/SLP 303/2355P

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: 23 DEC 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 (14)	VISIBILITY (Miles) TOWER (14a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (05=36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. INDICATORS (15)
SA	0050	CLR	20			277	22	15	14	04		028	814	EP
SA	0151	CLR	20			278	21	15	06	03		028		EP
SA	0250	CLR	20			264	28	14	06	12		026		EP
SA	0352	CLR	20			266	23	16	10	05		025	810 20 RADAT 37L 035094	HS
SA	0452	CLR	20			261	21	16	12	08		023		HS
SA	0551	250 SCT	20			258	21	17	12	05		022		HS
SA	0651	250 - SCT	20			259	21	16	14	04		022	610 1001	HS
SA	0750	250 - SCT	20			256	24	16	29	02		022		HS
SA	0853	250 - SCT	20			257	28	17	16	04		023		HS
SA	0950	250 - BKN	20			253	33	21	09	02		022	000 1001 20	HS
SA	1051	250 - BKN	20			241	36	21	16	04		020		HS
SA	1154	250 - BKN	20			221	38	24	05	06		014	PRESFR	HS
SA	1252	250 - BKN	20			210	40	25	06	05		011	834 1001	HS
SA	1350	250 - BKN	20			209	41	23	01	10		011	AC SW	HS
SA	1450	250 - SCT	20			200	44	23	26	07		010		HS
SA	1554	250 - SCT	20			204	37	22	04	09		009	707 1001 44 RADAT 2WAS	SEA
SA	1649	CLR	20			209	34	22	06	05		009	FEW AC/CI	SEA
SA	1748	CLR	20			212	29	23	06	04		009		SEA
SA	1851	CLR	20			214	27	22	12	03		009	400	SEA
SA	1949	CLR	20			215	27	22	00	00		010		SEA
SA	2054	CLR	20			214	26	23	12	03		010		SEA
SA	2149	CLR	20			210	25	23	00	00		010	103 44	SEA
SA	2248	CLR	20			207	25	20	09	04		010		SEA
SA	2350	CLR	20			206	24	21	08	06		010		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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 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 NEVADA**

DATE: 23 DEC 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 50	26850	21.8	20.2	74	0															0	8	.040			00-01
01 51	26.850	20.7	19.5	79	0															0					01-02
02 50	26.830	27.8	23.8	56	0															0					02-03
03 52	26.820	23.1	21.4	80	0															0	8	.030			03-04
04 52	26.800	21.4	20.3	80	0															0					04-05
05 51	26.790	21.1	20.2	83	1															1					05-06
06 51	26.790	21.0	20.0	82	1	1	Ci	250												0	6	.030			06-07
07 50	26.790	24.4	22.2	70	2															0					07-08
08 53	26.800	28.3	25.0	63	4															0					08-09
09 50	26.790	32.8	28.6	61	6	6	Ci	250												0	0	.000			09-10
10 51	26.770	36.0	30.4	53	7															1					10-11
11 54	26.720	37.6	32.2	57	8															2					11-12
12 52	26.690	40.1	34.2	55	8	8	Ci	250												3	8	.100			12-13
13 50	26.685	40.7	33.8	49	7															2					13-14
14 50	26.680	44.0	35.6	43	4															1					14-15
15 54	26.670	36.8	31.0	55	1	1	Ci	250												0	7	.020			15-16
16 49	26.670	33.6	29.2	63	0															0					16-17
17 48	26.670	28.8	26.7	80	0															0					17-18
18 51	26.670	27.3	25.4	81	0															0	4	.000			18-19
19 49	26.680	26.5	24.9	84	0															0					19-20
20 54	26.680	26.0	24.8	88	0															0					20-21
21 49	26.680	24.9	24.2	92	0															0	1	.010			21-22
22 48	26.680	24.8	23.2	82	0															0					22-23
23 50	26.680	24.0	22.8	87	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	28	20	X	X						X		
	0348	1	0	0	0	28	20		0								
	0946	2	0	0	0	34	20		0								
	1547	3	0	0	0	44	33		0								
	2146	4	0	0	0	37	24		0								
	MID.	X	0	0	0	25	24	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0949	1553	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.820	26.790	26.670	26.680
BAROGRAPH 64	26.810	26.785	26.660	26.670
BAR. CORR. 65	+.010	+.005	+.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
44	20	0	0	0	19	NE	0213					5	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: 0901P (+0) Sec./1757PST (+0) Sec./ ± Sec.

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

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

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NEVADA

DATE: 24 DEC 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 48	26.680	23.4	22.4	84	0															0	7	.000			00-01
01 51	26.700	23.5	22.1	79	0															0					01-02
02 50	26.710	24.2	22.8	80	0															0					02-03
03 50	26.700	28.0	25.0	66	0															0	0	.020			03-04
04 50	26.700	27.9	25.3	70	0															0					04-05
05 51	26.710	33.6	28.5	54	0															0					05-06
06 51	26.720	32.7	28.3	59	0															0	3	.020			06-07
07 52	26.750	35.7	29.4	47	0															0					07-08
08 54	26.780	38.0	31.6	50	0															0					08-09
09 50	26.780	41.0	32.8	41	0															0	1	.060			09-10
10 52	26.760	42.8	34.7	43	0															0					10-11
11 53	26.750	44.1	36.0	45	0															0					11-12
12 54	26.740	42.0	35.6	54	0															0	7	.040			12-13
13 51	26.730	43.3	35.7	47	0															0					13-14
14 50	26.740	43.9	35.8	45	0															0					14-15
15 51	26.735	41.0	33.9	48	0	0	CI	250												0	7	.005			15-16
16 54	26.740	38.0	32.0	52	0															0					16-17
17 51	26.740	36.7	32.0	61	0															0					17-18
18 51	26.740	36.4	31.3	57	0															0	1	.005			18-19
19 51	26.750	37.1	31.6	56	0															0					19-20
20 48	26.740	36.8	31.0	53	0															0					20-21
21 52	26.750	35.9	30.6	59	0															0	2	.010			21-22
22 48	26.740	36.1	30.3	52	0															0					22-23
23 50	26.730	35.4	29.8	53	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 0347		0	0		28	22										
	0347	1	0	0	0	28	22		0								
	0946	2	0	0	0	42	26		0								
	1545	3	0	0	0	44	41		0								
	2148	4	0	0	0	41	36		0								
	MID.		0	0	0	36	35										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0949	1550	2151
ATT. THERM. 60				
OBSVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.700	26.780	26.735	26.750
BAROGRAPH 64	26.685	26.770	26.725	26.735
BAR. CORR. 65	+0.15	+.010	+.010	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
44	22	0	0	0	28	NE	0754					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: 0940P ③ 0 Sec./ 2052P ④ 0 Sec./ ± Sec.

1204/1254

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: 24 DEC 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. SERVER'S INITIALS (15)
SA	0048	CLR	20			205	23	19	08	02		010	400	SEA
SA	0151	CLR	20			213	24	18	10	03		013		SEA
SA	0250	CLR	20			214	24	19	09	03		014		SEA
SA	0350	CLR	20			212	28	18	06	06		012	007 22 RADAT 48L037086	HS
SA	0450	CLR	20			214	28	19	11	04		012		HS
SA	0551	CLR	20			217	34	19	05	04		013		HS
SA	0651	CLR	20			223	33	20	10	04		014	307	HS
SA	0752	CLR	20			234	36	18	06	10	622	017		HS
SA	0854	CLR	20			244	38	21	04	10	624	021		HS
SA	0950	CLR	20			243	41	19	04	14	623	021	120 22	HS
SA	1052	CLR	20			233	43	22	06	10	624	018		HS
SA	1153	CLR	20			229	44	24	05	14	620	017		HS
SA	1254	CLR	20			227	47	27	06	12	624	016	714	HS
SA	1351	CLR	20			222	43	25	06	10	623	015		HS
SA	1450	CLR	20			225	44	24	05	11	620	016		HS
SA	1551	CLR	20			223	41	23	04	16	623	016	FEW CI DSNT SE / 762 1062	SEA
/	/											/	44 RADAT 28096	SEA
SA	1654	CLR	20			228	38	22	04	17	620	017	FEW CI DSNT SE	SEA
SA	1751	CLR	20			224	37	25	03	15		017		SEA
SA	1851	CLR	20			225	36	23	03	15		017	102	SEA
SA	1951	CLR	20			225	37	23	04	16	621	018		SEA
SA	2048	CLR	20			221	37	21	04	15		017		SEA
SA	2152	CLR	20			223	36	23	06	10		018	243 44	SEA
SA	2248	CLR	20			219	36	20	05	13	621	017		SEA
SA	2350	CLR	20			213	35	20	04	16	620	016		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

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 25 DEC 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	0051	CLR	20			212	36	20	04	14	G19	015	FEW CI / 710 1001	SEA
SA	0149	CLR	20			207	35	21	03	14		014	FEW CI	SEA
SA	0250	CLR	20			207	35	22	04	14		014	FEW CI	SEA
SA	0352	CLR	20			197	35	19	04	10	G17	010	814 1001 33 RADAT 20094	HS
SA	0452	CLR	20			201	32	20	04	08		010		HS
SA	0553	CLR	20			202	32	18	04	12		010		HS
SA	0653	CLR	20			203	31	18	04	11		010	400	HS
SA	0752	CLR	20			200	35	28	05	10	G18	010		HS
SA	0850	CLR	20			201	39	20	06	04		011		HS
SA	0950	CLR	20			204	41	20	02	10		012	307 30	HS
SA	1052	CLR	20			190	45	20	34	06		009		HS
SA	1152	CLR	20			170	46	22	13	11		003	PRESFR	HS
SA	1254	CLR	20			163	46	23	02	11		001	634	HS
SA	1352	CLR	20			154	47	23	04	07		999		HS
SA	1451	CLR	20			155	47	22	04	09		999		HS
SA	1552	CLR	20			154	43	23	04	09		998	FEW CI DSNT NW / 710 1002	SEA
/	/											/	48 RADAT 33092	/
SA	1653	CLR	20			160	37	24	05	09		998	FEW CI DSNT NW	SEA
SA	1750	CLR	20			160	36	23	06	07		998		SEA
SA	1848	CLR	20			167	33	25	05	05		999	303	SEA
SA	1953	CLR	20			161	36	23	04	05		999		SEA
SA	2046	CLR	20			162	31	24	06	04		999		SEA
SA	2153	CLR	20			168	31	24	00	00		002	307 48	SEA
SA	2249	CLR	20			163	30	23	11	03		000		SEA
SA	2357	CLR	20			159	29	24	00	00		999		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 $6RRRt_R$ $7ww_1W_2$ $8N_hC_LC_MC_H$

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: 25 DEC 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 51	26.720	35.9	30.1	52	0	0	CI	250												0	7	.030			00-01
01 49	26.710	35.4	30.1	55	0															0					01-02
02 50	26.710	35.1	30.0	59	0															0					02-03
03 52	26.680	34.7	29.2	52	0	0	CI	250												0	8	.040			03-04
04 52	26.680	32.1	28.1	62	0															0					04-05
05 53	26.680	32.4	27.6	55	0															0					05-06
06 53	26.680	31.3	27.1	58	0															0	4	.000			06-07
07 52	26.680	35.0	32.0	74	0															0					07-08
08 50	26.690	39.4	32.1	45	0															0					08-09
09 50	26.700	40.8	33.0	43	0															0	3	.020			09-10
10 52	26.670	45.4	35.6	36	0															0					10-11
11 52	26.620	46.4	36.7	38	0															0					11-12
12 54	26.600	45.8	36.6	40	0															0	6	.100			12-13
13 52	26.580	47.4	37.4	38	0															0					13-14
14 51	26.580	47.0	37.0	37	0															0					14-15
15 52	26.570	42.8	35.0	45	0	0	CI	250												0	7	.030			15-16
16 53	26.570	37.0	31.8	58	0															0					16-17
17 50	26.570	36.1	31.0	58	0															0					17-18
18 48	26.580	33.0	29.7	72	0															0	3	.010			18-19
19 53	26.580	36.0	31.0	58	0															0					19-20
20 46	26.580	31.0	20.2	75	0															0					20-21
21 53	26.600	31.0	28.1	74	0															0	3	.020			21-22
22 49	26.590	29.5	27.0	77	0															0					22-23
23 51	26.580	29.0	27.0	81	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 0348	X	0	0	X	36	33	X	X						X		
	0348	1	0	0	0	36	33		0								
	0946	2	0	0	0	42	30		0								
	1547	3	0	0	0	48	41		0								
	2148	4	0	0	0	43	30		0								
	MID.	X	0	0	0	31	28	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0949	1551	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.680	26.700	26.570	26.600
BAROGRAPH 64	26.680	26.695	26.570	26.600
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 UNML TD (Ins.) 69	4XM 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	28	0	0	0	21	NE	0228					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: 0900P (±)0 Sec./1958P (±)0 Sec./ ± Sec.

*BAROGRAPH CHANGED RE-SET TO "0"

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: **26 DEC 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 (Inx.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. REPORTING INITIALS (15)
SA	0051	CLR	20			159	30	21	06	05		999	607	SEA
SA	0158	CLR	20			160	26	23	07	03		999		SEA
SA	0252	CLR	20			158	30	21	02	03		999		SEA
SA	0350	CLR	20			154	29	22	10	02		997	807 25 RADAT 54L035 084	HS
SA	0450	CLR	20			158	28	22	10	03		997		HS
SA	0550	CLR	20			158	29	21	31	04		997		HS
SA	0653	250-BKN	20			168	28	21	05	08		999	307 1001	HS
SA	0753	250-BKN	20			164	33	23	06	07		999		HS
SA	0852	250-BKN	20			166	39	25	02	05		000		HS
SA	0950	250-OVC	20			164	43	27	11	04		000	103 1001 25	HS
SA	1051	250-BKN	20			156	46	26	08	03		998		HS
SA	1151	250-BKN	20			137	45	27	02	11		992	PRESFR	HS
SA	1254	E250 OVC	20			133	44	27	03	12		991	627 1002	HS
SA	1350	120SCT E250 OVC	20			131	45	28	04	10		990		HS
SA	1450	120SCT E250 OVC	20			129	44	30	03	13		990		HS
SA	1554	E90BKN 200 OVC	20			130	43	29	03	10		990	FEW SC SE/ 663 15787	SEA
/	/											/	47 RADAT 35083	/
SA	1653	E90BKN 200 OVC	20			137	40	30	03	03		992	FEW SC	SEA
SA	1749	E90BKN 200 OVC	20			142	38	31	07	04		993	FEW SC	SEA
SA	1851	50SCT E90BKN 200 OVC	20			142	39	30	30	03		993	107 1577	SEA
SA	1951	50 SCT E90 OVC	20			140	38	31	03	03		993		SEA
SA	2046	E50 OVC	10		RW-	140	37	37	05	03		994	RB12	SEA
SA	2152	35SCT E70 OVC	10		R-	140	37	36	01	02		995	30719 1721 47	SEA
SA	2254	E70 OVC	10		R-	136	36	36	12	04		994		SEA
SA	2351	E70 OVC	10		R-	131	38	36	06	07		993		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 $6RRR_{t_R}$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

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: 26 DEC 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 51	26.580	30.3	27.1	67	0															0	6	.020			00-01
01 58	26.580	26.0	25.0	89	0															0					01-02
02 52	26.580	30.4	27.0	69	0															0					02-03
03 50	26.560	29.3	27.0	74	0															0	8	.020			03-04
04 50	26.560	28.2	26.3	78	0															0					04-05
05 50	26.560	28.9	26.5	73	0															0					05-06
06 53	26.580	28.4	26.0	73	6	6	Ci	250												1	3	.020			06-07
07 53	26.580	32.8	29.2	66	7															1					07-08
08 52	26.590	38.6	33.1	57	9															2					08-09
09 50	26.590	43.4	36.6	52	10	10	Ci	250												2	1	.010			09-10
10 51	26.570	45.6	37.3	45	9															3					10-11
11 51	26.520	44.8	37.2	49	8															4					11-12
12 54	26.510	44.2	37.0	51	10	10	Ci	E250												6	6	.080			12-13
13 50	26.500	44.5	37.5	52	10															6					13-14
14 50	26.500	44.0	37.8	57	10															6					14-15
15 54	26.500	42.8	36.8	57	10	0	SC	60	7	AC	E90	7	8	CS	200	10				10	6	.010			15-16
16 53	26.510	40.2	35.7	66	10															10					16-17
17 49	26.520	37.7	35.0	78	10															10					17-18
18 51	26.520	38.7	35.0	71	10	1	SC	50	8	AC	E90	8	10	CS	200	10				10	1	.020			18-19
19 51	26.520	37.5	34.9	78	10															10					19-20
20 46	26.530	37.0	36.8	99	10															10					20-21
21 52	26.540	37.0	36.6	97	10	2	CUFRA	35	10	NS	E70	10								10	3	.020			21-22
22 54	26.530	36.2	36.0	99	10															10					22-23
23 51	26.520	38.0	37.0	92	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0346	X	0	0	X	30	25	X	X						X		
	0346	1	0	0	0	31	25		0								
	0946	2	0	0	0	44	27		0								
	1548	3	0	0	0	47	43		0								
	2148	4	.19	0	0	43	37		2								
	MID.	X	.14	0	0	38	36	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1553	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.560	26.590	26.580	26.590
BAROGRAPH 64	26.565	26.585	26.460	26.535
BAR. CORR. 65	-.005	+.005	+.010	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
47	25	.33	0	0	17	NE	1423					9	7		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	BEGAN 86	ENDED 87
RW-	2012	2029			
RW	2029	2042			
RW-	2042	2102			
R-	2102	CONT			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0955P (+) 0 Sec./1848P (+) 0 Sec./ ± Sec.

1554 B 1553

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: **27 DEC 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 (Hgs.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0056	E70 OVC	10		R-	125	38	36	04	08		991	91414 1021	SEA
SA	0151	E70 OVC	10		R-	116	38	36	05	10		988		SEA
SA	0253	12 SCT E70 OVC	10		R-	113	38	36	05	10		987		SEA
SA	0356	12 SCT E70 OVC	10		R-	109	38	37	04	10		986	91420 1721 20039 36	[illegible]
													RADAT 00044	
SA	0459	12 SCT E70 OVC	10		R-	107	38	37	05	10		985		[illegible]
SA	0556	12 SCT E70 OVC	10		R-	111	38	37	02	09		985		[illegible]
SA	0656	12 SCT E60 OVC	10		R-	110	38	37	04	07		986	50204 1721	[illegible]
SA	0753	12 SCT E60 OVC	7		R-	111	39	38	08	05		986		[illegible]
SP	0841	5 SCT 12 SCT E60 OVC	7		R-				12	04		986		[illegible]
SA	0859	5 SCT 12 SCT E60 OVC	7		R-	110	40	39	09	03		986		[illegible]
SA	0954	5 SCT 12 SCT E60 OVC	7		R-	112	40	40	04	04		986	30310 1721 36	[illegible]
SA	1053	5 SCT 12 SCT E60 OVC	7		R-	108	41	40	03	05		985		[illegible]
SA	1153	3 SCT 7 SCT E60 OVC	7		R-	099	41	40	35	05		983		[illegible]
SA	1259	2 SCT 7 SCT E60 OVC	7		R-	087	42	40	02	06		980	72005 1721	[illegible]
SA	1359	2 SCT 7 SCT E60 OVC	7		R-	087	43	40	29	03		979		[illegible]
SA	1451	2 SCT 7 SCT E60 OVC	7			086	44	41	30	03		980	RE22	[illegible]
SA	1550	7 SCT E35 OVC	20			090	43	41	15	04		980	30305 1511 45 RADAT	MR
													99069	
RS	1650	M5 BKN 20 OVC	6		L-	095	41	39	05	08		981	LB42	MR
SA	1751	M5 BKN 20 OVC	5		R-L-	096	41	39	05	05		981	RB10	MR
SA	1855	M7 OVC	5		R-L-	097	41	40	29	02		982	20501 1711	MR
SA	1950	3 SCT M5 BKN 10 OVC	10		R-	100	40	39	07	04		982	LE28	MR
SA	2052	M4 BKN 7 OVC	5		R-L-	100	40	39	03	05		983	LB46	MR
SA	2157	M4 BKN 7 OVC	4		R-L-	105	40	39	04	04		984	30803 1711 45	MR
SA	2250	M4 OVC	4		L-	106	39	39	21	02		984	RE40	MR
SA	2353	M4 OVC	7			102	39	39	34	02		983	LE33 VSBY LWR NE	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 (10-76) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 27 DEC 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 56	26.560	37.6	36.8	93	10	10	NS	E70												10	7	.040			00-01
01 51	26.480	38.0	37.3	94	10															10					01-02
02 53	26.470	38.0	37.0	92	10															10					02-03
03 56	26.460	38.3	37.6	94	10	4	STRA	12	10	NS	E70	10								10	7	.040			03-04
04 59	26.450	37.8	37.3	96	10															10					04-05
05 56	26.455	37.8	37.3	96	10															10					05-06
06 56	26.455	38.0	37.3	97	10	4	STRA	12	10	NS	E60	10								10	5	.005			06-07
07 53	26.455	38.5	38.0	96	10															10					07-08
08 59	26.455	40.0	39.4	95	10															10					08-09
09 54	26.460	40.4	40.0	98	10	2	STRA	5	1	STRA	12	3	10	NS	E60	10				10	3	.005			09-10
10 53	26.450	40.8	40.0	97	10															10					10-11
11 53	26.430	41.3	40.5	94	10															10					11-12
12 59	26.400	42.2	41.0	91	10	2	STRA	2	2	STRA	7	4	10	NS	E60	10				10	7	.060			12-13
13 59	26.400	43.0	41.4	88	10															10					13-14
14 51	26.400	44.0	42.5	89	10															10					14-15
15 50	26.410	43.3	42.2	92	10	2	STRA	7	10	SC	E35	10								10	3	.010			15-16
16 50	26.420	40.8	40.1	95	10															10					16-17
17 51	26.420	40.6	40.0	95	10															10					17-18
18 55	26.425	40.6	40.3	97	10	10	STRA	47												10	2	.015			18-19
19 50	26.430	40.4	39.9	96	10															10					19-20
20 52	26.435	39.8	39.5	98	10															10					20-21
21 57	26.450	39.7	39.2	96	10	8	STRA	14	2	STRA	7	10								10	3	.025			21-22
22 50	26.450	39.3	39.3	100	10															10					22-23
23 53	26.440	39.0	39.0	100	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0357	X	.06		X	38	37	X	X						X		
	0355	1	.20	0	0	38	36		2								
	0952	2	.10	0	0	40	37		2								
	1546	3	.05	0	0	45	40		2								
	2148	4	.03	0	0	44	40		2								
	MID.	X	.01	0	0	40	39	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0356	0954	1546	2156
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.460	26.460	26.410	26.450
BAROGRAPH 64	26.450	26.440	26.330	26.430
BAR. CORR. 65	+.010	+.020	+.030	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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	37	.25	0	0	14	NE	0258 U					10	10		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
R-	CONT	1422			
L-	1642	1928			
R-	1710	2240			
L-	2046	2333			

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: 0001P 00 Sec./ 1719P 00 Sec./ ± Sec.

2052P/2052P 0357P/24 HR PRPN WRONG PLACE/0900P 1-2-85

U LAST OF SEVERAL OCCURENCES

MF1-10A
(1-82)

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

STATION **WSMO, DESERT ROCK NEVADA**

DATE 28 DEC 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)	OB. SERVER'S INITIALS (15)
SA	0051	M3 OVC	7		L-	101	40	39	12	03		983	LB46 80301 17//	MR
SA	0151	M3 OVC	4		L-	105	39	39	18	03		984		MR
SA	0254	M4 OVC	5		L-	104	40	40	04	04		984		MR
SA	0357	M4 OVC	5		L-	105	40	40	14	03		985	10301 17// 3 20019 RADAT00067	MR
SA	0459	M4 OVC	4		L-F	111	39	39	34	03		986		MR
SA	0556	M4 OVC	3		R-L-F	111	38	38	15	03		986	RB46	MR
SA	0655	M4 OVC	6		F	117	40	39	24	04		988	LE22 RE49/21003 17//	MR
SA	0756	M4BKN 15OVC	7			123	42	40	17	06		990	BINOVC	MR
SA	0855	M4BKN 8OVC	7			130	43	41	13	09		992	BINOVC E	MR
SP	0928	4SCT M8OVC	7						18	04		994		MR
SA	0951	4SCT M8OVC	7			136	43	41	23	03		994	21703 17// 38	MR
SA	1056	4SCT M8OVC	7			135	43	42	30	03		994		MR
SP	1116	2SCT M4BKN 8OVC	7						29	04		993		MR
SA	1154	2SCT M4OVC	7			131	44	42	31	05		993		MR
SP	1246	-X M 2OVC	2		R-F				34	08		992	F5	MR
SA	1254	-X M 2OVC	2		R-F	130	43	42	33	06		992	F4 RB02/80503 17//	MR
RS	1359	2SCT M4OVC	6		R-F	130	43	42	35	03		992		MR
SA	1450	2 SCT M4BKN	10			126	47	42	27	05		992	RE14	MR
RS ~~SA~~	1555	M7 BKN 50OVC	20			133	45	40	36	04		993	30306 17// 47 RADAT 79067	MR
SA	1652	M9 BKN 35OVC	20			136	44	40	04	03		994	GF BNK NW	MR
SA	1751	M9 BKN 35OVC	20			142	42	41	30	04		995		MR
SA	1853	M9 OVC	20			148	41	41	20	03		996	312 17//	MR
SA	1952	M7 OVC	20			153	41	40	30	03		998	CIG RGD	MR
SA	2053	M8 OVC	7		R-	157	41	41	15	04		999	RB37	MR
SA	2152	M9 OVC	20			163	40	40	14	03		001	RE11 21501 17// 47	MR
SP	2212	9 SCT E30 OVC	20						04	03		002		MR
SP	2233	M9 BKN 30 OVC	20						34	04		002		MR
SA	2251	M9 BKN 30 OVC	20			170	40	40	10	02		003	BINOVC S	MR
SA	2354	M9 OVC	10			173	40	40	03	02		004	VSBY NE 4GF	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 $1s_n$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: **28 DEC 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 51	26.440	39.6	39.5	99	10	10	STRA	M3												10	8	.010			00-01
01 51	26.450	39.2	39.1	99	10															10					01-02
02 54	26.450	40.3	40.3	100	10															10					02-03
03 57	26.450	39.5	39.5	100	10	10	STRA	M4												10	1	.010			03-04
04 59	26.460	38.6	38.6	100	10															10					04-05
05 56	26.460	38.2	38.2	100	10															10					05-06
06 55	26.480	40.0	39.6	97	10	10	STRA	M4												10	2	.030			06-07
07 56	26.495	41.5	40.8	95	10															10					07-08
08 55	26.515	43.0	42.0	93	10															10					08-09
09 51	26.530	42.5	41.6	93	10	4	STRA	4	6	STRA	M8	10								10	2	.050			09-10
10 56	26.530	43.3	42.7	96	10															10					10-11
11 54	26.520	43.6	43.0	96	10															10					11-12
12 54	26.515	43.0	42.6	97	10	2	F	—	10	STRA	M2	10								10	8	.015			12-13
13 59	26.515	43.1	42.5	95	10															10					13-14
14 50	26.515	47.0	44.4	83	9															9					14-15
15 55	26.525	44.8	42.6	85	10	0	STRA	2	8	STRA	M7	8	2	SC	50	10				10	3	.010			15-16
16 52	26.535	43.8	42.1	88	10															9					16-17
17 51	26.545	42.0	41.5	96	10															10					17-18
18 53	26.560	41.3	41.0	98	10	10	STRA	M9												10	3	.035			18-19
19 52	26.575	40.8	40.3	96	10															10					19-20
20 53	26.580	40.7	40.6	99	10															10					20-21
21 52	26.605	40.0	40.0	100	10	10	STRA	M9												10	2	.045			21-22
22 51	26.620	40.0	40.0	100	10															9					22-23
23 54	26.630	39.8	39.8	100	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID TO 0355		T	0		40	39										
	0355	1	.01	0	0	40	39		2								
	0950	2	.03	0	0	43	38		2								
	1547	3	.06	0	0	47	43		2								
	2146	4	.01	0	0	45	40		2								
	MID.		0	0	0	40	40										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0357	0951	1553	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.430	26.520	26.525	26.605
BAROGRAPH 64	26.440	26.525	26.540	26.570
BAR. CORR. 65	+.010	+.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 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	38	.10	0	0	9	SE	0954					10	10		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
L-	0046	0622			
F	0450	0[illegible]			
R-	0546	0649			
R-	1202	1414			
F	1242	1418			
R-	2037	2111			

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: 0904P ✓ Sec./ 1654P ✓ Sec./ ± Sec.

0357P Col 13 ADD 20019 0545P ALSO WRONG PLACE
1359P Col 3 S/B SCT 1359P 1555/R-S/1555
1853P /Col 8 /1853P
2251P /Col 1 /2251P
J/ LAST OF SEVERAL OCCURENCES

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: 29 DEC 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 INITIALS (15)
SA	0051	M9 OVC	10			175	40	40	35	03		005	110 1711	MR
SA	0151	M9 OVC	10			181	39	39	09	02		006	VSBY NE4GF	MR
SA	0250	M9 OVC	10			182	39	39	13	04		007		MR
SA	0353	M9 OVC	10			189	39	39	12	03		010	212 1611 20010 39	
													RADAT 91061	
SA	0455	M9OVC	10			198	39	39	15	03		012		
SA	0555	M8OVC	10			206	38	38	20	03		014		
SA	0655	2SCT M8OVC	10			213	39	39	08	03		016	220 1611	
SA	0754	2SCT M8OVC	10			228	39	39	09	03		020		
SA	0855	2SCT M8OVC	10			241	40	38	00	00		024		
SA	0956	2 SCT M8BKN 50 OVC	10			250	41	39	13	03		026	232 1611 38	
SA	1059	2 SCT M8BKN 50 OVC	10			250	44	39	22	03		026		
SP	1144	2 SCT 8SCT E50OVC	10						36	03		024		
SA	1156	8SCT E50 OVC	10			236	46	38	00	00		024		
SA	1255	8SCT E50 OVC	10			234	45	35	03	09		022	812 1511	
SA	1358	E50 OVC	10			235	46	34	02	10		023		
SA	1455	E45 OVC	10			236	46	35	02	09		023		
SA	1554	E35 OVC	20			240	45	35	03	08		024	305 1511 47 RADAT	MR
													91L 059 074 084	
SA	1650	M35 OVC	20			243	44	34	03	09		024	BINOVC NE-E	MR
SA	1751	40 SCT	20			252	40	34	05	10		026		MR
SA	1851	120 SCT	20			253	39	33	05	07		026	108 1050	MR
SA	1950	120 SCT	20			258	38	33	02	08		027		MR
SA	2051	120 SCT	20			258	37	32	04	10		027		MR
SA	2151	120 SCT 250 SCT	20			259	36	32	18	03		028	105 1071 47	MR
SA	2250	250 SCT	20			256	35	32	04	03		027	FEW AC	MR
SA	2353	120 SCT 250-SCT	20			257	33	31	04	04		027		MR

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

FM12-VII: Iliii $i_R i_X h$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 NEVADA

DATE: 29 DEC 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 51	26.635	40.0	40.0	100	10	10	STRA	M9												10	1	.030			00-01
01 51	26.650	38.9	38.9	100	10															9					01-02
02 50	26.660	38.7	38.7	100	10															10					02-03
03 53	26.670	38.6	38.6	100	10	10	ST	m9												10	2	.035			03-04
04 55	26.690	38.5	38.5	100	10															10					04-05
05 55	26.710	38.4	38.4	100	10															10					05-06
06 55	26.730	38.5	38.5	100	10	2	ST	2	10	ST	m8	10								10	2	.060			06-07
07 54	26.770	39.0	39.0	100	10															10					07-08
08 55	26.805	39.8	39.1	94	10															10					08-09
09 56	26.825	44	40.4	93	10	1	ST	2	5	ST	m8	6	4	SC	50	10				10	2	.095			09-10
10 59	26.825	44.2	41.5	81	10															10					10-11
11 56	26.800	45.8	41.8	73	10															10					11-12
12 55	26.790	45.4	40.5	66	10	1	STRA	8	10	SC	E50	10								10	8	.035			12-13
13 58	26.790	45.9	40.5	64	10															10					13-14
14 55	26.795	45.5	40.5	66	10															10					14-15
15 54	26.805	45.1	40.3	67	10	0	STRA	10	10	SC	E35	10								10	3	.015			15-16
16 50	26.810	43.5	39.3	70	10															9					16-17
17 51	26.830	40.4	37.4	77	2															2					17-18
18 51	26.830	39.0	36.3	78	1	1	AC	120												1	1	.025			18-19
19 50	26.840	38.2	35.7	80	1															1					19-20
20 51	26.840	37.4	35.1	81	1															1					20-21
21 51	26.845	35.7	34.3	88	1	1	AC	120	0	CI	E50	1								1	1	.015			21-22
22 50	26.840	34.8	33.7	90	1															1					22-23
23 53	26.840	33.3	32.4	91	4															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0352	X	0	0	X	40	39	X	X						X		
	0352	1	0	0	0	40	39		2								
	0855	2	0	0	0	41	38		2								
	1547	3	0	0	0	47	41		1								
	2146	4	0	0	0	45	36		1								
	MID.	X	0	0	0	36	33	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0952	1552	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.670	26.825	26.805	26.845
BAROGRAPH 64	26.655	26.815	26.795	26.852
BAR. CORR. 65	+.015	+.010	+.010	-.007

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
47	33	0	0	0	14	NE	2041 H					10	8		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK-CLOCK AT: ± Sec./ 1653P @0 Sec./ ± Sec.

1650P/Cl. 7/1650P BAROGRAPH CHANGED 0956P

H LAST OF SEVERAL OCCURRENCES

0353P/24 HR TAPE WRONG PLACE/0800 1-3-84

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: 30 DEC 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 (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	250 - SCT	20			254	35	31	08	06		027	602 1071	HR
SA	0153	CLR	20			255	34	31	19	03		027	Ac NW	HR
SA	0252	CLR	20			252	35	30	04	11		027		HR
SA	0351	CLR	20			249	34	31	08	02		025	807 33 RADAT	JC
													98L059070105	
SA	0454	CLR	20			246	34	30	08	05		024		JC
SA	0552	CLR	20			252	33	30	05	06		025		JC
SA	0653	CLR	20			253	32	30	06	05		025	500	JC
SA	0755	CLR	20			256	36	31	04	11		026		JC
SA	0854	CLR	20			250	40	34	24	02		025	~~803 31~~	JC
SA	0953	CLR	20			247	42	33	24	06		024	803 31	JC
SA	1054	CLR	20			236	46	34	28	06		022		JC
SA	1155	CLR	20			228	48	35	26	05		020		JC
SA	1253	CLR	20			228	46	37	04	13		020	614 1500	JC
SA	1354	CLR	20			228	48	36	35	09		020		JC
SA	1450	CLR	20			226	51	37	16	02		020		JC
SA	1553	CLR	20			223	49	36	30	05		018	803 51 RADAT 50098	EP
SA	1652	CLR	20			226	44	35	03	10		018		EP
SA	1753	CLR	20			229	41	33	03	13		018		EP
SA	1851	CLR	20			232	39	32	04	15		019	302	EP
SA	1950	CLR	20			233	38	32	07	06		019		EP
SA	2050	CLR	20			235	38	29	04	13		021		EP
SA	2153	CLR	20			239	34	29	03	10		022	208 51	EP
SA	2250	CLR	20			233	34	29	33	03		021		EP
SA	2351	CLR	20			233	31	28	08	06		021		EP

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

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 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 NEVADA

DATE: 30 DEC 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 50	26.840	35.2	33.3	83	3	0	Ac	120	3	Cl	250	3								1	6	.005			00-01
01 53	26.840	33.9	32.5	87	0															0					01-02
02 52	26.835	35.4	33.3	81	0															0					02-03
03 53	26.820	34.3	33.0	88	0															0	8	.020			03-04
04 54	26.810	33.7	32.6	90	0															0					04-05
05 52	26.820	32.5	31.6	91	0															0					05-06
06 53	26.820	32.1	31.2	91	0															0	5	.000			06-07
07 53	26.830	36.2	33.8	80	0															0					07-08
08 54	26.820	39.5	37.1	81	0															0					08-09
09 53	26.810	42.0	38.1	71	0															0	8	.010			09-10
10 54	26.790	45.6	40.4	65	0															0					10-11
11 53	26.770	42.5	41.5	61	0															0					11-12
12 53	26.770	46.3	41.6	69	0	0	Sc	50												0	6	.040			12-13
13 54	26.770	48.2	42.2	62	0															0					13-14
14 50	26.770	50.6	43.2	58	0															0					14-15
15 53	26.760	48.8	42.5	60	0															0	8	.010			15-16
16 52	26.760	43.8	39.5	70	0															0					16-17
17 53	26.760	40.5	37.3	75	0															0					17-18
18 51	26.765	39.0	36.0	76	0															0	3	.005			18-19
19 50	26.770	37.8	35.1	78	0															0					19-20
20 50	26.780	37.7	34.2	71	0															0					20-21
21 53	26.790	33.8	32.0	83	0															0	2	.025			21-22
22 50	26.780	33.8	32.0	83	0															0					22-23
23 51	26.780	31.0	29.8	88	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349		0	0		36	33										
	0349	1	0	0	0	36	33		0								
	0948	2	0	0	0	42	31		0								
	1548	3	0	0	0	51	42		0								
	2149	4	0	0	0	49	34		0								
	MID.		0	0	0	34	31										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0950	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.820	26.810	26.760	26.790
BAROGRAPH 64	26.820	26.810	26.750	26.790
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
51	31	0	0	0	19	NE	1818					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: 0951P ±0 Sec./ 1854 ±0 Sec./ ± Sec.

0953P/0951P

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: 31 DEC 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 (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. INTERVIEWER INITIALS (15)
SA	0053	CLR	20			235	30	26	12	05		021	603	EP
SA	0151	CLR	20			234	29	26	13	04		021		EP
SA	0250	CLR	20			230	29	27	06	06		020		EP
SA	0353	CLR	20			230	31	26	08	05		020	803 29 RADAT	JC
/													60L 034092	/
SA	0452	CLR	20			226	35	26	34	10		018		JC
SA	0551	CLR	20			227	37	23	03	11		018		JC
SA	0653	CLR	20			234	39	23	05	15 G 20		020	500	JC
SA	0754	CLR	20			239	38	23	05	16 G 22		022		JC
SA	0853	CLR	20			249	39	23	04	16 G 21		025		JC
SA	0953	CLR	20			250	42	26	04	14 G 20		025	117 29	JC
SA	1054	CLR	20			250	42	26	05	14		025		JC
SA	1155	CLR	20			243	45	28	03	14 G 20		023		JC
SA	1254	CLR	20			243	46	28	04	15 G 22		023	207 1500	JC
SA	1353	CLR	20			246	47	27	02	17 G 25		024		JC
SA	1450	CLR	20			250	46	27	02	21 G 30		025		JC
SA	1553	CLR	20			256	43	23	06	10		026	210 1500 47 RADAT 41061	EP
SA	1651	CLR	20			259	40	24	07	06		027		EP
SA	1752	CLR	20			269	39	22	07	09		030		EP
SA	1853	CLR	20			270	38	21	06	05		031	114 1500	EP
SA	1950	CLR	20			271	37	22	05	08		031		EP
SA	2050	CLR	20			274	36	21	05	12		032		EP
SA	2154	CLR	20			272	35	22	03	14		031	002 47	EP
SA	2250	CLR	20			272	35	21	05	14		032		EP
SA	2351	CLR	20			270	35	20	05	15		032		EP

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

FM12-VII: IIIII $i_R i_X hVV$ Ndff $1s_nTTT$ $2s_pT_dT_dT_d$ $3P_oP_oP_oP_o$ 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: 31 DEC 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 53	26.780	29.6	28.5	87	0															0	6	.010	-		00-01
01 51	26.780	28.8	28.0	90	0															0					01-02
02 50	26.775	29.3	28.4	89	0															0					02-03
03 53	26.770	30.6	29.0	83	0															0	8	.010			03-04
04 52	26.760	35.3	31.5	68	0															0					04-05
05 51	26.760	36.6	31.4	57	0															0					05-06
06 53	26.770	38.5	32.5	53	0															0	5	.000			06-07
07 54	26.790	38.1	32.4	55	0															0					07-08
08 53	26.820	39.4	33.2	52	0															0					08-09
09 53	26.820	41.8	35.2	52	0															0	1	.050			09-10
10 54	26.820	42.0	35.5	53	0															0					10-11
11 55	26.800	45.1	37.6	50	0															0					11-12
12 54	26.800	46.2	38.5	50	0	0	Sc	50												0	7	.020			12-13
13 53	26.810	46.7	38.2	45	0															0					13-14
14 50	26.820	46.3	38.0	46	0															0					14-15
15 53	26.830	42.8	35.0	45	0	0	Sc	50												0	2	.030			15-16
16 51	26.840	39.6	33.4	52	0															0					16-17
17 52	26.865	38.6	32.2	50	0															0					17-18
18 53	26.870	37.8	31.6	51	0	0	Sc	50												0	1	.040			18-19
19 50	26.870	36.5	31.0	55	0															0					19-20
20 50	26.880	36.4	30.7	53	0															0					20-21
21 54	26.875	34.5	29.8	59	0															0	0	.005			21-22
22 50	26.880	34.9	29.8	56	0															0					22-23
23 51	26.880	35.1	29.7	54	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID TO 0349	X	0	0	X	31	29	X	X						X		
	0349	1	0	0	0	34	29		0								
	0948	2	0	0	0	48	30		0								
	1549	3	0	0	0	47	42		0								
	2150	4	0	0	0	43	35		0								
	MID.	X	0	0	0	35	35	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0950	1550	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.770	26.820	26.830	26.875
BAROGRAPH 64	26.770	26.820	26.820	26.880
BAR. CORR. 65	±0	±0	+0.10	-.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
47	29	0	0	0	30	N	1445					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: 0900P ⊖0 Sec.! 2130 ⊖0 Sec.! ± Sec.

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

☆U.S. G.P.O. 1982-564-008/1124