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

MONTH: August

YEAR: 1983

LATITUDE: 36° 37' N

LONGITUDE: 116° 01' W

GROUND ELEVATION (H): 3298 FT.

STANDARD TIME: Pacific

DAY	TEMPERATURE °F MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	DEGREE DAYS (Base 65°) HEATING	COOLING	PRECIPITATION (In.) TOTAL (Water equivalent)	SNOWFALL, ICE PELLETS	SNOW, ICE PELLETS OR ICE ON GROUND AT	WIND AVERAGE SPEED ~~(Miles)~~ KNOTS	FASTEST MILE SPEED ~~(Miles)~~ KNOTS	DIRECTION	~~SUNSHINE~~ ~~TOTAL (Mins)~~ Ave. STN P	PERCENT OF POSSIBLE SUN	SKY COVER SUNRISE TO SUNSET (Tenths)	WEATHER OCCURRENCES	RH 04	10	16	22
1	2	3	4	5	6a	6b	7	8	9	10	11	12	13	14	15	16				
1	90	76	83		0	18	T	0	0	8.0	30	E	26.69	29	8	RW-	41	37	30	39
2	99	69	84		0	19	0	0	0	7.5	29	W	26.68	83	2		50	30	18	24
3	102	75	89		0	24	0	0	0	8.3	30	SW	26.64	81	2		29	20	13	20
4	102	73	88		0	23	0	0	0	7.8	25	SW	26.66	76	7		29	18	9	15
5	105	70	88		0	23	0	0	0	4.3	14	W	26.68	86	3		20	12	11	16
6	102	69	86		0	21	.06	0	0	6.5	40	E	26.70	33	8	T, RW-	22	36	32	91
7	94	69	82		0	17	.02	0	0	6.4	22	SW	26.68	65	4	T, RW-	81	52	31	51
8	98	71	85		0	20	0	0	0	7.8	25	SW	26.60	63	4	T	74	38	25	29
9	84	66	75		0	10	.10	0	0	7.8	40	E	26.62	6	9	T, RW-	43	50	47	82
10	77	67	72		0	7	.52	0	0	6.4	21	SW	26.65	22	9	T, RW+	92	89	82	81
11	91	65	78		0	13	0	0	0	5.2	17	W	26.66	94	1		94	55	20	50
12	93	65	79		0	14	0	0	0	4.3	15	SE	26.65	73	3		77	40	21	39
13	98	75	87		0	22	0	0	0	4.7	17	SW	26.62	53	5		49	28	15	42
14	99	73	86		0	21	.04	0	0	6.5	30	SW	26.61	16	9	RW-	47	19	21	66
15	87	73	80		0	15	T	0	0	6.3	21	NE	26.66	11	10	T, RW-	56	55	43	64
16	81	67	74		0	9	.19	0	0	7.5	17	S	26.69	0	10	RW-	66	66	91	84
17	72	66	69		0	4	.43	0	0	6.0	14	SE	26.64	1	10	RW-, F	89	99	87	95
18	69	62	66		0	1	3.52	0	0	5.4	17	NW	26.61	0	10	RW+, F	100	94	92	95
19	77	64	71		0	6	.45	0	0	6.1	17	SW	26.66	4	10	T, RW	95	77	89	96
20	81	60	71		0	6	.04	0	0	4.3	12	NE	26.65	44	6	T, RW-	100	56	54	82
21	82	61	72		0	7	0	0	0	6.7	22	SW	26.64	73	3		91	53	33	45
22	84	59	72		0	7	0	0	0	6.5	24	SW	26.62	99	0		74	32	21	41
23	87	57	72		0	7	0	0	0	6.0	21	SW	26.60	100	0		67	23	17	42
24	88	58	73		0	8	0	0	0	8.0	29	S	26.64	100	0		71	24	11	29
25	91	61	76		0	11	0	0	0	5.4	20	SW	26.72	100	0		69	26	15	45
26	94	59	77		0	12	0	0	0	5.2	23	SW	26.71	100	0		56	18	8	35
27	95	60	78		0	13	0	0	0	6.3	23	SW	26.68	95	1		46	17	17	35
28	95	67	81		0	16	0	0	0	8.5	26	S	26.63	99	0		61	14	15	25
29	93	71	82		0	17	0	0	0	9.6	28	S	26.60	100	0		18	15	15	30
30	94	70	82		0	17	0	0	0	6.0	23	S	26.61	84	2		36	21	18	44
31	96	67	82		0	17	0	0	0	6.7	24	S	26.60	95	1		49	25	19	33
SUM	2800	2065	—	—	0	425	5.37	0	—	202.0	—	—	826.10	—	137	—	1892	1239	1020	1565
AVG	90.3	66.6	—	—	—	—	—	—	—	6.5	FASTEST	DIRECTION	~~MISC.~~	%		—	61	40	33	50
									MISC. →	40	E		26.65	61	4.4	—				

TEMPERATURE DATA

AVERAGE MONTHLY 78.5

DEPARTURE FROM NORMAL -3.7

HIGHEST 105 ON 5

LOWEST 57 ON 23

NUMBER OF DAYS WITH –

MAX. 32° OR BELOW 0

MAX. 90° OR ABOVE 19

MIN. 32° OR BELOW 0

MIN. 0° OR BELOW 0

HEATING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 0

DEPARTURE FROM NORMAL

SEASONAL TOTAL 0

DEPARTURE FROM NORMAL

COOLING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 425

DEPARTURE FROM NORMAL -116

SEASONAL TOTAL 1322

DEPARTURE FROM NORMAL

PRECIPITATION DATA

TOTAL FOR THE MONTH 5.37 IN.

DEPARTURE FROM NORMAL (4.95) IN.

GREATEST IN 24 HRS. 3.52 ON 18

SNOWFALL, ICE PELLETS

TOTAL FOR THE MONTH 0 IN.

GREATEST IN 24 HRS. ____ ON ____

GREATEST DEPTH ON GROUND ____ ON ____

WEATHER

NUMBER OF DAYS –

CLEAR (Scale 0–3) 16

PARTLY CLOUDY (Scale 4–7) 5

CLOUDY (Scale 8–10) 10

WITH 0.01 INCH OR MORE PRECIP. 10

WITH 0.10 INCH OR MORE PRECIP. 6

WITH 0.50 INCH OR MORE PRECIP. 2

WITH 1.00 INCH OR MORE PRECIP. 1

SYMBOLS USED IN COLUMN 16

T = thunder-storm

RW = rain shower

F = fog

MAXIMUM PRECIPITATION

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

HIGHEST ~~SEA LEVEL~~ STN 26.765 IN. ON 25

LOWEST ~~SEA LEVEL~~ 26.540 IN. ON 8

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, NV

DATE: 1 AUG 1983

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	0050	90 SCT 150 SCT	20			136	78	48	10	04		007	110 1130	EP
SA	0146	90 SCT E150 BKN	20			135	80	49	03	04		007		EP
SA	0250	90 SCT E150 BKN	20			144	78	50	14	03		008		EP
SA	0349	90 SCT E130 BKN	20			142	78	52	36	05		010	307 1170 77	SH
	—		—			—						—	RADAT 96143	—
SA	0446	E130 BKN	20			151	78	55	11	05		012		SH
SA	0548	E130 BKN	20			157	78	56	08	08		013		SH
SA	0649	E120 BKN 150 BKN	20			165	77	56	12	05		015	215 1070	SH
SA	0746	E120 BKN 150 OVC	20			167	80	56	10	09		015	TCU ALQDS RWU NW	SH
SA	0845	E120 BKN 150 BKN	20			165	83	54	16	02		015	CB RWU NW	SH
SA	0949	120 SCT E150 BKN	20			164	85	56	11	12		015	CB NW N AND S / 102	SH
	—		—			—						—	1370 77	—
SA	1048	120 SCT E150 BKN	20			162	86	56	11	15		014	CB W N AND E	SH
SA	1148	120 SCT E150 BKN	20			161	88	54	10	16	G28	014	CB E AND S	SH
SA	1249	120 SCT E150 BKN	20			159	87	57	11	20		013	CB E AND S / 707 1370	SH
SA	1348	120 SCT E150 BKN	20			151	88	57	11	14		011	CB E AND S RB03E20	SH
SA	1445	120 SCT 150 SCT E200 BKN	20			148	88	55	12	12		010	CB E AND S	SH
SA	1550	100 SCT 150 SCT E250 BKN	20			142	90	54	12	05		008	TCU NW-N / 71500 1233	EP
													90 RADAT 79142	
SA	1648	150 SCT E250 BKN	20			132	89	53	09	06		005		EP
SA	1748	150 SCT E250 BKN	20			132	90	52	13	08		005		EP
SA	1849	150 SCT 250 SCT	20			136	86	52	13	10		006	505 1031	EP
SA	1946	250 SCT	20			145	84	52	15	08		008		EP
SA	2048	250 SCT	20			152	81	52	12	06		011		EP
SA	2147	CLR	20			154	77	50	02	06		011	114 100190	EP
SA	2248	CLR	20			158	76	50	07	05		012		EP
SA	2347	250-SCT	20			160	76	53	12	05		013		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$N_hC_LC_MC_H$

☆ U.S. G.P.O. 1982-564-008/1123

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

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1 AUG 1983

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.660	78.2	60.0	35	2	1	CU	90	2	AC	150	2								2	1	030			00-01
01 46	26.660	79.5	60.7	34	7															7					01-02
02 50	26.670	77.9	60.5	37	8															8					02-03
03 49	26.680	77.8	61.7	41	8	1	CU	90	8	AC	E130	8								8	3	.020			03-04
04 46	26.695	78.4	63.2	44	8															8					04-05
05 48	26.710	78.4	63.6	46	8															8					05-06
06 49	26.725	77.2	63.7	49	8	6	AC	E120	2	AC	150	8								8	2	.045			06-07
07 46	26.730	79.8	64.5	45	10															10					07-08
08 45	26.730	83.3	64.2	36	9															9					08-09
09 49	26.730	85.0	65.7	37	7	4	CB	120	3	AC	E150	7								7	1	.005			09-10
10 48	26.720	85.6	66.1	36	6															6					10-11
11 48	26.715	87.7	66.0	32	6															6					11-12
12 49	26.710	86.6	67.1	37	8	3	CB	120	5	AC	E150	8								8	7	.020			12-13
13 48	26.690	87.6	67.0	35	7															7					13-14
14 45	26.680	88.0	66.3	33	8															8					14-15
15 50	26.665	89.6	66.3	30	8	1	CU	100	1	AC	150	2	6	CI	E250	8				7	7	.045			15-16
16 48	26.640	89.3	66.0	30	9															6					16-17
17 48	26.640	89.5	65.6	28	9															6					17-18
18 49	26.650	86.2	64.5	31	3	1	AC	150	2	CI	250	3								2	5	.015			18-19
19 46	26.670	83.7	63.5	33	1															1					19-20
20 48	26.690	81.2	62.6	36	1															1					20-21
21 47	26.690	77.0	60.3	39	0	0	CI	250												0	1	.040			21-22
22 48	26.700	76.0	60.2	41	0															0					22-23
23 47	26.710	75.8	61.3	45	1															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 0344		0	0		80	77										
	0344	1	0	0	0	88	77		0								
	0945	2	0	0	0	85	77		0								
	1545	3	T	0	0	90	85		0								
	2144	4	0	0	0	90	77		0								
	MID.		0	0	0	77	76										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0947	1546	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.680	26.730	26.665	26.690
BAROGRAPH 64	26.660	26.720	26.655	26.680
BAR. CORR. 65	+.020	*+.010	+.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
90	76	T	0	0	30	E	1215					8	6		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1303	1320			

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: 0545P ±4 Sec./ 1800P ±3 Sec./ ± Sec.

* BAROGRAM CHANGED - SET TO ZERO COR. 0955P.

RS/O
SP/O

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

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: 2 AUG 1983

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. SERVERS INITIALS (15)
SA	0056	CLR	20			159	74	51	12	05		012	003 1001	EP
SA	0146	CLR	20			159	72	49	11	03		012		EP
SA	0250	150 SCT 250 SCT	20			158	75	54	34	08		012		EP
SA	0350	250 -SCT	20			163	72	53	01	06		014	305 1071 72 RADAT 85147	SH
SA	0445	250 -SCT	20			170	70	51	08	03		015		SH
SA	0549	160 SCT 250 SCT	20			173	73	51	05	04		017		SH
SA	0648	CLR	20			174	79	53	14	03		017	212 1071	SH
SA	0746	CLR	20			174	82	52	25	02		017		SH
SA	0847	CLR	20			170	86	53	14	09		016	CU S	SH
SA	0949	90 SCT	20			169	89	53	14	06		016	805 1200 69	SH
SA	1048	90 SCT	20			162	94	53	17	10		015	CB DSNT E AND S	SH
SA	1147	90 SCT	20			155	95	49	23	12		013	CB DSNT E-SE	SH
SA	1246	90 SCT	20			145	96	51	21	12		010	TCU S/ 719 1200	SH
SA	1347	90 SCT	20			138	99	49	26	11		007	CB E-SE TCU ALQDS	SH
SA	1446	90 SCT	20			130	97	49	22	15	G23	005	CB SE MOVG E	SH
SA	1549	90 SCT	20			122	98	46	25	11		003	TCU E-SE/720 1200 99	EP
		~~90 SCT 250 SCT~~	~~2~~										RADAT 37158	
SA	1648	90 SCT 250 SCT	20			121	97	45	20	12		002	TCU NE-SE	EP
SA	1747	90 SCT 250 SCT	20			120	96	42	21	11		002	TCU NE-E	EP
SA	1847	250 SCT	20			119	92	41	22	07		002	~~603~~ TCU DSNT NW/603	EP
													1231	
SA	1946	CLR	20			123	89	43	18	07		003		EP
SA	2047	CLR	20			130	86	42	13	07		005		EP
SA	2149	CLR	20			132	85	45	18	06		006	214 99	EP
SA	2247	CLR	20			126	83	44	33	04		005		EP
SA	2348	CLR	20			127	81	45	04	06		005		EP

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

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

☆ U.S. G.P.O. 1982-564-008/1123

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

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 2 AUG 1983

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	26.700	73.8	59.7	45	0	0	Ci	250												0	0	.010			00-01
01 46	26.700	72.2	58.4	45	0															0					01-02
02 50	26.705	75.2	61.5	47	3															2					02-03
03 50	26.715	72.4	60.1	50	3	0	Ac	150	3	Ci	250	3								1	3	.015			03-04
04 45	26.730	70.0	58.6	52	5															2					04-05
05 49	26.745	73.1	59.5	46	4															4					05-06
06 48	26.750	79.0	62.6	41	0	0	Ac	160	0	Ci	250	0								0	2	.035			06-07
07 46	26.750	82.4	63.2	35	0															0					07-08
08 47	26.740	86.0	64.6	32	0															0					08-09
09 49	26.735	88.6	65.8	30	1	1	Cu	90												1	8	.015			09-10
10 48	26.725	93.8	67.3	26	2															2					10-11
11 47	26.705	95.0	65.7	21	2															2					11-12
12 46	26.680	96.4	67.0	22	4	4	Cu	90												4	7	.055			12-13
13 47	26.660	98.7	67.0	19	4															4					13-14
14 46	26.640	97.2	66.7	20	2															2					14-15
15 49	26.620	97.7	65.7	18	1	1	Cu	90												1	7	.060			15-16
16 48	26.610	96.5	64.8	17	1															1					16-17
17 47	26.610	95.8	63.6	16	1															1					17-18
18 47	26.610	92.3	62.0	17	1	0	Cu	90	0	Ac	150	0	1	Ci	250	1				1	6	.010			18-19
19 46	26.620	89.1	61.5	20	0															0					19-20
20 47	26.640	85.9	60.3	22	0															0					20-21
21 49	26.650	85.4	61.0	24	0															0	2	.040			21-22
22 47	26.640	82.8	60.0	26	0															0					22-23
23 48	26.640	80.8	59.6	28	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	76	72	X	X						X		
	0345	1	0	0	0	77	72		0								
	0944	2	0	0	0	89	69		0								
	1545	3	0	0	0	99	89		0								
	2144	4	0	0	0	98	85		0								
	MID.	X	0	0	0	85	81	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0946	1546	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.715	26.735	26.620	26.650
BAROGRAPH 64	26.705	26.735	26.610	26.630
BAR. CORR. 65	+.010	0	+.010	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
99	69	0	0	0	29	W	1327					2	1		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK-CLOCK AT: 0550P ±4 Sec./ 2130P ±3 Sec./ ± Sec.

1648/1648

1847/1847

RS/0

SP/0

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

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 3 AUG 1983

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.640	80.7	60.0	30	1	1	AC	150												1	6	.010			00-01
01 48	26.640	81.0	59.4	28	2															2					01-02
02 50	26.640	81.7	59.7	27	5															4					02-03
03 50	26.650	80.7	59.7	29	5	5	AC	120												5	3	.010			03-04
04 48	26.670	76.0	57.1	31	3															3					04-05
05 48	26.675	77.2	58.0	31	1															1					05-06
06 48	26.690	83.5	60.9	27	0	0	AC	140												0	2	.040			06-07
07 48	26.690	88.0	62.6	24	0															0					07-08
08 47	26.690	90.9	63.0	21	0															0					08-09
09 50	26.690	94.7	65.1	20	1	1	CU	100	0	AC	140	1								1	4	.000			09-10
10 47	26.680	94.8	66.4	22	3															3					10-11
11 46	26.655	98.2	66.0	18	4															4					11-12
12 49	26.630	100.0	66.2	16	3	3	CU	100	0	AC	150	3								3	8	.060			12-13
13 48	26.620	100.6	66.3	16	3															3					13-14
14 50	26.600	100.1	66.2	16	2															2					14-15
15 50	26.590	100.6	65.1	13	2	2	CB	100												2	7	.040			15-16
16 50	26.585	99.4	64.2	13	2															2					16-17
17 50	26.580	97.0	63.5	14	1															1					17-18
18 50	26.585	94.2	63.3	17	1	1	CU	100	0	CI	250	1								1	5	.005			18-19
19 50	26.600	91.8	62.9	19	2															2					19-20
20 45	26.620	88.4	60.4	19	2															2					20-21
21 50	26.630	87.2	60.2	20	2	1	CB	80	1	CU	100	2								2	2	.045			21-22
22 50	26.650	85.0	60.0	22	1															1					22-23
23 50	26.655	81.0	57.8	23	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	82	79	X	X						X		
	0345	1	0	0	0	85	79		0								
	0946	2	0	0	0	95	75		0								
	1546	3	0	0	0	102	95		0								
	2146	4	0	0	0	101	67		0								
	MID.	X	0	0	0	87	81	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.650	26.690	26.590	26.630
BAROGRAPH 64	26.640	26.680	26.585	26.630
BAR. CORR. 65	+.010	+.010	+.005	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
102	75	0	0	0	30	SW	1551					2	2		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0511P ±3 Sec./ 2252P ±3 Sec./ ± Sec.

1850P/1850P/

R/S = 0

S/P = 0

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: 3 AUG 1983

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0049	150 SCT	20			126	81	46	04	08		005	603 1030	EP
SA	0148	90 SCT 150 SCT	20			125	81	44	04	08		005		EP
SA	0250	90 SCT 150 SCT	20			125	82	45	01	07		005		EP
SA	0350	120 SCT	20			131	81	45	01	05		006	303 1030 79 RADAT 81145	JD
SA	0448	120 SCT	20			141	76	43	05	03		008		JD
SA	0548	130 SCT	20			143	77	44	05	03		009		JD
SA	0648	CLR	20			147	84	45	23	03		011	214 1030	JD
SA	0748	CLR	20			146	88	46	24	03		011		JD
SA	0847	CLR	20			146	91	45	23	04		011		JD
SA	0950	100 SCT 140 SCT	20			145	95	47	25	09		011	TCU DSNT NW 400 1230 75	JD
SA	1047	100 SCT 140 SCT	20			142	95	50	24	12 G20		010		JD
SA	1146	100 SCT 150 SCT	20			132	98	47	22	12 G21		007		JD
SA	1249	100 SCT 150 SCT	20			121	100	46	24	14 G24		004	820 1230	JD
SA	1348	100 SCT 150 SCT	20			117	101	45	20	17		003		JD
SA	1450	100 SCT 150 SCT	20			110	100	46	20	11 G23		001		JD
SA	1550	100 SCT	20			106	101	42	22	12 G20		999	714 1300 02 RADAT 37157	WRG
SA	1650	100 SCT	20			105	99	40	21	10 G18		999	CB NE MOUG N	WRG
SA	1750	100 SCT	20			105	97	41	24	14		998	CB DSNT NE MOUG N	WRG
SA	1850	100 SCT 250 SCT	20			106	94	43	21	13		999	CB NE MOUG N SQ2 1205	WRG
SA	1950	80 SCT 100 SCT 250 SCT	20			111	92	44	20	11		001	CB DSNT NE OCNL LTGIC	WRG
SA	2045	80 SCT 100 SCT	20			117	88	41	25	06		003	CB NE OCNL LTGIC LTC MOUNT	WRG
SA	2150	80 SCT 100 SCT	20			121	87	41	09	04		004	CB NE MOUG N OCNL LTGIC	/
													215 1900 02	WRG
SA	2250	100 SCT	20			129	85	42	25	06		006	CB MOUG N	WRG
SA	2350	CLR	20			132	81	40	02	05		007		WRG

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

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

U.S. G.P.O. 1982-564-008/1123

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

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 AUG 4

To convert LST to GMT ADD 3 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	26655	79.3	57.4	25	0	0	Sc	100												0	1	.025			00-01
01 50	26655	75.4	56.0	30	1															0					01-02
02 50	26660	79.0	54.0	28	1															0					02-03
03 50	26.660	76.3	56.8	29	5	5	Ci	250												0	1	.005			03-04
04 50	26.670	75.5	56.1	29	9															1					04-05
05 48	26.685	76.7	57.1	29	9															3					05-06
06 46	26.690	82.3	59.2	25	9	9	Ci	250												4	3	.030			06-07
07 49	26.695	85.5	60.5	23	8															3					07-08
08 47	26.695	91.3	63.3	21	8															2					08-09
09 50	26.700	93.7	63.2	18	8	1	Cu	100	7	Ci	250	8								2	1	.010			09-10
10 48	26.685	97.0	64.6	16	9															2					10-11
11 47	26.670	98.0	64.4	15	9															3					11-12
12 49	26.650	99.9	64.1	13	8	1	Cu	100	7	Ci	250	8								2	8	.050			12-13
13 47	26.635	101.1	63.2	10	3															1					13-14
14 50	26.615	102.3	63.1	9	3															1					14-15
15 50	26.615	100.3	62.0	9	5	2	Cu	100	3	Ci	250	5								2	6	.035			15-16
16 50	26.615	99.0	60.1	7	3															2					16-17
17 50	26.615	97.6	60.0	8	6															3					17-18
18 50	26.630	94.4	59.4	10	7	1	Sc	100	6	Ci	250	7								3	3	.015			18-19
19 50	26.650	90.8	58.3	11	7															3					19-20
20 50	26.660	89.3	58.2	13	7															3					20-21
21 50	26.675	84.4	56.1	15	5	5	Ci	250												2	2	.045			21-22
22 50	26.680	82.2	55.1	15	4															2					22-23
23 50	26690	78.4	53.2	16	3															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	81	74	X	X						X		
	0345	1	0	0	0	87	74		0								
	0946	2	0	0	0	94	73		0								
	1546	3	0	0	0	102	94		0								
	2146	4	0	0	0	109	84		0								
	MID.	X	0	0	0	84	78	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26660	26.700	26.615	26675
BAROGRAPH 64	26625	26.680	26.605	26655
BAR. CORR. 65	+.035	+.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 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
102	73	0	0	0	25	SW	1717					7	6		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0532 P @ 3 Sec./ 2305 P @ 3 Sec./ ± Sec.

RIS = 0

SP = 0

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: 1983 AUG 4

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERIES INITIALS (15)
SA	0050	CLR	20			132	79	41	06	03		007	108 1400	WRG
SA	0150	250 - SCT	20			134	76	42	01	04		007		WRG
SA	0250	250 - SCT	20			134	79	43	11	06		007		WRG
SA	0350	250 - SCT	20			135	76	42	09	04		007	102 1006 74 RADAT 56146	JD
SA	0450	250 - BKN	20			139	76	41	13	07		008		JD
SA	0548	250 - BKN	20			145	77	42	28	04		011		JD
SA	0646	250 - BKN	20			145	82	43	18	02		011	310 1006	JD
SA	0749	250 - BKN	20			148	86	43	26	03		012		JD
SA	0847	250 - BKN	20			147	91	45	22	04		012		JD
SA	0950	100 SCT 250 - BKN	20			148	94	43	18	05		012	103 1101 73	JD
SA	1048	100 SCT 250 - BKN	20			142	97	44	20	10		011		JD
SA	1147	100 SCT 250 - BKN	20			138	98	42	24	17		008		JD
SA	1249	100 SCT 250 - BKN	20			130	100	40	22	10	G21	006	817 1101	JD
SA	1347	100 SCT 250 - SCT	20			125	101	35	21	13	G23	005		JD
SA	1450	100 SCT 250 - SCT	20			115	102	33	20	16		003		JD
SA	1550	100 SCT 250 - SCT	20			116	100	31	21	11	G23	003	612 1101 02 RADAT 20157	WRG
SA	1650	100 SCT 250 SCT	20			117	99	25	25	12	G20	003		WRG
SA	1750	100 SCT 250 - BKN	20			116	98	26	25	16		003		WRG
SA	1850	100 SCT 250 - BKN	20			123	94	29	22	09		004	305 1401	WRG
SA	1950	250 - BKN	20			132	91	30	22	07		006		WRG
SA	2050	250 - BKN	20			133	89	31	21	07		007		WRG
SA	2150	250 - SCT	20			140	84	31	00	00		009	215 1001 02	WRG
SA	2250	250 - SCT	20			142	82	30	02	07		010		WRG
SA	2350	250 - SCT	20			148	78	28	03	11		011		WRG

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

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp $6RRR_{t_R}$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

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

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 AUG 5

To convert LST to GMT ADD 9 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	26.700	78.2	54.3	19	4	4	Ci	250												2	2	.025			00-01
01 50	26.700	78.2	53.4	17	3															1					01-02
02 50	26.700	74.2	52.0	20	3															1					02-03
03 50	26.700	72.8	51.0	20	6	6	Ci	250												0	5	.000			03-04
04 49	26.720	71.7	50.9	21	7															0					04-05
05 48	26.730	74.8	52.6	20	6															0					05-06
06 49	26.740	79.7	55.4	19	1	0	Ac	150	1	Ci	250	1								0	2	.040			06-07
07 48	26.745	87.0	57.8	15	1															1					07-08
08 48	26.740	93.6	60.2	12	2															0					08-09
09 50	26.735	95.6	61.1	12	1	0	Cu	100	1	Ac	150	1								0	8	.005			09-10
10 47	26.720	96.8	61.9	12	3															2					10-11
11 47	26.700	100.9	63.1	10	2															2					11-12
12 48	26.680	102.6	63.9	10	2	2	Ac	120	0	Ac	150	2								2	7	.055			12-13
13 49	26.660	103.5	64.1	10	2															2					13-14
14 50	26.640	102.6	64.7	11	1															1					14-15
15 50	26.620	103.4	64.9	11	3	1	Cu	120	2	Ci	250	3								1	7	.060			15-16
16 50	26.600	103.0	65.0	11	3															2					16-17
17 50	26.600	102.4	65.0	12	8															4					17-18
18 50	26.600	98.4	63.7	13	8	3	Sc	100	5	Ci	250	8								4	6	.020			18-19
19 50	26.620	94.4	62.2	15	9															4					19-20
20 45	26.650	91.3	60.3	15	5															3					20-21
21 50	26.665	89.6	60.0	16	5	3	Sc	100	2	Ci	250	5								3	2	.065			21-22
22 50	26.665	88.5	60.0	17	7															3					22-23
23 50	26.665	87.4	59.1	17	8															4					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	79	72	X	X						X		
	0345	1	0	0	0	84	72		0								
	0945	2	0	0	0	98	70		0								
	1548	3	0	0	0	105	96		0								
	2146	4	0	0	0	105	90		0								
	MID.	X	0	0	0	90	87	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.700	26.735	26.620	26.665
BAROGRAPH 64	26.680	26.720	26.625	26.655
BAR. CORR. 65	+.020	+.015	-.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
105	70	0	0	0	14	W	1213					3	4		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0520P ⊖3 Sec./ 2310P ⊖4 Sec./ ± Sec.

2045P/2045P

*0954P Barograph Changed 0 corr.

RIS=0

SP=0

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

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: 1983 AUG 5

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0050	250 - SCT	20			150	78	33	03	04		012	208 1001	WRG
SA	0150	250 - SCT	20			149	78	30	09	07		012		WRG
SA	0250	250 - SCT	20			150	74	30	06	03		012		WRG
SA	0350	250 - BKN	20			152	73	29	04	03		012	500 1001 72 RADAT 20163	JD
SA	0449	250 - BKN	20			161	72	30	09	02		014		JD
SA	0548	250 - BKN	20			165	75	31	23	02		015		JD
SA	0649	250 - SCT	20			166	80	34	32	02		016	214 1051	JD
SA	0748	150 SCT 250 SCT	20			167	87	33	32	03		017		JD
SA	0848	150 - SCT 250 - SCT	20			163	94	33	30	02		016		JD
SA	0950	150 - SCT	20			162	96	34	03	04		016	802 1130 70	JD
SA	1047	150 SCT	20			156	97	35	09	04		014		JD
SA	1147	120 SCT 150 SCT	20			149	101	35	32	06		012		JD
SA	1248	120 SCT 150 SCT	20			140	103	36	26	08		010	719 1070	JD
SA	1349	120 SCT 150 SCT	20			132	104	35	34	06		007		JD
SA	1450	120 SCT 250 SCT	20			127	103	39	12	03		005		JD
SA	1550	120 SCT 250 - SCT	20			119	104	38	31	04		003	720 110105 RADAT 28162	WRG
SA	1650	120 SCT 250 SCT	20			113	103	39	32	05		001		WRG
SA	1750	100 SCT 250 - BKN	20			112	102	40	23	09		001		WRG
SA	1850	100 SCT 250 - BKN	20			112	98	40	26	07		001	607 1401	WRG
SA	1950	100 SCT 250 - BKN	20			117	94	39	00	00		003		WRG
SA	2045	100 SCT 250 SCT	20			128	91	37	05	05		006		WRG
SA	2150	100 SCT 250 SCT	20			134	90	37	12	03		008	222 1401 05	WRG
SA	2250	100 SCT 250 - BKN	20			134	89	39	13	04		008		WRG
SA	2350	100 SCT 250 - BKN	20			132	87	37	03	07		008		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 Ndddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ $8N_hC_LC_MC_H$

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: 08-06-83

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.660	85.3	58.4	18	5	2	SC	100	3	CI	250	5								2	8	.005			00-01
01 50	26.660	85.8	59.0	19	4															3					01-02
02 50	26.660	85.6	59.0	19	5															2					02-03
03 50	26.670	83.1	58.6	22	10	6	AC	E140	4	CS	250	10								6	3	.010			03-04
04 48	26.675	84.4	59.6	22	10															9					04-05
05 49	26.690	84.8	60.1	23	10															8					05-06
06 48	26.700	87.5	61.4	22	9	6	AC	E140	3	CS	250	9								7	1	.030			06-07
07 49	26.710	90.8	64.9	25	9															8					07-08
08 47	26.705	92.6	67.9	28	10															9					08-09
09 50	26.705	93.8	71.9	36	8	0	CU	100	7	AC	E140	7	1	AC	160	8				8	1	.005			09-10
10 50	26.690	99.0	72.1	28	7															6					10-11
11 48	26.680	98.3	69.8	24	7															6					11-12
12 48	26.660	99.6	71.4	26	3	0	CB	100	2	AC	140	2	1	AC	160	3				3	8	.045			12-13
13 48	26.640	99.4	72.4	28	2															2					13-14
14 50	26.620	99.6	70.1	23	7															5					14-15
15 50	26.630	91.0	68.2	32	8	6	CB	E100	2	CI	250	8								7	5	.030			15-16
16 50	26.630	93.2	69.8	31	8															7					16-17
17 50	26.630	92.6	68.0	29	9															8					17-18
18 50	26.690	83.0	68.1	48	9	8	CB	E100	1	CI	250	9								8	3	.060			18-19
19 50	26.760	79.0	69.0	61	10															10					19-20
20 50	26.820	73.1	69.4	84	10															10					20-21
21 50	26.810	72.2	70.1	91	10	10	CB	E80												10	0	.120			21-22
22 50	26.800	72.4	68.0	81	10															10					22-23
23 50	26.820	73.2	68.0	77	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	X	0	0	X	87	83	X	X						X		
	0345	1	0	0	0	90	83		0								
	0945	2	0	0	0	94	83		0								
	1546	3	T	0	0	102	91		0								
	2146	4	.06	0	0	94	69		1								
	MID.	X	T	0	0	73	71	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.670	26.705	26.630	26.810
BAROGRAPH 64	26.655	26.700	26.630	26.805
BAR. CORR. 65	+.015	+.005	±.0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
102	69	.06	0	0	40	E	1951					8	8		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	1042	1110			
RW-	1120	1129			
RW-	1538	1605			
T	1640	2130			
RW-	1958	2240			

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: 0504P ±3 Sec./ 2257P ±3 Sec./ ± Sec.

SP/4
RS/2

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

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: 1983 AUG 6

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0050	100 SCT 250-SCT	20			131	85	37	12	05		007	802 1401	WRG
SA	0150	100 SCT 250 SCT	20			130	86	39	02	03		007		WRG
SA	0250	100 SCT 250-SCT	20			131	86	39	00	00		007		WRG
SA	0350	E140 BKN 250 OVC	20			135	83	40	14	04		008	303 1058 83 RADAT 97154	JD
SA	0448	E140 BKN 250 OVC	20			137	84	42	21	02		009	VIRGA NW	JD
SA	0549	E140 BKN 250 OVC	20			143	85	43	31	04		011	VIRGA NW	JD
SA	0648	E140 BKN 250 BKN	20			146	88	44	27	02		012	110 1038	JD
SA	0749	E140 BKN 250 BKN	20			150	91	50	30	02		013		JD
SA	0847	E140 BKN 250 OVC	20			149	93	55	27	03		013		JD
SA	0950	E140 BKN 160 BKN	20			150	94	62	11	06		013	TCU SW/ 102 1270 83	JD
SP	1042	140 SCT E160 BKN	20		T				27	05		011	TB42 TS MOVE W	JD
—	—												RWU S OCNL LTGCG	—
SA	1050	140 SCT E160 BKN	20		T	143	99	60	28	08		011	TB42 TS MOVE W	JD
—	—												RWU S OCNL LTGCG	—
SP	1110	140 SCT E160 BKN	20						23	14	G21	011	TE10 MOVD W VIRGA SW	JD
—	—												CB DSNT NW	—
SA	1148	140 SCT E160 BKN	20			139	98	56	26	06		010	TE10 RB30 E29 VIRGA W	JD
—	—												TCU SE NW-N	—
SA	1248	140 SCT 160 SCT	20			132	100	58	20	07		007	CB DSNT NW RWU SE	JD
—	—												81500 1370	—
SA	1348	140 SCT 160 SCT 250 SCT	20			124	99	60	20	13		005	CB NE AND SW MOVG NW	JD
—	—												RWU SW	—
SA	1450	140 SCT 160 SCT E250 BKN	20			116	100	56	26	08		003	CB SW DSIPTD CB NE AND	JD
—	—												SE MOVG NW OCNL LTGCG SE	—
SA	1550	E100 BKN 250 BKN	20		RW-	124	91	57	20	14	G24	004	RB38 CB OVHD MOVG NW	—
—													51000 1302 02 RADAT 64160	WRG
RS	1650	E100 BKN 250 BKN	20		T	123	93	59	21	07		004	RE05 TB40 TALQDS MOVG	—
—													NW RWU SE	WRG
SA	1750	E100 BKN 250 BKN	20		T	123	93	55	20	04		004	TALQDS MOVG NW LTGICCG	—
—													SE RWU SE	WRG
SP	1828	E100 BKN 250 OVC	20		T				36	28	G34	008	TALQDS MOVG NW OCNL	—
—													LTGICCG	WRG
SA	1850	E100 BKN 250 BKN	20		T	150	83	61	01	20	G34	011	TALQDS MOVG NW FQT	—
—													LTGICCG PRESRR PKWND	—
—													3637/21 32000 1301	WRG
SA	1950	E100 OVC	20		T	175	79	65	09	10	G20	018	TALQDS MOVG NW FQT	—
—													LTGICCG PRESRR	WRG
SP	2010	E100 OVC	20		TRW-				12	20	G30	020	T OVHD MOVG NW	WRG
SA	2050	E80 OVC	15		TRW-	202	73	68	05	09		025	T OVHD MOVG NW RB0358	—
—													OCNL LTGICCG PKWND 0940/	—
—													0351	WRG
RS	2150	E80 OVC	20		RW-	198	72	69	18	05		024	TE30 MOVD N 04106 13// 02	WRG
SA	2250	E80 OVC	20			191	72	66	05	07		023	RE40 CB SE THRUS MOVG	—
—													NW OCNL LTGIC	WRG
SA	2350	E80 OVC	20			200	73	66	25	07		025	CB SE THRUS MOVG NW	—
													OCNL LTGICCG	WRG

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

FM12-VII: IIiii iRixhVV Nddff 1snTTT 2snTdTdTd 3PoPoPoPo 4PPPP 5appp 6RRRtR 7wwW1W2 8NhCLCMCH

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: 1983 AUG 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.
00 50	26.830	71.8	68.2	85	10	10	CB	E40												10	3	.020			00-01
01 50	26.780	70.5	67.2	85	10															10					01-02
02 50	26.770	70.2	68.0	90	10															10					02-03
03 50	26.710	71.3	67.1	81	10	10	SC	E80												10	7	.120			03-04
04 46	26.710	72.9	65.3	68	9															8					04-05
05 50	26.710	73.6	66.3	69	9															8					05-06
06 50	26.720	75.9	66.6	63	4	1	AC	150	3	CI	250	4								4	3	.010			06-07
07 48	26.728	77.6	67.2	59	2															2					07-08
08 51	26.730	81.3	69.0	55	1															1					08-09
09 46	26.740	81.6	68.3	52	0	0	CU	60	0	CI	250	0								0	3	.020			09-10
10 50	26.740	86.4	67.4	38	0															0					10-11
11 49	26.720	87.9	68.3	38	2															2					11-12
12 50	26.700	89.4	68.2	35	2	1	CU	80	1	CS	250	2								2	8	.040			12-13
13 49	26.660	92.9	69.4	32	3															2					13-14
14 45	26.650	92.3	69.1	32	4															3					14-15
15 48	26.610	93.0	69.1	31	7	2	CU	80	5	CI	E250	7								4	7	.090			15-16
16 49	26.605	94.3	68.6	28	7															4					16-17
17 49	26.605	91.3	67.3	29	9															5					17-18
18 48	26.630	89.5	68.0	34	8	6	CB	E80	2	CI	250	8								8	3	.020			18-19
19 46	26.645	80.8	70.2	60	9															9					19-20
20 48	26.660	81.7	67.0	48	4															4					20-21
21 45	26.670	80.2	66.7	51	3	2	SC	80	1	CI	250	3								3	2	.040			21-22
22 52	26.650	79.1	67.3	56	1															1					22-23
23 49	26.640	78.5	67.7	59	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	.02	0	X	73	69	X	X						X		
	0345	1	.02	0	0	73	69		1								
	0942	2	0	0	0	83	71		1								
	1544	3	0	0	0	94	82		0								
	2142	4	T	0	0	94	79		0								
	MID.	X	0	0	0	80	79	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0945	1548	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.710	26.740	26.610	26.670
BAROGRAPH 64	26.710	26.740	26.600	26.645
BAR. CORR. 65	±0	±0	+.010	+.025

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML 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
94	69	.02	0	0	22	SW	2049					4	5		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0015	0230			
T	0016	0135			
T	1821	2020			
RW-	1850	1905			

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: 0819P ±4 Sec./ 1812P ±4 Sec./ ± Sec.

0050P/SLP 203/0600P 0050P/RMKS TB18 RB15/0600P

SP/3
RS/1

MF1-10B (1-82) SUPERSEDES MF1-10B (2-70) WHICH MAY BE USED

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: 1983 AUG 7

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)
SP	0020	E80 OVC	15		TRW-				03	09		024	RB15 TB18 TOVHD	WRG
SA	0050	E 80 OVC	15		TRW-	~~203~~ 023	72	67	10	03		026	TOVHD MOVG NW OCNL LTGIC *	—
													30700 13// * TB18 RB15	WRG
RS	0150	E 80 OVC	20		RW-	184	71	66	08	03		021	TE 35 MOVD NW	WRG
SA	0250	E 80 OVC	20			180	70	67	08	08		019	RE 30	WRG
SA	0350	E 80 OVC	20			161	71	65	09	09		013	PRESFR 74102 1411 69 *	—
													RADAT 97147 * 20008	WB
SA	0446	E 80 BKN 200 BKN	20			159	73	62	10	10		013		WB
SA	0550	80 SCT E160 BKN 250 BKN	20			159	74	63	09	03		013		WB
SA	0650	150 SCT 250 SCT	20			166	76	62	34	03		014	303 1033	WB
SA	0748	250 SCT	20			167	78	62	23	06		014		WB
SA	0851	250 SCT	20			172	81	64	27	07		015		WB
SA	0946	CLR	20			177	82	62	21	08		016	307 1101 69	WB
SA	1050	CLR	20			174	86	58	24	08		016		WB
SA	1149	80 SCT 250 SCT	20			165	88	59	20	08		014		WB
SA	1250	80 SCT 250 SCT	20			158	89	58	31	03		012	814 1208	WB
SA	1349	80 SCT 250 SCT	20			141	93	58	26	06		007		WB
SA	1445	80 SCT 250 SCT	20			137	92	58	21	06		006		WB
SA	1548	80 SCT E250 BKN	20			121	93	58	22	04		002	TCU SE / 730 1202 94	WB
—	—												RADAT 63154	—
SA	1649	80 SCT E250 BKN	20			119	94	56	23	09		002	TCU NE AND SE	WB
SA	1749	80 SCT E250 BKN	20			119	91	55	22	07		002	CB RWU SE	WB
SP	1823	80 SCT E250 BKN	20		T				26	06		002	TS MOVG N TB21	WB
—	—												RWU S OCNL LTGICGG S	—
SA	1848	E80 BKN 250 BKN	20		T	129	90	57	20	07		004	TB21 S-SW MOVG NW	WB
—	—												OCNL LTGIC / 307 1903	—
SA	1946	E80 BKN 250 BKN	20		T	139	81	66	18	07		006	T SW MOVG NW OCNL	WB
—	—												LTGIC S-W RB025DE05	—
SP	2024	E80 BKN 250 BKN	20						25	04		006	TE20 MOVD NW OCNL	WB
—	—												LTGIC SW	—
SA	2048	80 SCT 250 SCT	20			141	82	60	25	15		007	TE20 MOVD NW OCNL	WB
—	—												LTGIC SW	—
SA	2145	80 SCT 250 SCT	20			146	80	60	28	07		008	24100 1403 94	WB
SA	2252	250 SCT	20			136	79	62	03	03		006		WB
SA	2349	CLR	20			133	79	63	06	03		005		WB

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

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

☆ U.S. G.P.O. 1982-564-008/1123

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

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: **1983 AUG 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 48	26.630	75.9	69.0	72	3	3	CI	250												1	6	.040			00-01
01 51	26.630	74.7	68.0	72	3															1					01-02
02 50	26.630	74.8	68.0	72	2															0					02-03
03 49	26.630	74.3	68.0	74	5	5	CS	250												2	4	.000			03-04
04 50	26.630	74.0	68.5	77	4															3					04-05
05 47	26.630	73.4	67.1	73	2															2					05-06
06 50	26.630	79.6	68.3	58	3	2	AC	180	1	CS	250	3								3	4	.000			06-07
07 46	26.640	81.9	68.4	52	3															3					07-08
08 45	26.650	82.4	68.2	50	6															3					08-09
09 47	26.645	86.9	67.7	38	6	1	CU	80	2	AC	180	3	3	CS	250	6				3	0	.015			09-10
10 50	26.630	87.8	67.5	36	6															3					10-11
11 51	26.610	91.3	66.6	28	4															4					11-12
12 50	26.590	93.8	68.3	28	4	2	CU	80	2	CS	250	4								3	8	.055			12-13
13 50	26.570	96.6	68.9	25	4															4					13-14
14 50	26.550	97.6	68.8	24	5															5					14-15
15 47	26.540	95.7	68.0	25	3	2	CB	80	1	CI	250	3								3	6	.050			15-16
16 45	26.530	94.9	67.0	24	3															3					16-17
17 45	26.530	93.1	66.1	24	5															4					17-18
18 50	26.540	91.0	64.7	24	7	3	CB	80	4	CI	250	7								6	5	.000			18-19
19 46	26.550	89.6	64.3	25	8															7					19-20
20 46	26.560	88.7	64.1	26	5															4					20-21
21 47	26.570	87.1	64.1	29	5	3	SC	80	2	CI	250	5								4	2	.030			21-22
22 49	26.585	86.0	63.7	30	4															4					22-23
23 45	26.590	84.3	64.7	35	7															7					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0342		0	0		79	74										
	0342	1	0	0	0	80	74		0								
	0941	2	0	0	0	88	71		0								
	1543	3	0	0	0	98	87		0								
	2143	4	0	0	0	96	87		0								
	MID.		0	0	0	87	84										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0946	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.630	26.645	26.540	26.570
BAROGRAPH 64	26.615	26.640	26.530	26.550
BAR. CORR. 65	+.015	+.005	+.010	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
98	71	0	0	0	25	SW	1616					4	5		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	1811	1830			
T	2340	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: 1257P ±4 Sec./ 1835P ±4 Sec./ ± Sec.

1850P/1850P

SP/2

RS/1

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: 1983 AUG 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 (Hgs.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0048	250 - SCT	20			129	76	66	16	04		004	614 1003	HH
SA	0151	250 - SCT	20			128	75	65	17	03		004		HH
SA	0250	250 - SCT	20			128	75	65	12	05		004		HH
SA	0349	250 - SCT	20			128	74	65	20	05		004	400 1008 74 RADAT 93148	HH
SA	0450	180 SCT 250 SCT	20			128	74	66	06	02		004		HH
SA	0547	180 SCT 250 SCT	20			129	73	64	15	03		004		HH
SA	0650	180 SCT 250 SCT	20			128	80	63	29	03		004	400 1038	HH
SA	0746	180 SCT 250 SCT	20			134	82	62	21	08		005		HH
SA	0845	80 SCT 180 SCT 250-BKN	20			137	82	62	21	10		006		HH
SA	0947	80 SCT 180 SCT 250-BKN	20			135	87	58	21	08		006	005 1238 71	HH
SA	1050	80 SCT 180 SCT 250-BKN	20			128	88	57	21	10		004		HH
SA	1151	80 SCT 250 SCT	20			119	91	53	24	13		002	TCU SE	HH
SA	1250	80 SCT 250 SCT	20			111	94	55	21	10	G19	999	TCU NW NE SE 819 1208	HH
SA	1350	80 SCT 250 SCT	20			104	97	55	23	11		997	TCU NE-SE	HH
SA	1450	80 SCT 250 SCT	20			096	98	54	22	15	G22	995	✱ CB DSNT NW	HH
SA	1547	80 SCT 250 SCT	20			091	96	54	24	15		994	✱ 617 1903 98 RADAT 52157	HH
SA	1645	80 SCT 250 SCT	20			089	95	52	24	08		993	CB DSNT SE AND NW	HH
SA	1745	80 SCT 250 SCT	20			090	93	51	22	10		993	CB NE-SE RWU SE	HH
SP	1813	80 SCT 250 SCT	20		T				21	13		993	TB11 SE MOVE N	HH
SP	1832	80 SCT 250 SCT	20						22	13		993	TE30 CB NE-SE RWU SE	HH
SA	1850	80 SCT E 250 BKN	20			092	91	49	23	13		994	~~TE30~~ CB NE SE DSNT	HH
—	—										TB11	E30	W AND NW/500 1903	—
SA	1946	80 SCT E 250 BKN	20			096	90	49	23	10		995	CB LTGIC DSNT W AND NW	HH
SA	2046	80 SCT 250 SCT	20			099	89	50	22	05		996		HH
SA	2147	80 SCT 250 SCT	20			101	87	51	34	09		997	210 1403 98	HH
SA	2249	80 SCT 250 SCT	20			107	86	51	29	05		999		HH
RS	2345	E80 BKN 250 BKN	20		T	108	84	54	31	03		999	TSW MOVG N TB40	HH
													OCNL LTGIC SW	—

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

FM12-VII: IIiii iRixhVV Nddff 1snTTT 2snTdTdTd 3P0P0P0P0 4PPPP 5appp 6RRRtR 7wwW1W2 8NhCLCMCH

☆ U.S. G.P.O. 1983-554-008/1123

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

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1983 AUG 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. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 47	26.585	82.2	64.6	40	5	3	CB	80	2	CI	250	5								5	0	.015			00-01
01 49	26.585	80.5	65.0	45	4															4					01-02
02 52	26.580	81.3	64.0	40	4															4					02-03
03 51	26.580	79.8	64.0	43	4	2	CB	80	2	CI	250	4								4	7	.005			03-04
04 51	26.610	77.6	64.0	49	10															10					04-05
05 50	26.620	72.3	66.2	74	10															10					05-06
06 45	26.640	74.8	65.4	61	9	3	CB	80	3	AC	E150	6	3	CS	250	9				9	2	.060			06-07
07 48	26.660	76.4	67.8	65	9															9					07-08
08 51	26.670	79.7	67.3	54	9															9					08-09
09 48	26.670	80.4	66.8	50	10	2	CU	80	6	AC	E150	8	2	CS	250	10				10	1	.030			09-10
10 50	26.670	80.6	68.0	54	10															10					10-11
11 50	26.660	82.4	68.0	49	10															10					11-12
12 51	26.640	82.4	68.6	51	10	2	CB	60	6	AC	E140	8	2	CS	250	10				10	8	.030			12-13
13 46	26.620	77.3	67.3	61	10															10					13-14
14 48	26.630	80.0	67.6	54	9															9					14-15
15 46	26.590	81.6	66.7	47	9	6	CU	E60	3	AC	140	9								9	8	.050			15-16
16 51	26.605	76.7	67.6	64	8															8					16-17
17 47	26.610	76.4	66.9	62	9															9					17-18
18 46	26.620	76.5	66.5	60	9	6	CB	E60	3	AC	140	9								9	1	.030			18-19
19 49	26.640	75.0	68.4	72	10															10					19-20
20 47	26.645	72.3	69.8	89	9															8					20-21
21 50	26.645	72.9	68.6	82	10	6	SC	E60	4	AC	160	10								8	1	.025			21-22
22 47	26.640	73.3	67.7	76	10															10					22-23
23 45	26.645	72.3	69.3	87	10															10					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	X	0	0	X	84	80	X	X						X		
	0347	1	0	0	0	87	80		0								
	0942	2	.05	0	0	82	66		1								
	1542	3	0	0	0	84	77		0								
	2146	4	.05	0	0	82	72		1								
	MID.	X	0	0	0	73	72	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0947	1546	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.580	26.670	26.590	26.645
BAROGRAPH 64	26.570	26.660	26.595	26.640
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 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
84	66	.10	0	0	40	E	0438					9	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	CONT.	0118			
T	0143	0225			
T	0438	0830			
RW-	0510	0613			
RW-	1935	2028			

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: 0935P ±4 Sec. / 1840P ±4 Sec. / ± Sec.

0451P/0451P

1000P - CHANGED BAROGRAM

SP/3
RS/2

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

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: 1983 AUG 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	0047	80 SCT 250 SCT	20		T	106	82	55	04	07		999	T NE MOVE N OCNL	HG
—	—												LTGIC NW-NE/005 1903	—
SP	0120	80 SCT 250 SCT	20						03	05		998	TE18 MOVD N LTGIC NW	HG
RS	0149	80 SCT 250 SCT	20		T	107	81	57	15	03		999	TE18B43 T W MOVE	HG
—	—												N LTGIC W-NW	—
SP	0229	80 SCT 250 SCT	20						04	08		999	TE25 DSNT LTGIC NW	HG
SA	0252	80 SCT 250 SCT	20			103	81	55	36	08		998	TE25 DSNT LTGIC E-SE	HG
SA	0351	80 SCT 250 SCT	20			105	80	55	01	06		998	702 1903 80 RADAT 87147	OOB
RS SA	0451	E80 BKN 250 OVC	15		T	117	78	57	09	26 G37		002	TB38 PKWND 0940/38 T OVHD MOVG N LTGIC E-S	OOB
SA	0550	E80 BKN 250 OVC	15		TRW-	125	72	63	12	09 G17		003	PKWND 0937/01 RB10	OOB
SA	0645	80 SCT E150 BKN 250 BKN	15		T	133	75	61	10	19 G25		005	LTGIC NE 22005 1968 RE13	OOB
SA	0748	80 SCT E150 BKN 250 BKN	15		T	141	76	64	10	06		007	LTGIC N SE	OOB
SP	0830	80 SCT E150 BKN 250 BKN	15						01	03		007	TE30	OOB
SA	0851	80 SCT E150 BKN 250 BKN	20			144	80	61	14	08		008	TE30	OOB
SA	0948	80 SCT E150 BKN 250 OVC	20			144	80	60	30	02		008	BINOVC 110 05 1267 66	OOB
SA	1050	70 SCT E140 BKN 250 OVC	20			144	81	62	14	06		008	BINOVC	OOB
SA	1150	60 SCT E140 BKN 250 OVC	20			139	82	61	28	03		007	CB S MOVG N	OOB
SA	1251	60 SCT E140 BKN 250 OVC	20			132	82	62	21	12		005	CB S MOVG N 810 1367	OOB
SA	1346	60 SCT E140 BKN 250 OVC	20			129	77	63	25	05		003	CB ALQDS MOVG N	OOB
SA	1448	60 SCT E140 BKN 250 BKN	20			131	80	62	24	06		004	CB ALQDS MOVG NW	OOB
SA	1546	E60 BKN 140 BKN	20			115	82	59	13	05		999	RWU SW / 817 1260	HG
—	—												84 RADAT 88150	—
SA	1651	60 SCT E140 BKN	20			125	77	64	23	15	G21	002	TCU SE S	HG
SA	1747	E60 BKN 140 BKN	20			130	76	63	21	09		002	CB SE	HG
SA	1846	E60 BKN 140 BKN	20			132	77	62	23	06		003	RWU SE CB DSNT S	HG
—	—												110 1960	—
SA	1945	E60 BKN 140 OVC	20		RW-	140	75	66	12	04		005	RB35	SEA
SA	2047	60 SCT E140 BKN	20			142	72	69	05	05		006	RE28	SEA
SA	2150	E60 BKN 160 OVC	20			140	73	67	36	03		006	10805 146/ 87	HG
SA	2247	60 SCT E160 OVC	20			138	73	65	00	00		005		HG
SA	2345	60 SCT E160 OVC	20			139	72	68	36	02		006		HG

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 $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

☆ U.S. G.P.O. 1982-564-008/1123

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

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1983 AUG 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 48	26.640	72.0	69.3	88	10	4	SC	60	10	AC	E160	10								10	8	.005			00-01
01 48	26.645	72.0	69.1	87	10															10					01-02
02 53	26.650	71.2	69.0	90	5															5					02-03
03 53	26.650	70.6	69.0	92	5	3	SC	60	2	AC	160	5								5	1	.010			03-04
04 47	26.660	70.7	68.7	91	10															10					04-05
05 49	26.670	71.0	68.7	90	10															10					05-06
06 48	26.660	72.1	69.0	86	9	6	CU	E60	3	AC	140	9								9	0	.010			06-07
07 48	26.670	74.1	69.0	78	9															9					07-08
08 48	26.670	76.6	67.8	67	10															10					08-09
09 52	26.660	71.0	68.5	89	10	10	CU	E40												10	0	.000			09-10
10 46	26.670	71.7	68.1	84	10															10					10-11
11 51	26.670	68.4	66.5	88	10															10					11-12
12 48	26.680	70.7	66.3	80	10	1	CUFRA	20	7	CU	E40	7~~10~~	7 ~~AC~~	AC ~~140~~	140	10				10	2	.020			12-13
13 49	26.660	71.9	67.4	80	10															8					13-14
14 50	26.650	74.0	67.5	73	10															10					14-15
15 47	26.640	67.1	63.4	82	10	7	CB	E50	3	AC	120	10								9	6	.040			15-16
16 48	26.615	73.0	68.0	78	2															2					16-17
17 47	26.620	74.0	65.0	63	0															0					17-18
18 45	26.640	71.9	65.7	73	0	0	CB	50												0	5	.000			18-19
19 49	26.650	70.9	65.1	74	0															0					19-20
20 47	26.670	70.8	65.7	77	0															0					20-21
21 50	26.665	69.7	65.5	81	4	2	CB	50	2	CI	250	4								4	0	.025			21-22
22 49	26.670	71.9	65.8	73	4															4					22-23
23 46	26.690	69.2	65.3	82	8															7					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347	X	0	0	X	72	71	X	X						X		
	0347	1	0	0	0	73	71		1								
	0948	2	.18	0	0	77	70		2								
	1543	3	.34	0	0	74	67		2								
	2145	4	T	0	0	74	67		1								
	MID.	X	0	0	0	72	69	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0853	0952	1547	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.650	26.660	26.640	26.665
BAROGRAPH 64	26.685	26.670	26.640	26.660
BAR. CORR. 65	+.005	-.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 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
77	67	.52	0	0	21	SW	1502					9	7		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0913	0920			
RW	0920	0930			
RW-	0930	1206			
T	1002	1119			
RW-	1237	1303			
T	1420	1525			
RW-	1501	1503			
RW+	1503	1506			
RW	1506	1515			
RW-	1515	1529			
RW	1529	1533			
RW-	1533	1602			
T	2115	2218			

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: 0656P ~~04~~ Sec./ 1840P ~~04~~ Sec./ ± Sec.

1349P/1349P 1046P/1046P

SP/6
RS/0

MF1-10B (1-82) SUPERSEDES MF1-10B (2-70) WHICH MAY BE USED

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: 1983 AUG 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. (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	0048	60 SCT E 160 OVC	20			138	72	68	20	04		005	802 146/	HG
SA	0148	60 SCT E 160 OVC	20			144	72	68	09	02		006		HG
SA	0253	60 SCT 160 SCT	20			143	71	68	25	02		006		HG
SA	0353	60 SCT 160 SCT	20			143	71	68	35	02		006	103 1460 71 20010	CG
													RADAT 96136	
SA	0447	E60 OVC	20			150	71	68	32	02		007		CG
SA	0549	E60 OVC	20			153	71	68	20	04		008		CG
SA	0648	E60 BKN 140 BKN	20			149	72	68	34	03		007	003 1170	CG
SA	0748	E60 BKN 140 BKN	20			153	74	67	26	05		008		CG
SA	0848	E60 OVC	20			153	77	65	28	05		008		CG
SA	0952	E40 OVC	20		RW-	152	71	67	07	10		007	*00018 12// 70 *RB13	CG
SP	1003	E40 OVC	20		TRW-				06	13		007	TB02 T NE MOVG N	CG
SA	1046	E40 OVC	20		TRW-	154	72	67	08	11		008	TB02 T ~~NE T~~ N-E MOVG N	CG
SP	1120	10 SCT E40 OVC	20		RW-				11	14		008	TE19T MOVD N	CG
SA	1151	10 SCT E40 BKN 140 OVC	20		RW-	157	68	66	12	17		008	TE15 MOVD N	SEA
SA	1248	20 SCT E40 BKN 140 OVC	20		RW-	159	71	64	12	09		010	RE06B37/ 26712 1271	SEA
SA	1349	30 SCT E60 BKN 160 BKN 250 OVC	20			151	72	65				008	CB AND RWU SW-NW MOVG N	SEA
													SVRL SML BINOVC ~~SW~~ SW-NW RE03	
SP	1422	20 SCT E60 BKN 160 BKN 250 OVC	20		T				12	11		008	TB20 SW-NW MOVG NE	SEA
SA	1450	20 SCT E60 OVC	20		T	146	74	65	10	08		006	TB20 SW-NW MOVG NE	CG
SP	1527	7 SCT E40 OVC	10		RW-				27	07		007	TE25 MOVD NE	HG
SA	1547	E50 BKN 120 OVC	20		RW-	146	67	62	09	09		005	TE25 MOVD NE RB01	HG
—	—												BINOVC SW/ 61434 196/	—
—	—												77 RADAT 94141	—
SA	1648	50 SCT 120 SCT	20			134	73	66	12	11		003	RE02	HG
SA	1747	CLR	20			135	74	61	08	04		003	TCU DSNT SW	HG
SA	1845	CLR	20			144	72	63	03	07		005	LN CB DSNT SW/50000	HG
—	—												1900	—
SA	1949	CLR	20			147	71	62	07	05		006	FGT LTGIC SW	HG
SA	2047	CLR	20			154	71	63	11	08		008		HG
SP	2119	50 SCT 250 SCT	20		T				10	08		008	TB15 SW MOVG NE	HG
—	—												OCNL LTGIC SW	—
SA	2150	50 SCT 250 SCT	20		T	155	70	64	08	06		008	TB15 S MOVG NE OCNL	HG
—	—												LTGIC S / 00800 1903 77	—
SP	2220	50 SCT 250 SCT	20						12	09		007	TE18 DSIPTD	HG
SA	2249	50 SCT 250 SCT	20			155	72	63	33	03		008	TE18 DSIPTD	HG
SA	2346	E250 BKN	20			165	69	64	27	06		011		HG

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

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

☆ U.S. G.P.O. 1982-564-008/1123

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

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1983 AUG 11

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 45	26.690	68.0	65.3	87	3	3	Cu.	250												2	1	.025			00-01
01 46	26.690	67.8	65.5	89	0															0					01-02
02 50	26.690	67.6	65.0	88	0															0					02-03
03 51	26.680	65.3	64.0	94	0															0	8	.010			03-04
04 49	26.690	65.9	64.2	92	0															0					04-05
05 47	26.700	66.9	64.2	87	0															0					05-06
06 48	26.710	70.5	65.5	78	0															0	2	.030			06-07
07 46	26.720	74.0	66.2	67	0															0					07-08
08 49	26.720	76.3	68.0	64	0															0					08-09
09 49	26.720	80.6	68.5	55	1	1	Cu	40												1	1	.010			09-10
10 48	26.720	81.9	69.0	54	1															1					10-11
11 48	26.700	86.4	62.6	26	1															1					11-12
12 48	26.680	88.2	62.5	23	1	1	Cu	40												1	8	.040			12-13
13 51	26.660	89.4	59.3	15	1															1					13-14
14 45	26.640	91.0	62.0	18	1															1					14-15
15 49	26.620	90.8	62.6	20	0	0	Cu	80	0	AC	160	0								0	8	.060			15-16
16 46	26.620	90.2	62.6	21	0															0					16-17
17 50	26.620	89.0	62.0	21	2															2					17-18
18 51	26.630	83.0	63.0	33	2	0	Cu	80	0	AC	160	0	2	Ci	250	2	-			1	3	.010			18-19
19 47	26.640	79.2	63.0	42	0															0					19-20
20 48	26.660	78.0	62.8	44	0															0					20-21
21 45	26.670	76.0	63.0	50	0															0	1	.040			21-22
22 47	26.680	72.8	63.1	60	0															0					22-23
23 45	26.680	72.3	62.7	60	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	69	65	X	X						X		
	0346	1	0	0	0	72	65		1								
	0945	2	0	0	0	81	65		1								
	1545	3	0	0	0	91	81		0								
	2143	4	0	0	0	91	76		0								
	MID.	X	0	0	0	76	72	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0949	1546	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.680	26.720	26.620	26.620
BAROGRAPH 64	26.675	26.720	26.620	26.660
BAR. CORR. 65	+.005	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 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
91	65	0	0	0	17	W	1448					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: 0750P 04 Sec. / 1910P 04 Sec. / ± Sec.

SP/0
RS/0

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: 1983 AUG 11

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0045	250 SCT	20			165	68	64	06	04		011	108 1003	JK
SA	0146	CLR	20			165	68	64	09	05		011		JK
SA	0250	CLR	20			165	68	64	05	03		011		JK
SA	0351	CLR	20			165	65	63	03	05		009	803 65 20052 RAAAT 68132	CG
SA	0449	CLR	20			165	66	63	09	05		011	FEW AC NW	SEA
SA	0547	CLR	20			169	67	63	04	04		012		SEA
SA	0648	CLR	20			172	71	63	30	03		013	210	SEA
SA	0746	CLR	20			173	74	63	31	05		014		CG
SA	0849	CLR	20			172	76	64	05	05		014	FEW CUFRA	SEA
SA	0949	40 SCT	20			171	81	63	28	04		014	103 1100 65	CG
SA	1048	40 SCT	20			169	82	63	25	08		014		CG
SA	1148	40 SCT	20			161	86	48	21	10		012		CG
SA	1248	40 SCT	20			153	88	46	19	07		010	814 1200	CG
SA	1351	40 SCT	20			144	89	35	27	07		007		CG
SA	1445	40 SCT	20			136	91	42	27	10		005		CG
SA	1549	CLR	20			132	91	44	23	05		003	820 1270 91 RAAAT 30141	JK
SA	1646	CLR	20			132	90	45	29	06		003	FEW CU AC AND CI	JK
SA	1750	250 SCT	20			132	89	44	26	06		003	CU 5	JK
SA	1851	250-SCT	20			134	83	51	36	04		004	303 1271	JK
SA	1947	CLR	20			138	79	54	05	03		005		JK
SA	2048	CLR	20			147	78	54	13	06		008		JK
SA	2145	CLR	20			148	76	56	06	02		009	114 91	JK
SA	2247	CLR	20			154	73	58	08	02		010		JK
SA	2345	CLR	20			152	72	58	33	05		010		JK

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

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

☆ U.S. G.P.O. 1982-564-008/1123

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

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 AUG 12

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 46	26.680	70.8	63.5	68	0															0	1	.010			00-01
01 48	26.680	70.0	63.3	70	0															0					01-02
02 48	26.680	68.0	62.0	73	0															0					02-03
03 46	26.680	66.9	62.0	77	0															0	4	.000			03-04
04 48	26.680	65.7	62.0	82	0															0					04-05
05 46	26.700	67.3	61.2	72	0															0					05-06
06 48	26.700	73.0	62.0	55	0	0	Ac	160												0	1	.020			06-07
07 48	26.700	77.2	62.8	46	0															0					07-08
08 47	26.700	81.6	64.4	40	0															0					08-09
09 46	26.700	84.0	66.0	40	2	0	Cu	50	2	Ac	140	2								2	4	.000			09-10
10 51	26.680	88.9	65.1	28	1															1					10-11
11 45	26.660	89.6	65.3	28	1															1					11-12
12 48	26.640	92.0	63.0	19	2	2	Cu	60												2	7	.060			12-13
13 45	26.620	91.8	62.0	17	4															4					13-14
14 45	26.620	93.0	64.1	20	5															5					14-15
15 50	26.600	91.8	63.8	21	10	2	CB	80	10	CS	E250	10								8	8	.040			15-16
16 49	26.590	93.0	64.7	21	10															7					16-17
17 47	26.580	91.2	63.2	21	10															7					17-18
18 50	26.580	88.0	64.0	27	10	0	Cu	80	1	Ac	140	1	10	CS	250	10				4	8	.020			18-19
19 45	26.600	84.5	63.3	31	8															4					19-20
20 50	26.610	84.1	63.1	32	2															1					20-21
21 50	26.610	81.3	63.7	39	0	0	CS	250												0	1	.030			21-22
22 45	26.620	79.0	64.1	46	0															0					22-23
23 45	26.620	76.6	63.3	49	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	72	65	X	X						X		
	0343	1	0	0	0	76	65		0								
	0944	2	0	0	0	84	65		0								
	1545	3	0	0	0	93	84		0								
	2145	4	0	0	0	93	81		0								
	MID.	X	0	0	0	81	77	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0846	0946	1546	2146
ATT. THERM. 60				
OBSVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.680	26.700	26.600	26.610
BAROGRAPH 64	26.680	26.700	26.600	26.610
BAR. CORR. 65	0	0	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
93	65	0	0	0	15	SE	1330					3	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0630? 04 Sec./ 2049? 04 Sec./ ± Sec.

SP/0
RS/0

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: 1983 AUG 12

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0046	CLR	20			152	71	60	19	02		010	103	JK
SA	0148	CLR	20			152	70	60	18	02		010		JK
SA	0248	CLR	20			152	68	59	14	02		010		JK
SA	0346	CLR	20			152	67	59	01	06		010	400 65 RADAT 62138	CG
SA	0448	CLR	20			157	66	60	33	03		011		CG
SA	0546	CLR	20			160	67	58	06	03		012		CG
SA	0648	CLR	20			160	73	56	25	03		012	107 1070	CG
SA	0748	CLR	20			160	77	55	35	04		012		CG
SA	0847	CLR	20			158	82	55	13	07		012		CG
SA	0946	140 SCT	20			158	87	57	15	06		012	400 1170 65	CG
SA	1051	140 SCT	20			150	89	52	13	07		010		CG
SA	1145	60 SCT	20			142	90	52	16	07		007		CG
SA	1248	60 SCT	20			134	92	44	18	10		005	720 1200	CG
SA	1345	60 SCT	20			127	92	41	35	04		003		CG
SA	1445	60 SCT	20			127	93	46	20	08		003		CG
SA	1550	80 SCT E250 OVC	20			123	92	46	14	04		001	CB E STNRY/814 1307 93	JK
/													RADAT 94140	/
SA	1649	80 SCT E250 OVC	20			117	93	48	10	04		000	CB E DSIPTD	JK
SA	1747	80 SCT 140 SCT E250 OVC	20			117	91	45	26	05		000		JK
SA	1850	140 SCT 250-OVC	20			113	88	50	30	03		999	807 1172	JK
SA	1945	140 SCT 250-BKN	20			119	85	51	16	02		001		JK
SA	2050	250-SCT	20			122	84	51	14	03		002		JK
SA	2150	CLR	20			122	81	54	06	02		002	110 1008 93	JK
SA	2245	CLR	20			125	79	56	05	03		003		JK
SA	2345	CLR	20			126	77	56	09	04		003		JK

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

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

☆ U.S. G.P.O. 1982-564-008/1123

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

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 AUG 13

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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.
0048	26.620	77.5	64.0	49	0	0	Ac	140	0	Ci	250	0								0	1	.010			00-01
0145	26.630	77.0	63.0	47	2															0					01-02
0250	26.630	75.2	64.0	56	7															5					02-03
0352	26.630	75.4	62.3	49	8	4	Ac	140	4	Cs	E50	8								7	1	.010			03-04
0447	26.630	75.0	63.0	53	7															7					04-05
0548	26.650	75.9	60.8	43	7															7					05-06
0648	26.660	78.2	64.0	47	8	8	Ac	E140												8	3	.030			06-07
0750	26.660	82.5	61.8	31	8															8					07-08
0847	26.660	85.0	62.5	29	7															7					08-09
0948	26.660	87.5	64.0	28	6	0	Cu	50	6	Ac	F140	6								6	4	.000			09-10
1046	26.650	91.5	64.4	23	4															4					10-11
1147	26.640	92.0	65.3	24	5															5					11-12
1246	26.620	94.1	66.0	22	4	0	Cu	50	4	Ac	160	4								4	7	.040			12-13
1345	26.600	96.8	66.3	20	5															5					13-14
1445	26.580	96.2	65.8	19	5															5					14-15
1550	26.580	97.0	64.0	15	5	0	Cu	60	0	Ac	160	0	5	Ci	250	5				3	6	.040			15-16
1648	26.570	97.0	64.0	15	2															2					16-17
1745	26.570	94.6	64.0	18	0															0					17-18
1846	26.570	89.3	64.0	25	0	0	Cu	60	0	Ac	160	0	0	Ci	250	0				0	6	.010			18-19
1952	26.590	85.2	63.9	32	0															0					19-20
2047	26.610	83.5	64.1	35	0															0					20-21
2150	26.620	80.0	63.7	42	0	0	Ac	160	0	Ci	250	0								0	3	.050			21-22
2248	26.620	78.8	62.8	42	0															0					22-23
2345	26.620	77.7	63.2	46	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347	X	0	0	X	78	75	X	X						X		
	0347	1	0	0	0	81	75		0								
	0945	2	0	0	0	88	75		0								
	1545	3	0	0	0	88	88		0								
	2146	4	0	0	0	97	80		0								
	MID.	X	0	0	0	80	78	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0852	0946	1546	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.620	26.660	26.580	26.620
BAROGRAPH 64	26.625	26.660	26.580	26.610
BAR. CORR. 65	+.005	±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
98	75	0	0	0	17	SW	1523					5	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: 0710P ±4 Sec./ 2000P ±4 Sec./ ± Sec.

*BAROGRAPH CHART CHANGED AND RESET TO ZERO CORR.

SP/0
RS/0

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: 1983 AUG 13

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (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	0048	CLR	20			123	78	57	13	03		003	103 1071	JK
SA	0145	250 - SCT	20			127	77	55	01	03		004		JK
SA	0250	140 SCT E250 BKN	20			127	75	58	02	02		004		JK
SA	0352	140 SCT E250 BKN	20			128	75	55	01	04		004	103 1078 75 RAHAT 90139	CG
SA	0447	E140 BKN	20			128	75	56	07	07		004		CG
SA	0548	E140 BKN	20			136	76	52	13	02		006		CG
SA	0648	E140 BKN	20			141	78	56	21	02		007	310 1070	CG
SA	0750	E140 BKN	20			140	83	49	04	06		007		CG
SA	0847	E140 BKN	20			139	85	49	28	04		007		CG
SA	0948	E140 BKN	20			139	88	50	02	04		007	400 1170 75	CG
SA	1046	140 SCT	20			134	92	48	07	03		006		CG
SA	1147	140 SCT 180 SCT	20			131	92	50	16	06		005		CG
SA	1246	160 SCT	20			123	94	50	09	05		003	714 1170	CG
SA	1345	160 SCT	20			113	97	49	20	05		001		CG
SA	1445	160 SCT	20			108	96	48	24	08		998		CG
SA	1550	250 SCT	20			108	97	42	26	07		998	614 1171 98 RAHAT 69151	JK
SA	1648	250 SCT	20			104	97	42	26	08		997		JK
SA	1745	CLR	20			104	95	44	27	08		997		JK
SA	1846	CLR	20			106	89	49	34	05		997	603 1171	JK
SA	1952	CLR	20			113	85	52	04	06		000	AC CI W	JK
SA	2047	CLR	20			119	84	53	09	04		002		JK
SA	2150	CLR	20			124	80	55	01	04		003	317 1071 98	JK
SA	2248	CLR	20			124	79	54	01	05		003		JK
SA	2345	CLR	20			124	78	55	16	02		003		JK

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

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

☆ U.S. G.P.O. 1982-564-008/1123

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

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 AUG 14

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	26.610	77.2	61.1	41	0	0	AC	160	0	CI	250	0								0	8	.010			00-01
01 45	26.610	76.0	63.0	50	0															0					01-02
02 48	26.640	75.5	62.4	49	0															0					02-03
03 48	26.625	75.6	61.8	47	2	1	AC	160	1	CI	250	2								2	3	.015			03-04
04 49	26.635	73.4	62.2	55	8															7					04-05
05 53	26.630	77.2	62.6	45	9															8					05-06
06 54	26.635	83.8	62.0	29	10	3	CU	80	1	AC	160	4	6	CS	E250	10				9	3	.010			06-07
07 50	26.640	87.0	62.2	24	10															9					07-08
08 51	26.640	89.3	63.0	23	10															9					08-09
09 49	26.630	94.0	64.4	19	10	5	CU	80	2	AC	E160	7	3	CS	250	10				9	8	.005			09-10
10 48	26.630	96.1	65.1	18	10															10					10-11
11 48	26.615	98.2	67.0	19	10															9					11-12
12 52	26.605	96.6	66.2	20	9	5	CU	80	4	CS	E250	9								8	8	.025			12-13
13 51	26.585	94.3	65.2	21	9															8					13-14
14 51	26.585	93.2	65.0	22	9															8					14-15
15 53	26.560	94.8	65.7	21	8	6	CU	80	2	CS	250	8								7	8	.045			15-16
16 54	26.550	95.4	65.4	20	7															6					16-17
17 50	26.550	93.0	64.9	22	9															9					17-18
18 53	26.550	89.3	67.0	32	8	5	CU	80	3	AC	E160	8								8	6	.010			18-19
19 51	26.570	85.9	65.8	35	9															8					19-20
20 54	26.580	88.3	65.0	29	8															6					20-21
21 53	26.640	76.8	68.2	66	10	10	CU	E60												10	3	.090			21-22
22 50	26.650	78.2	68.6	63	10															10					22-23
23 51	26.620	79.0	66.6	54	9															9					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	78	74	X	X						X		
	0345	1	0	0	0	80	74		0								
	0946	2	T	0	0	95	73		0								
	1548	3	0	0	0	99	93		0								
	2148	4	.02	0	0	96	77		2								
	MID.	X	.02	0	0	79	76	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0948	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.625	26.630	26.560	26.640
BAROGRAPH 64	26.610	26.625	26.550	26.620
BAR. CORR. 65	+.015	+.005	+.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
99	73	.04	0	0	30	SW	2120					9	8		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0535	0540			
RW-	2126	2220			
RW-	2310	2325			

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 ±1 Sec./ 1935P ±3 Sec./ ± Sec.

SP/0
RS/0

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

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 1983 AUG 14

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	0050	CLR	20			118	77	51	05	04		002	803 1071	JK
SA	0145	CLR	20			118	76	56	12	04		002		JK
SA	0248	CLR	20			118	76	55	09	02		002		JK
SA	0348	160 SCT 250 SCT	20			123	76	54	06	04		004	305 1071 74 RADAT 85148	CRD
SA	0449	80 SCT 160 SCT E250 BKN	20			128	73	56	08	06		005		CRD
SA	0553	80 SCT E160 BKN 250 BKN	20			127	77	54	03	07		004	RB35E40 RWU NW	CRD
SA	0654	80 SCT 160 SCT E250 OVC	20			127	84	48	05	07		005	30300 1177	CRD
SA	0750	80 SCT 160 SCT E250 OVC	20			130	87	46	06	06		005		CRD
SA	0851	E80 BKN 160 BKN 250 OVC	20			129	89	46	01	06		005		CRD
SA	0949	80 SCT E160 BKN 250 OVC	20			125	94	46	35	03		004	TCU NE SE/80200 1277 73	CRD
SA	1048	80 SCT E160 BKN 250 OVC	20			123	96	46	13	09		004		CRD
SA	1148	80 SCT E160 BKN 250 OVC	20			118	98	49	11	12		003	TCU NW-SE	CRD
SA	1252	80 SCT E250 BKN	20			115	97	49	12	10		002	TCU NW-E/808 1208	CRD
SA	1351	E80 BKN 250 BKN	20			109	94	48	12	10		999	TCU NW-N	CRD
SA	1451	80 SCT E160 BKN 250 BKN	20			110	93	48	15	08		999	TCU NW-N	CRD
SA	1553	E80 BKN 250 BKN	20			100	95	49	28	06		997	815 1108 99 RADAT 90152	JC
SA	1654	80 SCT 160 SCT E250 BKN	20			096	95	48	27	07		996		JC
SA	1750	E80 BKN	20			096	93	48	23	05		996		JC
SA	1853	80 SCT E160 BKN	20			095	89	55	07	05		996	RWU N/603 1180	JC
SA	1951	E80 BKN 160 BKN	20			102	86	55	10	08		998	OCNL LT61G S-SW	JC
SA	2054	80 SCT E160 BKN	20			107	88	52	36	10	619	000	OCNL LT61G S	JC
SA	2153	E60 OVC	10		RW-	130	77	64	22	13		005	R1326/33002 12//99	JC
SA	2250	E60 OVC	20			132	78	64	01	07		007	RE20	JC
SA	2351	E60 BKN 120 BKN	20			119	79	61	03	11		003	R310E25	JC

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 $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

☆ U.S. G.P.O. 1982-564-008/1123

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

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 15 AUG 1983

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	26.620	76.1	66.0	60	6	4	CU	80	2	AC	E160	6								5	8	.020			00-01
01 53	26.620	76.1	66.4	58	8															7					01-02
02 52	26.640	76.0	65.9	60	10															10					02-03
03 55	26.645	76.0	64.8	56	10	4	CU	80	3	AC	E160	7	3	CS	250	10				10	3	.025			03-04
04 50	26.655	75.8	66.1	61	10															10					04-05
05 49	26.680	73.6	64.8	64	10															10					05-06
06 50	26.690	75.0	65.0	60	10	4	CU	80	2	AC	E160	6	4	CS	250	10				10	2	.045			06-07
07 49	26.690	75.4	65.5	60	10															10					07-08
08 51	26.695	76.7	66.2	59	10															10					08-09
09 48	26.690	77.8	66.7	55	10	6	CU	E80	3	AC	160	9	1	CS	250	10				9	0	.000			09-10
10 48	26.685	81.7	68.2	51	9															8					10-11
11 50	26.670	82.7	68.0	49	9															8					11-12
12 49	26.660	86.0	68.2	41	10	4	CU	70	1	AC	160	5	5	CC	E300	10				9	7	.030			12-13
13 49	26.645	86.2	68.0	40	10															9					13-14
14 51	26.640	85.8	67.8	41	10															8					14-15
15 52	26.640	83.9	67.2	43	10	0	CB	70	10	AC	E160	10								8	6	.020			15-16
16 53	26.620	84.0	67.8	45	9															7					16-17
17 49	26.630	83.1	67.0	44	10															8					17-18
18 50	26.630	82.3	68.1	50	10	10	AC	E140												9	5	.010			18-19
19 52	26.650	80.7	68.2	54	10															9					19-20
20 50	26.660	77.8	68.0	61	7															6					20-21
21 52	26.670	78.0	68.8	64	10	10	AC	E120												10	1	.040			21-22
22 49	26.670	77.7	68.1	62	10															10					22-23
23 50	26.660	77.7	68.6	64	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	79	75	X	X						X		
	0348	1	.02	0	0	79	75		1								
	0945	2	T	0	0	78	73		1								
	1547	3	0	0	0	87	77		0								
	2148	4	0	0	0	85	77		0								
	MID.	X	0	0	0	78	77	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0947	1549	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.645	26.690	26.640	26.670
BAROGRAPH 64	26.625	26.675	26.620	26.640
BAR. CORR. 65	+.020	+.015	+.020	+.030

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
87	73	T	0	0	21	NE	0018					10	10		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0743	0803			
RW-	0845	0910			
T	1422	1442			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0900P ±3 Sec. / 1915P ±3 Sec. ± Sec.

2050P-2051P 0948P/ATP 000/2355P 1552P/138/ /2355P

1850P/107/ /2355P

SP/2

RS/0

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 AUG 1983

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0051	80 SCT E160 BKN	20			121	76	61	04	13		003	80702 1270	JC
SA	0153	80 SCT E160 BKN 250 BKN	20			122	76	60	06	10		003		JC
SA	0252	80 SCT E160 BKN 250 OVC	20			131	76	61	03	02		005	OCNL LTG SE	JC
SA	0355	80 SCT E160 BKN 250 OVC	20			131	76	59	26	08		006	30802 1277 75 20004	CRD
/													RADAT 82144	/
SA	0450	80 SCT E160 BKN 250 OVC	20			136	76	61	24	14		007	TCU W	CRD
SA	0549	80 SCT E160 BKN 250 OVC	20			147	74	60	35	03		010	TCU W	CRD
SA	0650	80 SCT E160 BKN 250 OVC	20			152	75	60	12	03		011	TCU W RWW S /215 1277	CRD
SA	0749	E80 BKN 160 BKN 250 OVC	20		RW-	154	75	61	08	03		011	RB43	CRD
SA	0851	E80 BKN 160 OVC	20		RW-	155	77	61	10	04		012	RE03B45	CRD
SA	0948	E80 BKN 160 BKN 250 OVC	20			156	78	61	12	06		011	RE10/$0000 1277 73	CRD
SA	1048	80 SCT 160 SCT E250 BKN	20			153	82	62	13	08		011	TCU W NW	CRD
SA	1150	70 SCT E160 BKN 250 BKN	20			146	83	61	12	13		008	TCU ALQDS	CRD
SA	1249	70 SCT 160 SCT E300 OVC	20			142	86	60	14	10		007	TCU ALQDS/710 1279	CRD
SA	1349	70 SCT 160 SCT E300 OVC	20			137	86	59	12	10		006	CB N SW TCU ALQDS RW SW	CRD
SP	1424	70 SCT 160 SCT E300 OVC	20		T				14	07		005	TB22 SW-W MOVG NW	CRD
/													RWW SW-W	/
SP	1443	70 SCT 160 SCT E300 OVC	20						28	07		005	TE42 MOVD NW RW NW	CRD
SA	1451	70 SCT 160 SCT E300 OVC	20			134	86	59	25	09		005	TB22E42 MOVD NW RW NW	CRD
SA	1552	E160 OVC	20			136	84	59	30	08		005	CB AND RWW N AND SE*	JC
/													607 1380/87 RADAT	/
/													85151 *BINOVC	/
SA	1653	E160 BKN	20			128	84	60	34	03		003	TCU N FEW CU NE-SE	JC
SA	1749	E140 OVC	20			129	83	59	27	03		003	BINOVC SW	JC
SA	1850	E140 OVC	20			133	82	62	29	02		004	BINOVC W/503 1070	JC
SA	1952	E140 OVC	20			141	81	63	29	05		007	BINOVC SW	JC
SA	2050	E140 BKN	20			145	78	63	03	06		008		JC
SA	2152	E120 OVC	20			148	78	65	12	04		009	114 107/ 87	JC
SA	2249	E120 OVC	20			146	78	64	10	03		009		JC
SA	2350	E120 OVC	20			144	78	65	05	02		008		JC

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

FM12-VII: IIiii iR_ixhVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

☆ U.S. G.P.O. 1982-564-008/1123

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

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 AUG 16

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 54	26.650	75.8	69.0	72	9	9	Ac	E120												9	8	.020			00-01
01 53	26.650	77.9	66.1	55	10															10					01-02
02 52	26.650	76.5	65.2	56	10															10					02-03
03 50	26.650	75.1	67.0	66	10	4	Cu	70	6	Ac	E120	10								10	4	.000			03-04
04 48	26.660	75.5	66.5	64	10															10					04-05
05 46	26.660	75.7	67.5	67	10															10					05-06
06 46	26.665	77.4	65.2	54	10	4	Cu	70	4	Ac	E120	8	2	Cs	300	10				10	3	.015			06-07
07 51	26.670	79.6	67.3	54	10															10					07-08
08 50	26.670	81.0	66.9	49	10															10					08-09
09 51	26.700	75.7	67.4	66	10	7	Cu	E70	3	Cs	300	10								10	3	.035			09-10
10 49	26.710	73.7	67.7	74	10															10					10-11
11 50	26.690	74.8	70.2	80	10															10					11-12
12 52	26.680	75.3	66.2	63	10	2	Cu	30	5	Cu	E60	7	3	Ac	120	10				10	8	.020			12-13
13 50	26.690	72.4	69.5	87	10															10					13-14
14 50	26.690	71.7	68.6	86	10															10					14-15
15 53	26.700	68.4	66.4	91	10	1	CuFRA	15	4	Cu	30	4	6	Cu	E60	10				10	2	.020			15-16
16 49	26.690	67.7	65.6	90	10															10					16-17
17 51	26.660	68.2	64.4	82	10															10					17-18
18 53	26.660	69.7	63.3	71	10	1	Cu	30	6	Cu	E60	6	4	Ac	120	10				10	6	.040			18-19
19 50	26.660	68.7	64.0	79	10															10					19-20
20 52	26.680	68.9	65.2	83	10															10					20-21
21 53	26.690	68.4	65.0	84	10	8	Cu	E60	2	Ac	120	10								10	3	.030			21-22
22 54	26.690	68.7	65.0	84	10															10					22-23
23 53	26.680	67.8	65.1	87	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	X	0	0	X	78	75	X	X						X		
	0345	1	0	0	0	79	75		0								
	0947	2	T	0	0	81	74		0								
	1548	3	.11	0	0	76	68		2								
	2147	4	.07	0	0	70	67		1								
	MID.	X	.01	0	0	69	67	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0949	1550	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.650	26.700	26.700	26.690
BAROGRAPH 64	26.630	26.675	26.685	26.675
BAR. CORR. 65	+.020	+.025	+.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
81	67	.19	0	0	17	S	0928					10	10		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0940	1015			
RW-	1044	1105			
RW-	1203	1215			
RW-	1245	1225			
RW-	1910	1935			
RW-	2240	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: 0900P ±3 Sec./ 1917P ±3 Sec./ ± Sec.

0350P/ 117/ /2355P

SP/0

RS/0

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: 1983 AUG 16

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (15)
SA	0054	E120 BKN	20			139	76	66	10	04		007	807 1070	JC
SA	0153	E120 OVC	20			138	78	60	02	10		007		JC
SA	0252	E120 OVC	20			139	77	60	04	09		007		JC
SA	0350	70 SCT E120 OVC	20			140	75	63	06	07		006	400 1170/75 RADAT 92144	CRD
SA	0448	70 SCT E120 BKN 300 OVC	20			145	76	62	11	03		007		CRD
SA	0546	70 SCT 120 SCT E160 BKN 300 OVC	20			144	76	64	10	03		007		CRD
SA	0646	70 SCT E120 BKN 300 OVC	20			145	77	59	04	10		008	TCU SE-W/305 1277	CRD
SA	0751	70 SCT E120 BKN 300 OVC	20			147	80	62	06	08		008	TCU ALQDS	CRD
SA	0850	E70 BKN 300 OVC	20			148	81	60	29	04		009	TCU ALQDS RWU S-NW	CRD
SA	0951	E70 BKN 300 OVC	20		RW-	160	76	64	25	12		012	TCU ALQDS RWU SE-N RB40/	CRD
/													31200 1207 74	/
SA	1049	30 SCT E60 BKN 120 OVC	20		RW-	167	74	65	28	06		013	TCU ALQDS RE15B44	CRD
SA	1150	30 SCT E60 BKN 120 OVC	20			157	75	68	23	05		011	TCU ALQDS RWU S W-N RE05	CRD
SA	1252	30 SCT E60 BKN 120 OVC	20		RW-	155	75	62	02	10		010	TCU ALQDS RB03E15B45/	CRD
/													80703 127/	/
SA	1350	30 SCT E60 OVC	15		RW-	160	72	68	21	08		011	TCU ALQDS RW+ SE	CRD
SA	1450	15 SCT 30 SCT E60 OVC	10		RW-	162	72	67	13	13		011	TCU ALQDS RW+ S	CRD
SA	1553	15 SCT 30 SCT E60 OVC	10		RW-	166	68	66	11	10		012	20711 12// 81 RADAT	JC
/													94155	/
SA	1649	30 SCT E60 BKN 1200 OVC	15		RW-	163	68	65	07	09		011	LWR CLDS W-NW	JC
SA	1751	30 SCT 60 SCT E120 OVC	20			151	68	63	10	08		008	RE25	JC
SA	1853	30 SCT E60 BKN 120 OVC	20			150	70	60	10	10		008	61407 127/	JC
SA	1950	30 SCT E60 BKN 120 OVC	20			150	69	62	04	04		008	RB10E35	JC
SA	2052	E60 BKN 120 OVC	20			156	69	63	05	03		010		JC
SA	2153	E60 BKN 120 OVC	20			163	68	63	04	08		011	31007 127/ 81	JC
SA	2254	30 SCT E60 OVC	10		RW-	164	69	63	06	10		011	RB40	JC
SA	2353	30 SCT E60 OVC	10		RW-	159	68	64	11	07		010		JC

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

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

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, NV

DATE: 1983 AUG 17

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Mbs.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0052	E60BKN 120 OVC	20			151	69	64	10	06		008	RE20/11001 127/	JC
SA	0151	60SCT E120 OVC	20			146	68	64	11	07		005		JC
SA	0252	E60BKN 120OVC	15		RW-	143	69	63	09	05		004	RB20	JC
SA	0350	E50 BKN 120 OVC	15		RW-	144	68	65	15	02		004	PCPN VRY LGT 61002 146/	/
/													66 20021 RADAT 95/46	HS
SA	0447	E60 BKN 120 OVC	20			146	68	65	35	03		005	RE05	HS
SA	0546	E60 BKN 120 OVC	20			151	68	66	03	03		007	CUFRA E-SE BNOVC NW RB20E35	HS
SA	0648	E50 BKN 120 OVC	20		RW-	154	69	65	12	05		008	MTNS OBSCD SE PCPN VRY	/
/													LGT RB02E13B42 21000 146/	HS
SP	0730	8SCT M40 OVC	10						11	08		008	MTNS OBSCD E-SE RE28	HS
SA	0748	8SCT M40 OVC	10		RW-	154	69	65	12	08		006	MTNS OBSCD SE RB40	HS
SP	0831	3SCT E8BKN 40OVC	3		RW				13	06		008		HS
SA	0847	3SCT M8 OVC	3		RW F	159	67	66	14	04		009	MTNS OBSCD ALQDS	HS
SA	0950	E8 BKN 40 OVC	5		RW-F	162	67	67	32	05		010	MTNS OBSCD ALQDS	/
/													30728 12//// 66	HS
SA	1049	3SCT M8 BKN 40OVC	6		RW-F	158	69	66	06	04		009	CIG RGD MTNS OBSCD ALQDS	HS
SA	1148	3SCT M8 BKN 40 OVC	5		RW-F	151	69	66	14	05		007	CIG RGD MTNS OBSCD	/
/													ALQDS CIG AND VSBY	/
/													LWR NE	HS
RS	1252	8 SCT E14 BKN 40 OVC	6		RW-	146	70	67	13	04		005	MTNS OBSCD ALQDS PCPN	/
/													VRY LGT 71410 131/	/
/													CB ALQDS MOVG N	HS
SA	1348	8SCT E14BKN 40 OVC	7			143	71	68	15	08		004	MTNS OBSCD ALQDS CB	/
													ALQDS MOVG N RE15	HS
SA	1448	8SCT E15BKN 50OVC	10			139	72	67	13	06		003	CB ALQDS MOVG N	HS
SP	1531	15SCT E60 OVC	20						14	08		001	CB E MOVG N	JC
SA	1553	15SCT E60 BKN 120 OVC	20			131	71	67	14	11		001	CB NE MOVG N 81410	JC
/													137/72 RADAT 95/52	/
SA	1651	20SCT 30SCT 60SCT E120BKN	20			131	72	66	13	13		001	TCU NW CB NE MOVG	JC
/		300 OVC											N	/
SA	1753	30SCT M50BKN 120 OVC	20		RW-	131	71	66	16	10		001	TCU NW-N RB15	JC
/													PCPN VRY LGT	/
SA	1851	30SCT M50BKN 120 OVC	20			135	71	67	14	05		002	RE05 RWU NW/3+000	JC
/													127/	/
SA	1954	15SCT 30SCT M50 OVC	20			139	70	66	13	05		003	OCNL LTGIC SW	JC
SA	2051	15SCT M35BKN 50 OVC	20			144	69	66	12	04		004		JC
SP	2125	M14BKN 350VC	10		RW-				24	09		004		JC
SA	2153	M11OVC	10		RW-	144	69	67	26	05		004	*10701 12// 72+RB23	JC
SP	2225	8SCT M14 OVC	10		RW-				25	03		003	PCPN VRY LGT	JC
SA	2252	8SCT M13BKN 40 OVC	10		RW-	143	68	67	24	03		004		JC
SA	2354	7SCT M13 OVC	10		RW-	135	69	67	25	04		002		JC

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

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

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: 1983 AUG 17

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.660	68.5	65.1	84	10	7	Cu	E60	3	Ac	120	10								10	8	.030			00-01
01 51	26.640	67.9	65.0	86	10															10					01-02
02 52	26.630	68.6	65.0	83	10															10					02-03
03 50	26.630	68.4	66.0	89	10	6	Sc	E50	4	Ac	120	10								10	6	.030			03-04
04 47	26.640	68.2	66.1	91	10															10					04-05
05 46	26.650	68.0	66.4	93	10															10					05-06
06 48	26.660	69.0	66.2	87	10	7	Cu	E50	3	Ac	120	10								10	2	.030			06-07
07 48	26.660	68.6	66.4	90	10															10					07-08
08 47	26.670	67.4	66.5	96	10															10					08-09
09 50	26.680	67.2	66.9	99	10	7	Cu FRA	E8	3	Cu	40	10								10	3	.020			09-10
10 48	26.670	68.8	66.7	90	10															10					10-11
11 48	26.650	69.0	67.1	91	10															10					11-12
12 52	26.640	70.1	67.6	89	10	5	Cu FRA	8	3	CB	E14	8	2	Cu	40	10				10	7	.040			12-13
13 48	26.630	71.0	68.7	90	10															10					13-14
14 48	26.620	71.5	68.0	85	10															10					14-15
15 55	26.600	71.2	68.2	87	10	3	CB	15	6	Cu	E60	9	1	Ac	120	10				10	8	.040			15-16
16 51	26.600	72.0	68.1	83	10															9					16-17
17 53	26.600	71.0	67.6	85	10															10					17-18
18 51	26.610	70.7	67.8	87	10	3	Cu	30	4	Cu	M50	7	3	Ac	120	10				10	3	.010			18-19
19 54	26.620	70.4	67.6	87	10															10					19-20
20 51	26.630	69.3	67.2	90	10															10					20-21
21 53	26.630	68.7	67.7	95	10	10	Cu	M11												10	1	.020			21-22
22 52	26.630	68.0	66.8	96	10															10					22-23
23 54	26.610	68.5	67.6	96	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0346	X	.01	0	X	70	66	X	X						X		
	0346	1	.02	0	0	70	66		1								
	0946	2	.28	0	0	69	67		2								
	1549	3	.10*	0	0	72	67		1								
	2147	4	.01	0	0	72	69		2								
	MID.	X	.03	0	0	69	68	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1537	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.630	26.680	26.600	26.630
BAROGRAPH 64	26.625	26.665	26.620	26.630
BAR. CORR. 65	+.005	*+.015	±0	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
72	66	.43	0	0	14	SE	1610					10	10		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	CONT.	0020			
RW-	0220	0405			
RW-	0520	0535			
RW-	0602	0618			
RW-	0642	0728			
RW-	0740	0810			
RW	0810	0910			
F	0845	1220			
RW-	0910	1220			
RW-	1226	1315			
RW-	1715	1805			
RW-	2123	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: 1000P ±3 Sec./ 1721P ±3 Sec./ ± Sec.

*BAROGRAPH CHANGED RE-SET TO "0"

0053P / APP 810 / 2358P 0950P / 1211 / 2358P 1851P / APP 203 / 2359P

SP / 5

RS / 1

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: 1983 AUG 18

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Mbs.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SENSORS INTAKES (14)
SA	0054	7 SCT M13 OVC	3		RW F	136	67	67	30	02		002	70712 12//	JC
SA	0151	7 SCT M14 OVC	3		RW F	127	67	66	32	04		000	RW OCNL RW+	JC
SA	0252	5 SCT M12 OVC	3		RW F	120	66	66	19	05		998		JC
RS	0356	W S X	1		RW F	120	65	65	29	02		998	61424 TWO 65 20263	/
/													RADAT //144 RAISCG 144MSL	HS
SP	0435	5 SCT M12 OVC	7		RW-				31	04		998		HS
SA	0446	3 SCT M12 OVC	7		RW-	120	66	65	30	03		998	MTNS OBSCD ALQDS	HS
SA	0550	3 SCT E12 BKN 20 OVC	5		RW-	124	66	65	24	06		999	MTNS OBSCD ALQDS RE10B40	HS
SP	0612	3 SCT M10 BKN 20 OVC	3		RW-F				32	11		001	MTNS OBSCD ALQDS	/
/													RW- OCNLY RW	HS
SP	0626	3 SCT M10 OVC	1		RW+F				30	09		001	MTNS OBSCD ALQDS	HS
RS	0648	3 SCT M5 OVC	2		RW F	135	62	62	26	07		002	61466 12//	HS
SP	0702	5 SCT M20 OVC	4		RW-F				29	07		002	MTNS OBSCD ALQDS	HS
SA	0747	5 SCT M20 OVC	3		RW-F	141	63	62	20	06		003	MTNS OBSCD ALQDS	HS
SA	0847	5 SCT E20 OVC	6		RW-F	141	64	63	20	02		003	MTNS OBSCD ALQDS	HS
SA	0951	5 SCT M16 OVC	6		RW-F	140	65	63	19	06		003	MTNS OBSCD ALQDS	/
/													10398 12// 62	HS
SA	1047	5 SCT M14 OVC	7		RW-	140	66	64	23	06		003	MTNS OBSCD ALQDS	/
/													PCPN VRY LGT	HS
SA	1147	3 SCT 6 SCT M14 OVC	7		RW-	140	67	64	21	05		003	CIG RGD MTNS OBSCD ALQDS	HS
SA	1249	3 SCT 6 SCT M14 OVC	7		RW-	140	67	64	24	06		003	CIG RGD 40010 12//	HS
RS	1348	3 SCT M8 BKN 28 OVC	6		RW-	141	67	64	30	03		003	CIG RGD	HS
SA	1447	3 SCT M8 OVC	4		RW-	139	65	64	14	02		002	CIG RGD RW- OCNLY RW	HS
SA	1550	2 SCT E8 OVC	6		RW-	139	66	63	12	07		002	60330 18// 67	RD
—			—			—						—	RADAT 80129	
SP	1624	3 SCT E8 OVC	7		RW-				12	07		002		RD
SA	1649	3 SCT E8 OVC	7		RW-	139	66	63	11	07		002	MTNS OBSCD ALQDS	RD
SP	1713	3 SCT E15 OVC	7		RW-				10	07		002		RD
SA	1749	3 SCT M19 OVC	8			140	66	63	12	09		002	RE33	RD
RS	1849	10 SCT E30 BKN 50 OVC	10			145	65	59	13	06		003	RB03E26 / 30302 18//	RD
SA	1949	15 SCT M45 OVC	10			151	66	62	10	07		005		RD
SA	2047	15 SCT M50 OVC	10		RW-	154	65	64	11	07		007	RB22	RD
SA	2151	15 SCT M35 OVC	10			156	65	64	12	08		007	RE14 / 11003 15// 67	RD
SA	2248	20 SCT M55 BKN	10			152	65	63	12	07		006		RD
SA	2349	M35 OVC	10			150	65	64	10	06		005		RD

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☆ U.S. G.P.O. 1982-564-008/1123

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

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 AUG 18

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 54	26.610	67.2	67.0	99	10	4	CuFRA	2	6	Cu	M13	10								10	7	.020			00-01
01 51	26.590	66.5	66.4	99	10															10					01-02
02 52	26.570	65.9	65.8	99	10															10					02-03
03 56	26.570	65.4	65.4	100	10	10	R	W5												10	6	.040			03-04
04 46	26.570	65.6	65.4	99	10															10					04-05
05 50	26.580	66.0	65.1	96	10															10					05-06
06 48	26.610	62.4	62.1	98	10	4	CuFRA	3	6	Cu	M5	10								10	3	.040			06-07
07 47	26.620	63.0	62.4	94	10															10					07-08
08 47	26.620	63.6	63.0	97	10															10					08-09
09 51	26.620	64.8	63.6	94	10	5	CuFRA	5	5	Cu	M16	10								10	1	.010			09-10
10 47	26.620	66.2	65.0	94	10															10					10-11
11 47	26.620	66.6	64.7	91	10															10					11-12
12 49	26.620	66.7	64.9	92	10	2	CuFRA	3	3	CuFRA	6	5	5	Cu	M14	10				10	4	.000			12-13
13 48	26.620	66.5	64.9	93	10															10					13-14
14 47	26.610	65.1	64.4	97	10															10					14-15
15 50	26.610	65.7	64.1	92	10	3	CuFRA	2	7	Sc	E8	10								10	6	.010			15-16
16 49	26.610	66.0	64.3	91	10															10					16-17
17 49	26.610	66.0	64.0	91	10															10					17-18
18 49	26.620	65.4	61.4	81	10	2	CuFRA	10	4	Sc	E30	6	4	Sc	50	10				10	3	.010			18-19
19 49	26.640	65.8	63.5	88	10															10					19-20
20 47	26.650	65.0	64.4	97	10															10					20-21
21 51	26.650	65.0	64.0	95	10	2	CuFRA	15	8	Sc	M35	10								10	1	.030			21-22
22 48	26.645	64.6	63.4	94	9															9					22-23
23 49	26.640	64.8	64.0	96	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	2.21	0	X	69	65	X	X						X		
	0350	1	2.24	0	0	69	65		2								
	0946	2	.98	0	0	66	62		2								
	1542	3	.30	0	0	67	64		2								
	2141	4	.03	0	0	66	65		2								
	MID.	X	0	0	0	65	64	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0355	0950	1549	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.570	26.620	26.610	26.650
BAROGRAPH 64	26.570	26.625	26.610	26.650
BAR. CORR. 65	±0	-.005	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
69	62	3.52	0	0	17	NW	0612					10	10		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW- CONT	0040				
RW	0040	0120			
F	0030	0410			
RW+	0120	0140			
RW	0140	0435			
RW-	0435	0510			
RW-	0540	0618			
F	0612	1020			
RW	0618	0626			
RW+	0626	0633			
RW	0633	0659			
RW-	0659	1733			
RW-	1803	1826			
RW-	2022	2114			

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 WND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK - CLOCK AT: 0958P ±3 Sec./ 1933P ±3 Sec./ ± Sec.

0648P/APP 314/0900P 1849P/1849P 2151P/69/2349P

SP/6
RS/4

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED. ☆U.S. G.P.O. 1982-564-008/103

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1983 AUG 19

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.630	64.5	63.6	96	10	10	Sc	M55												10	7	.020			00-01
01 47	26.630	64.4	64.0	98	10															10					01-02
02 50	26.620	65.0	64.0	95	10															10					02-03
03 54	26.620	64.7	63.7	95	10	4	Sc	20	4	Cu	E35	8	2	Ac	130	10				10	6	.010			03-04
04 49	26.620	65.1	64.0	94	9															9					04-05
05 48	26.630	64.8	63.3	93	8															8					05-06
06 48	26.640	66.4	63.7	87	10	4	Sc	5	6	Cu	M18	10								10	3	.020			06-07
07 47	26.660	66.8	63.7	85	10															10					07-08
08 47	26.670	68.2	64.0	81	10															10					08-09
09 48	26.680	70.8	65.6	77	10	6	Sc	E20	4	Cu	45	10								10	2	.040			09-10
10 48	26.650	72.6	66.0	72	9															9					10-11
11 47	26.660	73.3	65.1	66	10															10					11-12
12 49	26.660	75.1	67.0	67	10	3	Sc	20	7	Cu	M35	10								9	6	.020			12-13
13 48	26.660	73.1	65.4	68	10															10					13-14
14 45	26.660	70.0	67.9	90	10															10					14-15
15 51	26.670	67.6	65.2	89	10	2	CuFRA	15	8	Cb	M35	10								10	3	.010			15-16
16 49	26.670	67.8	65.0	89	10															10					16-17
17 49	26.660	66.8	65.2	92	10															10					17-18
18 51	26.660	66.0	64.7	94	9	3	CuFRA	15	7	Sc	E40	9								9	6	.010			18-19
19 49	26.665	66.0	64.8	94	9															9					19-20
20 49	26.665	66.2	64.7	93	8															8					20-21
21 47	26.660	65.8	65.0	96	7	2	Sc	50	5	Ac	E80	7								6	5	.000			21-22
22 47	26.665	64.6	63.4	94	3															3					22-23
23 47	26.665	63.9	62.4	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 0348	X	.01	0	X	65	64	X	X						X		
	0348	1	.01	0	0	65	64		2								
	0944	2	0	0	0	71	65		1								
	1542	3	.43	0	0	77	66		2								
	2140	4	.01	0	0	68	65		2								
	MID.	X	0	0	0	66	64	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0947	1549	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.620	26.680	26.670	26.660
BAROGRAPH 64	26.620	26.675	26.665	26.660
BAR. CORR. 65	±0	+.005	+.005	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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	WATER EQUIV. (Ins.) 80	81
77	64	.45	0	0	17	SW	1204					10	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0124	0302			
RW-	1345	1457			
T	1403	1539			
RW	1457	1510			
RW-	1510	1621			
RW-	1648	1707			
RW-	1805	1902			

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: 0823P ± 3 Sec./ 1935P ± 3 Sec./ ± Sec.

~~0648P CLD CODE 1800 0848P~~ CLD CODE GRP SHUD BE 18// AS SENT

1305P - TIME - 1405P 0354P/0354P 0648P/0648P 1015P/1015P

1348P/1348P 1405P/1405P 1249P/18//2358P 0354P/18//0648P

SP/6
RS/3

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

☆U.S. G.P.O. 1982-564-008/1032

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: 1983 AUG 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 (14)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0049	M55 OVC	10			146	65	63	12	05		004	707	RD
SA	0149	E50 OVC	10		RW-	147	64	64	18	03		004	RB24	RD
SA	0250	M35 OVC	10		RW-	143	65	64	10	03		003		RD
SA	0354	20SCT E35 BKN 130	20			144	65	63	12	07		003	RE02 60301 127/ 64	/
/													201/32 RADAT 94140	HS
SA	0449	25 SCT E45 BKN	20			143	65	63	11	03		003	FEW CU FRA	HS
RS	0548	5SCT 25 SCT E45 BKN	20			146	65	63	12	08		004	CLDS TPG MTNS N-NE SE-S	HS
SP	0629	5SCT M18 BKN 45 OVC	20						12	11		005	CLDS TPG MTNS ALQDS	HS
SA	0648	5 5SCT M18 OVC	20			151	66	62	11	11		005	BINOVC CLDS TPG MTNS	/
/		55											ALQDS 307 18 11	HS
SA	0747	E20 BKN 40 OVC	20			156	67	62	12	10		008	CLDS TPG MTNS ALQDS	HS
SA	0847	E20 BKN 40 OVC	20			161	68	62	14	08		009	CLDS TPG MTNS ALQDS	HS
SA	0948	E20 BKN 45 OVC	20			164	71	63	13	11		010	CLDS TPG MTNS ALQDS 214	/
/													18 11 64	HS
SP	1015	20SCT E50 BKN	20						11	10		009	CLDS TPG MTNS NE SE	HS
SA	1048	20 SCT E50 BKN 90 BKN	20			151	73	63	13	10		007	CLDS TPG MTNS NW-NE SE	HS
SA	1147	20 SCT E40 BKN 90 OVC	20			154	73	61	14	03		008	CLDS TPG MTNS ALQDS	/
/													RWLS N-E	HS
SA	1249	20 SCT M35 OVC	20			154	75	63	26	07		008	BINOVC CLDS TPG MTNS	/
/						154							ALQDS*18 07	HS
SA	1348	20 SCT E35 OVC	20		RW-	154	73	62	24	06		008	CLDS TPG MTNS ALQDS	/
SP	4	20 SCT M35 OVC	5		TRW-								RB45	HS
SP	1605	20 SCT M35 OVC	5		TRW-				20	08		008	T SE B03 MOVG N	HS
RS SA	1445	15 SCT M22 OVC	5		TRW-	156	70	67	19	09		008	T SE-S MOVG N B03	/
/													VSBY SE-S 3	HS
SP	1457	15 SCT M22 OVC	2		TRW				18	11		008	T OVHD AND E MOVG N	/
/													RW OCNLY RW+	HS
SP	1510	15 SCT M22 OVC	5		TRW-				27	12		008	T N-E MOVG N	HS
SP	1539	15 SCT M22 OVC	7		RW-				34	04		009	TE39	RD
RS	1551	15 SCT M35 OVC	10		RW-	161	68	64	27	09		009	TE39 CB NW MOVG N/	RD
—			—									—	30343 19// 77 RADAT	—
—			—									—	80140	—
SA	1649	15 SCT E35 OVC	15		RW-	161	68	64	29	04		009	RE21B48	RD
SA	1749	15 SCT M32 OVC	15			157	67	64	15	03		008	RE07	RD
SA	1851	15 SCT E40 BKN	15		RW-	157	66	64	23	03		008	B05 / 60301 1800	RD
SA	1949	15 SCT E50 BKN	15			159	66	64	12	03		008	RE02	RD
SA	2049	50 SCT E80 BKN	15			157	66	64	12	03		008		RD
SA	2147	50 SCT E80 BKN	15			155	66	65	00	00		008	50001 1550 77	RD
SA	2247	50 SCT 80 SCT	15			156	65	63	19	03		008		RD
SA	2347	80 SCT	15			157	64	62	08	03		008		RD

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

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

U.S. G.P.O. 1982-564-008/1123

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

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 AUG 20

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.660	62.8	62.2	97	1	0	Sc	50	1	Ac	80	1								1	0	000			00-01
01 47	26.655	62.6	61.6	95	1															1					01-02
02 50	26.655	61.3	60.9	98	1															1					02-03
03 49	26.660	61.0	61.0	100	0															0	0	.000			03-04
04 48	26.680	60.9	60.6	98	2															2					04-05
05 48	26.680	61.6	61.3	98	2															2					05-06
06 48	26.690	66.0	63.7	89	2	0	CuFRA	20	2	Sc	60	2								2	2	.030			06-07
07 49	26.690	71.0	65.2	74	6															6					07-08
08 47	26.690	71.6	63.1	64	7															7					08-09
09 49	26.690	74.0	63.0	56	8	5	Cu	40	3	Ac	E120	8								8	4	.000			09-10
10 48	26.680	75.3	64.4	57	7															7					10-11
11 47	26.660	79.0	65.6	50	5															5					11-12
12 47	26.650	77.1	64.0	50	7	7	Cu	E40												7	7	.040			12-13
13 50	26.640	78.0	63.6	46	8															8					13-14
14 47	26.620	79.0	64.6	47	6															6					14-15
15 51	26.610	79.0	66.8	54	7	7	CB	E40												7	7	.040			15-16
16 46	26.665	73.0	67.0	74	7															7					16-17
17 50	26.610	73.6	63.0	57	7															7					17-18
18 49	26.610	70.9	63.2	67	3	3	CB	65												3	5	.000			18-19
19 46	26.615	68.9	63.6	76	2															2					19-20
20 48	26.625	66.9	64.6	89	4															4					20-21
21 49	26.630	66.6	63.1	82	3	3	Cu	65												3	2	.020			21-22
22 48	26.630	65.0	62.8	91	3															3					22-23
23 48	26.630	64.1	62.5	93	5															5					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	64	60	X	X						X		
	0345	1	0	0	0	66	60		2								
	0945	2	0	0	0	74	60		1								
	1542	3	T	0	0	81	74		1								
	2140	4	.04	0	0	79	67		1								
	MID.	X	0	0	0	67	64	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1550	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.660	26.690	26.610	26.630
BAROGRAPH 64	26.660	26.685	26.665	26.621
BAR. CORR. 65	±0	+.005	+.005	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
81	60	.04	0	0	12	NE	1600					6	4		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1407	1416			
RW-	1543	1715			
T	1640	1729			

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 ± 3 Sec. / 1637P ± 3 Sec. / ± Sec.

0648P - TEMP 66 - 0648P 1646P / 1646P

1849P - SKY - 1849P 1946P / 1946P

SP/1
RS/1

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: 1983 AUG 20

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0049	80 SCT	20			155	63	62	05	05		008	000 1550	RD
SA	0149	80 SCT	20			153	63	61	00	00		007		RD
SA	0250	80 SCT	20			155	61	61	07	03		007		RD
SA	0349	CLR	20			159	61	61	14	03		008	000 60 20044 RADAT 90133	HS
SA	0448	50 SCT	20			166	61	60	11	05		010	CB NW STNRY FEW CU FRA	HS
SA	0548	50 SCT	20			167	62	61	33	03		010	CB NW DSIPTD FEW CU FRA	HS
SA	0648	60 SCT	20			170	64	63	31	02		011	FEW CU FRA 210 1400	HS
SA	0749	50 SCT E120 BKN	20			166	71	62	22	03		011	TCU NW	HS
SA	0847	50 SCT E120 BKN	20			165	72	59	14	06		011	LINE TCU SW-NW	HS
SA	0949	40 SCT E120 BKN	20			165	74	57	24	04		011	LINE TCU SW-NW MDT	/
/													CU ALQDS 400 1270 60	HS
SA	1048	40 SCT E120 BKN	20			161	75	59	29	05		010	LINE TCU SW-NW MDT	/
/													CU ALQDS	HS
SA	1147	40 SCT	20			152	79	59	26	07		008	MDT CU ALQDS	HS
SA	1247	E40 BKN	20			150	77	57	23	08		007	MDT CU ALQDS 714 1200	HS
SA	1350	E40 BKN	20			145	78	56	13	03		005	MDT CU ALQDS	HS
SA	1447	E40 BKN	20			139	79	57	07	02		003	TCU N MDT CU ALQDS RB0TE16	HS
SA	1551	E40 BKN	20		RW-	136	79	61	20	03		002	RB43 CB OVHD AND NE	RD
—			—			—						—	MOVG N / 71400 1900 81	—
—			—			—						—	RADAT 54131	—
RS SA	1646	M55 BKN	20		TRW-	136	73	64	04	09		002	TB40 CB N-S MOVG N	RD
SA	1729	M60 BKN	20						08	09		002	RE15TE29 CB N-S MOVG N	RD
—			—			—						—	RWU N	—
SA	1750	M65 BKN	20			136	74	57	10	07		002	RE15TE29 CB N-S MOVG NE	RD
—			—			—						—	RWU N E	—
SA	1849	65 SCT	20			136	71	59	12	06		002	CB NW MOVG NE/50004	RD
—			—			—						—	1900	—
SA	1946	65 SCT	20			137	69	61	30	05		003	CB NW ~~DSTN~~ DSNT LTG NW	RD
SA	2048	65 SCT	20			140	67	64	03	03		004		RD
SA	2149	65 SCT	20			143	67	60	09	05		004	20704 1100 81	RD
SA	2248	65 SCT	20			143	65	62	00	00		004		RD
SA	2348	65 SCT	20			141	64	62	13	05		004		RD

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

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

☆ U.S. G.P.O. 1982-564-008/1123

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

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1983 AUG 21

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 46	26.630	64.0	62.5	92	4	4	Cu	65												4	4	000			00-01
01 46	26.630	64.3	61.4	86	1															1					01-02
02 50	26.630	62.4	60.4	90	2															2					02-03
03 46	26.640	62.7	60.9	91	1	1	Cu	65												1	3	.010			03-04
04 45	26.640	60.8	59.8	95	1															1					04-05
05 52	26.650	62.5	60.8	91	1															1					05-06
06 47	26.660	65.8	62.1	82	1	1	CB	65												1	3	.020			06-07
07 49	26.670	72.2	63.7	64	2															2					07-08
08 50	26.670	75.6	62.8	50	2															2					08-09
09 46	26.670	75.5	63.4	53	7	7	CB	E70												7	1	.010			09-10
10 46	26.670	77.2	63.5	52	4															4					10-11
11 47	26.660	79.0	63.6	44	5															5					11-12
12 49	26.650	80.0	62.0	37	5	5	Cu	60	0	Ac	150	5								5	8	.020			12-13
13 46	26.630	82.0	63.0	35	4															4					13-14
14 50	26.620	82.1	63.7	37	2															2					14-15
15 50	26.610	81.6	62.0	33	3	3	Cu	70												3	7	.040			15-16
16 50	26.600	80.6	60.0	30	2															2					16-17
17 50	26.600	78.7	59.0	31	1															1					17-18
18 50	26.620	75.1	57.1	33	0	0	Sc	70												0	3	.010			18-19
19 50	26.640	71.7	57.1	41	0															0					19-20
20 50	26.640	72.4	56.7	38	0															0					20-21
21 50	26.640	69.4	56.3	45	0															0	1	.020			21-22
22 50	26.640	68.4	55.5	45	0															0					22-23
23 50	26.640	67.1	56.0	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 0342	X	0	0	X	64	62	X	X						X		
	0342	1	0	0	0	67	62		1								
	0943	2	0	0	0	76	61		1								
	1546	3	0	0	0	82	76		0								
	2146	4	0	0	0	82	69		0								
	MID.	X	0	0	0	69	67	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0343	0944	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.640	26.670	26.610	26.640
BAROGRAPH 64	26.635	26.670	26.610	26.630
BAR. CORR. 65	+.005	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
82	61	0	0	0	22	SW	1528					3	2		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0946P @ 4 Sec./ 2234P @ 4 Sec./ ± Sec.

0946P/APP 103 / 1555P

Barograph changed 1700 P35

R/S = 0

S/P = 0

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 NEVADA**

DATE: 1983 AUG 21

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100's°) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0046	65 SCT	20			141	64	62	30	00		004	TCU N / 400 1200	RD
SA	0148	65 SCT	20			141	64	60	13	03		004		RD
SA	0250	65 SCT	20			142	62	59	12	03		004		RD
SA	0346	65 SCT	20			145	63	60	08	03		005	303 1100 20004 RADAT	EP
/													60125	/
SA	0445	65 SCT	20			148	61	59	06	03		005	TCU NW	EP
SA	0552	65 SCT	20			151	63	60	08	03		006	CB DSNT NW	EP
SA	0647	65 SCT	20			155	66	60	00	00		007	CB DSNT NW/307 1900	EP
SA	0749	65 SCT	20			157	72	59	25	03		008	CB NW TCU N	EP
SA	0850	70 SCT	20			155	76	56	27	05		008	CB NW CU BLDG ALQDS	EP
SA	0946	E70 BKN	20			156	76	57	27	03		008	CB N TCU ALQDS/1603	EP
/													1900 61	/
SA	1046	60 SCT	20			156	77	58	19	05		008	CB DSNT N TCU ALQDS	EP
SA	1147	60 SCT	20			151	79	55	21	11		007	TCU ALQDS	EP
SA	1249	60 SCT/150 SCT	20			146	80	51	22	13		006	TCU ALQDS/807 1230	EP
SA	1346	60 SCT	20			139	82	52	23	14		004	TCU NW-NE	EP
SA	1450	70 SCT	20			135	82	53	23	13		003	TCU NW-NE	EP
SA	1550	70 SCT	20			133	82	50	21	18		002	714 1200 82 RADAT 20134	WRC
SA	1650	70 SCT	20			130	81	46	23	17		001		WRC
SA	1750	70 SCT	20			130	79	49	23	17		001		WRC
SA	1850	CLR	20			137	75	44	24	10		003	303 1400	WRC
SA	1950	CLR	20			144	72	47	00	00		005		WRC
SA	2050	CLR	20			145	72	45	23	09		005		WRC
SA	2150	CLR	20			142	69	47	23	04		005	107 82	WRC
SA	2250	CLR	20			142	68	46	16	04		005		WRC
SA	2350	CLR	20			142	67	46	00	00		005		WRC

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

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

☆ U.S. G.P.O. 1982-564-008/1123

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

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 AUG 22

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.640	63.6	56.3	64	0															0	4	.000			00-01
01 50	26630	61.2	56.2	74	0															0					01-02
02 50	26620	60.6	55.4	75	0															0					02-03
03 46	26.630	60.6	55.7	74	0	0	Sc	80												0	5	.010			03-04
04 46	26.640	58.8	54.8	79	0															0					04-05
05 48	26.650	61.0	55.7	73	0															0					05-06
06 48	26.660	65.0	57.0	62	0	0	Sc	80												0	2	.030			06-07
07 46	26.660	69.8	58.4	52	0															0					07-08
08 45	26.660	75.7	59.2	38	0															0					08-09
09 49	26.660	76.2	57.4	32	0	0	Cu	60												0	4	.000			09-10
10 47	26.650	78.3	58.6	31	0															0					10-11
11 47	26.640	79.9	60.4	32	0															0					11-12
12 50	26.630	79.2	59.2	30	1	1	Cu	60												1	7	.030			12-13
13 50	26.600	82.7	58.2	21	1															1					13-14
14 50	26.590	83.7	59.0	22	0															0					14-15
15 50	26585	82.8	56.0	21	0	0	Cu	60												0	6	.045			15-16
16 50	26575	82.1	56.9	19	0															0					16-17
17 50	26575	79.8	56.6	22	0															0					17-18
18 50	26.575	75.2	53.6	22	0															0	6	.010			18-19
19 50	26.600	74.3	53.5	24	0															0					19-20
20 45	26.610	73.2	53.5	26	0															0					20-21
21 50	26.610	68.2	54.1	41	0															0	1	.035			21-22
22 50	26.610	68.2	52.4	34	0															0					22-23
23 50	26.610	62.3	53.4	57	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	67	60	X	X						X		
	0343	1	0	0		69	60		0								
	0945	2	0	0		76	59		0								
	1546	3	0	0		84	76		0								
	2146	4	0	0		83	64		0								
	MID.	X	0	0		68	62	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0946	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.630	26.660	26.585	26610
BAROGRAPH 64	26.625	26.660	26.575	66.590
BAR. CORR. 65	+.005	0	+.010	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
84	59	0	0	0	24	SW	1559					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: 0930P ±4 Sec./ 2253P ±4 Sec./ ± Sec.

R/S=0

S/P=0

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: 1983 AUG 22

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	CLR	20			144	64	51	04	05		005	400	WRG
SA	0150	CLR	20			140	61	53	02	10		004		WRG
SA	0250	CLR	20			137	61	53	05	03		003		WRG
SA	0346	CLR	20			141	61	52	08	04		004	503 1500 60 RADAT 20147	EP
SA	0446	CLR	20			146	59	52	07	05		005		EP
SA	0548	CLR	20			150	61	52	01	03		006		EP
SA	0648	CLR	20			154	65	52	00	00		007	210 1500	EP
SA	0746	CLR	20			153	70	51	24	04		007		EP
SA	0845	CLR	20			150	76	48	08	04		007		EP
SA	0949	CLR	20			150	76	44	32	06		007	400 1100 59	EP
SA	1047	CLR	20			145	78	45	28	04		006		EP
SA	1147	CLR	20			142	80	48	25	07		005		EP
SA	1250	60 SCT	20			140	79	45	05	05		004	710 1100	EP
SA	1350	60 SCT	20			129	83	39	23	09		001		EP
SA	1450	CLR	20			125	84	41	24	15		999		EP
SA	1550	CLR	20			123	83	39	20	10	G18	999	615 1100 84 RADAT 20135	WRG
SA	1650	CLR	20			121	82	36	23	12	G21	998		WRG
SA	1750	CLR	20			121	80	38	23	13		998		WRG
SA	1850	CLR	20			122	75	34	23	11		998	603	WRG
SA	1950	CLR	20			128	74	35	08	04		001		WRG
SA	2045	CLR	20			129	73	36	26	07		002	WDO DIF URBL	WRG
SA	2150	CLR	20			132	66	43	02	07		002	112 84	WRG
SA	2250	CLR	20			131	66	39	00	00		002		WRG
SA	2350	CLR	20			133	62	47	03	07		002		WRG

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

FM12-VII: Iiiii iR_ixhVV 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: 1983 AUG 23

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	26600	61.1	52.9	59	0															0	8	.010			00-01
01 50	26.600	60.2	52.0	59	0															0					01-02
02 50	26.600	58.6	52.0	64	0															0					02-03
03 48	26,600	57.9	51.7	67	0															0	4	.000			03-04
04 46	26.610	57.0	51.0	67	0															0					04-05
05 46	26.620	57.2	51.8	69	0															0					05-06
06 47	26,630	66.0	53.7	45	0															0	2	.030			06-07
07 45	26,630	68.5	53.8	38	0															0					07-08
08 47	26,640	74.8	54.7	26	0															0					08-09
09 50	26,640	79.2	56.3	23	0															0	1	.010			09-10
10 45	26 630	80.6	55.6	18	0															0					10-11
11 46	26,620	80.8	56.0	19	0															0					11-12
12 47	26.610	83.1	56.0	16	0															0	7	.030			12-13
13 47	26.590	85.8	57.2	15	0															0					13-14
14 50	26,570	86.0	58.4	17	0															0					14-15
15 50	26.565	86.8	59.0	17	0															0	6	.045			15-16
16 50	26.555	84.9	58.0	18	0															0					16-17
17 50	26.555	82.8	57.3	19	0															0					17-18
18 50	26570	77.4	56.3	25	0															0	3	.005			18-19
19 50	26.585	74.9	55.1	27	0															0					19-20
20 45	26600	71.0	56.2	41	0															0					20-21
21 50	26600	69.0	55.3	42	0															0	1	.030			21-22
22 50	26.600	67.9	54.6	43	0															0					22-23
23 50	26610	68.0	54.0	40	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	62	58	X	X						X		
	0343	1	0	0	0	68	58		0								
	0945	2	0	0	0	79	57		0								
	1546	3	0	0	0	87	79		0								
	2146	4	0	0	0	87	69		0								
	MID.	X	0	0	0	69	67	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0946	1545	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26,600	26,640	26565	26600
BAROGRAPH 64	26 585	26,630	26555	26580
BAR. CORR. 65	+015	+010	+010	+020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
87	57	0	0	0	21	SW	1410					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: 1000P ±4 Sec./ 2307P ±4 Sec./ ± Sec.

+

R/S = 0

S/P = 0

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: 1983 AUG 23

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. SERVERS INITIALS (15)
SA	0050	CLR	20			131	61	47	03	09		001	303	WRG
SA	0150	CLR	20			128	60	46	09	07		001		WRG
SA	0250	CLR	20			128	59	47	00	00		001		WRG
SA	0348	CLR	20			130	58	47	03	04		001	400 58 RADAT 20138	EP
SA	0446	CLR	20			135	57	46	10	06		002		EP
SA	0546	CLR	20			140	57	48	00	00		003		EP
SA	0647	CLR	20			142	66	44	00	00		004	210	EP
SA	0745	CLR	20			140	69	42	31	04		004		EP
SA	0847	CLR	20			142	75	38	21	03		005		EP
SA	0950	CLR	20			142	79	38	24	06		005	103 57	EP
SA	1045	CLR	20			137	81	33	17	06		004		EP
SA	1146	CLR	20			136	81	35	17	04		003		EP
SA	1247	CLR	20			132	83	32	25	06		002	710	EP
SA	1347	CLR	20			124	86	33	23	09		999		EP
SA	1450	CLR	20			116	86	36	24	15		997		EP
SA	1550	CLR	20			114	87	37	18	11		997	615 87 RADAT 20144	WRG
SA	1650	CLR	20			113	85	36	21	12		996		WRG
SA	1750	CLR	20			115	83	37	22	10		996		WRG
SA	1850	CLR	20			118	76	39	28	07		997	302	WRG
SA	1950	CLR	20			123	75	39	31	03		999		WRG
SA	2045	CLR	20			128	71	46	02	04		001		WRG
SA	2150	CLR	20			127	69	45	04	08		001	110 87	WRG
SA	2250	CLR	20			126	68	45	05	06		001		WRG
SA	2350	CLR	20			130	68	43	10	05		002		

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: 1983 AUG 24

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.610	64.3	54.3	53	0															0	1	.010			00-01
01 50	26610	63.7	54.2	55	0															0					01-02
02 50	26610	61.0	53.0	60	0															0					02-03
03 46	26.610	59.8	54.3	71	0															0	4	.000			03-04
04 47	26.620	58.7	53.4	72	0															0					04-05
05 48	26.630	59.6	53.5	68	0															0					05-06
06 48	26.630	64.7	54.8	54	0															0	1	020			06-07
07 47	26.640	71.5	56.5	40	0															0					07-08
08 45	26.650	77.8	57.0	27	0															0					08-09
09 47	26.660	81.2	58.0	24	0															0	2	.030			09-10
10 48	26.650	82.8	57.2	19	0															0					10-11
11 49	26.650	85.8	56.7	14	0															0					11-12
12 49	26.650	86.7	57.5	14	0															0	6	.010			12-13
13 48	26.630	86.6	57.2	14	0															0					13-14
14 50	26.630	87.9	57.3	13	0															0					14-15
15 50	26620	87.3	56.1	11	0															0	7	.030			15-16
16 50	26620	85.7	56.8	14	0															0					16-17
17 50	26630	83.0	55.0	14	0															0					17-18
18 50	26.640	78.4	53.2	16	0															0	3	.020			18-19
19 50	26655	77.8	54.3	19	0															0					19-20
20 45	26675	76.0	54.3	23	0															0					20-21
21 50	26.680	73.1	54.4	29	0															0	2	.040			21-22
22 50	26680	69.7	55.1	40	0															0					22-23
23 50	26.690	67.1	55.0	47	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	68	60	X	X						X		
	0343	1	0	0	0	69	60		0								
	0944	2	0	0	0	81	58		0								
	1546	3	0	0	0	88	81		0								
	2146	4	0	0	0	87	73		0								
	MID.	X	0	0	0	73	67	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0945	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.610	26.660	26620	26.680
BAROGRAPH 64	26.600	26.660	26615	26660
BAR. CORR. 65	+.010	0	+.005	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML 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
88	58	0	0	0	29	S	1146					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK-CLOCK AT: 0700P 04 Sec. 2303P 04 Sec. ± Sec.

0346P/0346P

R/S = 0

S/P = 0

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: 1983 AUG 24

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (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	0050	CLR	20			131	64	47	05	05		002	103	WRG
SA	0150	CLR	20			129	64	47	06	03		002		WRG
SA	0250	CLR	20			130	61	47	05	07		002		WRG
SA	0346	CLR	20			130	60	51	10	05		002	400 60 RADAT 20134	~~WRG~~ EP
SA	0447	CLR	20			135	59	50	05	03		003		EP
SA	0548	CLR	20			142	60	49	04	04		004		EP
SA	0648	CLR	20			140	65	48	28	03		004	107	EP
SA	0747	CLR	20			143	72	46	31	03		005		EP
SA	0845	CLR	20			145	78	41	31	04		006		EP
SA	0947	CLR	20			147	81	40	32	06		007	210 58	EP
SA	1048	CLR	20			143	83	36	23	16	G23	006		EP
SA	1149	CLR	20			142	86	31	20	18	G29	006		EP
SA	1249	CLR	20			143	87	32	21	14		006	603	EP
SA	1348	CLR	20			136	87	31	21	17	G26	004		EP
SA	1450	CLR	20			137	88	30	22	15		004		EP
SA	1550	CLR	20			135	87	26	20	12	G20	003	710 88 RADAT 20139	WRG
SA	1650	CLR	20			136	86	31	20	16		003		WRG
SA	1750	CLR	20			140	83	28	23	12		004		WRG
SA	1850	CLR	20			143	78	28	25	07		005	307	WRG
SA	1950	CLR	20			147	78	33	08	03		007		WRG
SA	2045	CLR	20			151	76	35	13	07		009		WRG
SA	2150	CLR	20			154	73	39	07	05		010	214 88	WRG
SA	2250	CLR	20			153	70	44	08	06		010	FEW CI NW	WRG
SA	2350	CLR	20			158	67	46	00	00		011	FEW CI NW	WRG

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

FM12-VII: IIiii iR_ixhVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

☆ U.S. G.P.O. 1982-564-008/1123

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

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 AUG 25

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.700	64.5	55.0	56	0	0	Ci	250												0	2	.020			00-01
01 50	26.700	61.3	54.9	67	0															0					01-02
02 50	26.710	61.0	54.9	69	0															0					02-03
03 51	26.710	60.6	54.5	69	0															0	1	.010			03-04
04 49	26.725	60.8	53.6	64	0															0					04-05
05 48	26.740	62.3	54.8	63	0															0					05-06
06 51	26.750	67.6	55.7	48	0	0	Ci	250												0	3	.040			06-07
07 48	26.755	72.7	56.0	35	0															0					07-08
08 49	26.760	76.8	56.4	27	0															0					08-09
09 48	26.765	80.5	58.3	26	0	0	Ci	250												0	2	.015			09-10
10 47	26.750	82.0	58.9	25	0															0					10-11
11 47	26.730	84.1	59.1	22	0															0					11-12
12 48	26.720	87.6	59.9	18	0	0	Ci	250												0	8	.045			12-13
13 48	26.700	89.8	59.7	15	0															0					13-14
14 50	26.690	89.6	59.4	15	0															0					14-15
15 47	26.675	89.0	59.1	15	0															0	7	.045			15-16
16 46	26.670	88.4	59.1	16	0															0					16-17
17 48	26.670	85.7	58.7	18	0															0					17-18
18 47	26.680	81.2	57.7	23	0															0	3	.005			18-19
19 46	26.685	75.4	58.2	36	0															0					19-20
20 46	26.710	72.5	57.9	42	0															0					20-21
21 49	26.710	71.1	57.6	45	0															0	1	.030			21-22
22 46	26.710	68.0	57.8	55	0															0					22-23
23 47	26.715	66.4	56.4	55	0															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	67	61	X	X						X		
	0345	1	0	0	0	73	61		0								
	0945	2	0	0	0	81	61		0								
	1543	3	0	0	0	91	81		0								
	2144	4	0	0	0	89	70		0								
	MID.	X	0	0	0	71	66	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0947	1545	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.710	26.765	26.675	26.710
BAROGRAPH 64	26.690	26.745	26.680*	26.715
BAR. CORR. 65	+.020	+.020*	-.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
91	61	0	0	0	20	SW	1321					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: 0502P ±4 Sec./ 1851P ±4 Sec./ ± Sec.

*Barograph Changed 0950P 0 corr.

SP/0

RS/0

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: 1983 AUG 25

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVERS INITIALS (15)
SA	0050	CLR	20			163	65	44	36	05		012	207 1005	WRG
SA	0150	CLR	20			165	61	50	33	05		012	FEW CI NW	WRG
SA	0250	CLR	20			168	61	51	05	03		013	FEW CI NW	WRG
SA	0351	CLR	20			168	61	50	35	06		013	103 61 RADAT 21143	JD
SA	0449	CLR	20			174	61	48	09	06		015		JD
SA	0548	CLR	20			181	62	50	09	02		016		JD
SA	0651	CLR	20			185	68	47	27	03		017	314 1005	JD
SA	0748	CLR	20			183	73	44	06	02		018		JD
SA	0849	CLR	20			184	77	41	34	03		018		JD
SA	0948	CLR	20			186	81	42	24	05		019	205 1001 61	JD
SA	1047	CLR	20			182	82	42	04	06		017		JD
SA	1147	CLR	20			174	84	41	04	04		015		JD
SA	1248	CLR	20			170	88	39	16	04	G17	014	815 1001	JD
SA	1348	CLR	20			162	90	36	17	08	G19	012		JD
SA	1450	CLR	20			159	90	35	21	10	G18	011		JD
SA	1547	CLR	20			154	89	35	22	13		009	715 91 RADAT 20143	SH
SA	1646	CLR	20			153	88	36	21	13		008		SH
SA	1748	CLR	20			154	86	38	25	09		008		SH
SA	1847	CLR	20			157	81	40	25	03		010	302	SH
SA	1946	CLR	20			163	75	46	03	04		012		SH
SA	2046	CLR	20			168	73	48	09	06		013		SH
SA	2149	CLR	20			166	71	49	07	04		013	110 91	SH
SA	2246	CLR	20			168	68	51	14	03		013		SH
SA	2347	CLR	20			168	66	50	12	03		014		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: 26 AUG 1983

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 47	26.715	65.1	56.0	58	0															0	1	.005			00-01
01 46	26.710	65.1	55.4	55	0															0					01-02
02 45	26.710	63.0	54.6	60	0															0					02-03
03 48	26.720	63.1	53.9	56	0															0	3	.005			03-04
04 48	26.720	61.4	53.6	61	0															0					04-05
05 48	26.740	60.9	53.7	64	0															0					05-06
06 47	26.750	67.9	55.4	46	0															0	2	.030			06-07
07 47	26.755	74.3	56.0	31	0															0					07-08
08 48	26.755	80.0	57.9	25	0															0					08-09
09 49	26.755	84.7	58.1	18	0	0	Ci	250												0	1	.005			09-10
10 48	26.750	84.5	58.2	19	0															0					10-11
11 47	26.735	86.7	58.8	17	0															0					11-12
12 49	26.715	90.9	58.8	12	0	0	Ci	250												0	8	.040			12-13
13 49	26.690	92.8	58.4	9	0															0					13-14
14 50	26.670	92.6	57.6	8	0															0					14-15
15 48	26.665	92.8	57.6	8	0															0	6	.050			15-16
16 47	26.660	91.1	57.5	9	0															0					16-17
17 46	26.655	89.1	57.0	11	0															0					17-18
18 47	26.670	83.1	56.1	16	0															0	3	.005			18-19
19 49	26.685	78.0	57.5	28	0															0					19-20
20 46	26.690	71.6	57.0	41	0															0					20-21
21 47	26.695	71.3	55.0	35	0															0	2	.025			21-22
22 45	26.700	72.0	53.8	30	0															0					22-23
23 47	26.700	71.1	52.7	28	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	66	62	X	X						X		
	0344	1	0	0	0	71	62		0								
	0945	2	0	0	0	85	59		0								
	1544	3	0	0	0	94	85		0								
	2142	4	0	0	0	93	71		0								
	MID.	X	0	0	0	72	71	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0948	1546	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.720	26.755	26.665	26.695
BAROGRAPH 64	26.720	26.760	26.670	26.700
BAR. CORR. 65	0	.005	-.005	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND: SPEED (Kts.) 71	PEAK WIND: DIRECTION 72	PEAK WIND: TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.): TOP 75	FROZEN GROUND LAYER (Ins.): BASE 76	RIVER GAGE 77	SKY COVER: SUNRISE TO SUNSET 78	SKY COVER: MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
94	59	0	0	0	23	SW	1518					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0425 P ±4 Sec./ 2045 ±4 Sec./ ± Sec.

SP/0

RS/0

MF1-10A
(1-82)

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

STATION **WSMO, DESERT ROCK NEVADA**

SURFACE WEATHER OBSERVATIONS

DATE 26 AUG 1993

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	0047	CLR	20			166	65	50	12	04		014	102	SH
SA	0146	CLR	20			164	65	49	13	02		013		SH
SA	0245	CLR	20			165	63	49	09	04		013		SH
SA	0348	CLR	20			170	63	47	32	03		014	302 62 RADAT 20142	JD
SA	0448	CLR	20			171	61	48	12	03		014		JD
SA	0548	CLR	20			180	61	49	00	00		016		JD
SA	0647	CLR	20			183	68	46	33	03		017	210	JD
SA	0747	CLR	20			185	74	42	32	03		018		JD
SA	0848	CLR	20			182	80	41	27	02		018		JD
SA	0949	CLR	20			181	85	37	35	02		018	102 1005 59	JD
SA	1048	CLR	20			180	85	37	35	03		017		JD
SA	1147	CLR	20			175	87	37	09	03		016		JD
SA	1249	CLR	20			166	91	32	21	08		014	814 1002	JD
SA	1349	CLR	20			156	93	27	20	09	G17	011		JD
SA	1450	CLR	20			149	93	23	24	12		008		JD
SA	1548	CLR	20			146	93	23	24	11		008	617 94 RADAT 20153	SH
SA	1647	CLR	20			146	91	26	23	12		007		SH
SA	1746	CLR	20			146	89	27	22	08		007		SH
SA	1847	CLR	20			151	83	32	23	02		008	302	SH
SA	1949	CLR	20			157	78	42	30	02		011		SH
SA	2046	CLR	20			159	72	47	07	06		011		SH
SA	2147	CLR	20			158	71	42	05	06		012	208 94	SH
SA	2245	CLR	20			160	72	39	09	10		012		SH
SA	2347	CLR	20			160	71	36	08	07		012		SH

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 $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

☆ U.S. G.P.O. 1982-564-008/1123

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

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: [illegible], DESERT ROCK NEVADA

DATE: 27 AUG 1983

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.700	69.6	52.5	31	0															0	1	.005			00-01
01 46	26.690	63.1	53.0	52	0															0					01-02
02 46	26.700	63.3	52.6	50	0															0					02-03
03 49	26.710	63.5	51.9	46	0															0	3	.010			03-04
04 47	26.715	61.7	52.4	55	0															0					04-05
05 49	26.730	63.2	53.9	56	0															0					05-06
06 47	26.735	68.7	54.6	41	0															0	1	.025			06-07
07 47	26.735	75.5	56.3	30	0															0					07-08
08 48	26.735	82.6	58.2	22	0															0					08-09
09 47	26.730	88.5	59.9	17	0	0	Ac	120												0	8	.005			09-10
10 47	26.720	90.7	60.8	16	1															1					10-11
11 49	26.700	91.5	60.2	14	1															1					11-12
12 49	26.685	94.9	63.2	16	1	1	Ac	120												1	7	.045			12-13
13 47	26.670	93.7	63.0	17	1															1					13-14
14 50	26.640	95.2	64.2	18	1															1					14-15
15 46	26.630	94.2	63.3	17	1	1	Cu	90												1	7	.055			15-16
16 47	26.625	92.0	62.2	17	1															1					16-17
17 46	26.620	90.1	61.8	19	1															1					17-18
18 46	26.630	85.0	61.6	26	0	0	Cu	90												0	5	.000			18-19
19 47	26.640	81.3	61.2	32	3															0					19-20
20 48	26.645	80.6	61.0	33	0															0					20-21
21 49	26.645	79.2	60.7	35	2	2	Cu	90												2	1	.015			21-22
22 46	26.650	80.0	60.7	33	0															0					22-23
23 49	26.660	72.7	60.5	50	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	71	62	X	X						X		
	0345	1	0	0	0	72	62		0								
	0943	2	0	0	0	89	60		0								
	1542	3	0	0	0	95	89		0								
	2145	4	0	0	0	94	79		0								
	MID.	X	0	0	0	80	73	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0946	1544	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.710	26.730	26.630	26.645
BAROGRAPH 64	26.700	26.730	26.630	26.645
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 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
95	60	0	0	0	23	SW	1539					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: 0603P ±4 Sec./ 2330P ±4 Sec./ ± Sec.

SP/0
RS/0

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 AUG 1983

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	0049	CLR	20			158	70	38	13	07		012	102	SH
SA	0146	CLR	20			157	63	45	36	07		011		SH
SA	0246	CLR	20			160	63	44	12	03		012		SH
SA	0349	CLR	20			164	64	42	36	04		013	303 62 RADAT 20148	JD
SA	0447	CLR	20			166	62	45	36	02		014		JD
SA	0549	CLR	20			174	63	47	04	02		015		JD
SA	0647	CLR	20			176	69	44	09	03		016	108	JD
SA	0747	CLR	20			175	76	42	33	03		016		JD
SA	0848	CLR	20			175	83	40	32	04		016	AC SE	JD
SA	0947	CLR	20			170	89	38	19	03		015	802 1030 60	JD
SA	1047	120 SCT	20			164	91	39	32	04		014		JD
SA	1149	120 SCT	20			156	92	36	07	05		012		JD
SA	1249	120 SCT	20			151	95	42	22	09		011	715 1030	JD
SA	1347	120 SCT	20			149	94	42	18	10		008		JD
SA	1450	110 SCT	20			136	95	44	23	12	G21	005		JD
SA	1546	90 SCT	20			133	94	43	23	13	G23	004	719 1100 95 RADAT 25147	SH
SA	1647	90 SCT	20			133	92	42	23	11		004	TCU E	SH
SA	1746	90 SCT	20			131	90	42	21	13		003		SH
SA	1846	CLR	20			134	85	46	16	06		004	500 1100	SH
SA	1947	250 - SCT	20			136	81	48	11	08		005		SH
SA	2048	CLR	20			135	81	49	11	07		006		SH
SA	2149	90 SCT	20			134	79	49	08	06		006	105 1100 95	SH
SA	2246	CLR	20			135	80	48	12	05		006	FEW CU	SH
SA	2349	CLR	20			141	73	53	09	05		007		SH

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 $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

☆ U.S. G.P.O. 1982-564-008/1123

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

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 28 AUG 1983

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	26.650	75.4	59.4	40	0															0	0	.005			00-01
01 46	26.645	73.3	59.3	46	0															0					01-02
02 45	26.650	70.1	60.0	57	0															0					02-03
03 52	26.650	67.6	54.0	61	0															0	5	.000			03-04
04 51	26.655	68.9	58.0	53	0															0					04-05
05 47	26.665	69.2	58.0	53	0															0					05-06
06 50	26.675	75.4	61.5	46	0	0	CU	80	0	AC	150	0								0	3	.025			06-07
07 48	26.680	83.7	60.2	25	0															0					07-08
08 48	26.685	88.6	60.0	17	0															0					08-09
09 49	26.670	91.4	60.2	14	0	0	CU	60												0	8	.005			09-10
10 49	26.670	91.7	62.0	17	0															0					10-11
11 49	26.660	92.9	61.7	15	0															0					11-12
12 49	26.655	94.0	62.1	15	1	1	CU	60	0	ACSL	140	1								1	8	.010			12-13
13 49	26.625	94.8	63.0	16	0															0					13-14
14 45	26.605	94.0	61.9	15	0															0					14-15
15 47	26.590	93.6	61.8	15	0	0	CU	60												0	6	.065			15-16
16 46	26.580	89.8	61.0	18	0															0					16-17
17 47	26.575	89.5	60.7	18	0															0					17-18
18 45	26.580	86.3	58.4	17	0															0	5	.010			18-19
19 47	26.590	81.0	58.4	25	0															0					19-20
20 46	26.590	79.7	57.1	24	0															0					20-21
21 44	26.590	78.4	56.7	25	0															0	1	.000			21-22
22 47	26.600	77.5	56.4	26	0															0					22-23
23 46	26.600	74.8	55.5	29	0															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	75	67	X	X						X		
	0345	1	0	0	0	80	67		0								
	0947	2	0	0	0	91	67		0								
	1542	3	0	0	0	95	91		0								
	2140	4	0	0	0	94	77		0								
	MID.	X	0	0	0	80	72	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0947	1546	2143
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.650	26.670	26.590	26.590
BAROGRAPH 64	26.645	26.680	26.600	26.595
BAR. CORR. 65	+.005	-.010	-.010	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
95	67	0	0	0	26	S	1423					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: 1005P ±4 Sec./ 2350P ±4 Sec./ ± Sec.

SP-0/RS-0

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 28 AUG 1983

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			134	75	49	09	08		006	002	SH
SA	0146	CLR	20			134	73	50	14	05		006		SH
SA	0245	CLR	20			136	70	54	06	05		006		SH
SA	0352	CLR	20			137	68	54	07	05		006	SKO 67 RADAT 27144	SEA
SA	0451	CLR	20			140	69	51	08	04		007		SEA
SA	0547	CLR	20			145	69	51	06	03		008	FEW AC DSNT NW	SEA
SA	0650	CLR	20			149	75	53	00	00		009	FEW CU SE AC DSNT NW/308 1170	SEA
SA	0748	CLR	20			150	84	44	00	00		010	FEW AC DSNT NW	SEA
SA	0848	CLR	20			149	89	39	18	13		011		SEA
SA	0949	CLR	20			142	91	36	19	12		009	FEW CU SE / 802 1100 67	SEA
SA	1049	CLR	20			142	92	41	21	12	G20	009	FEW CU	SEA
SA	1149	CLR	20			141	93	39	20	14	G21	008	*FEW CU NE-SE *ACSL E	SEA
SA	1249	60 SCT 140 SCT	20			137	94	39	21	14	G24	007	ACSL/TCU E / 805 1240	SEA
SA	1349	CLR	20			127	95	41	22	17	G22	004	FEW TCU/BLDG CU NE-SE	SEA
SA	1445	CLR	20			120	94	40	20	14		002	BLDG CU NE-SE	SEA
SA	1547	CLR	20			115	94	39	20	16		999	622 1200 95 RADAT 28145	008
SA	1646	CLR	20			113	90	40	20	15		998		008
SA	1747	CLR	20			111	90	40	19	10	G17	998		008
SA	1845	CLR	20			112	86	36	20	12		998	503	008
SA	1947	CLR	20			113	81	42	21	02		999		008
SA	2046	CLR	20			113	80	39	09	06		999		008
SA	2144	CLR	20			111	78	40	07	06		999	103 95	008
SA	2247	CLR	20			116	78	40	15	06		001		008
SA	2346	CLR	20			117	75	40	13	04		001		008

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

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

☆ U.S. G.P.O. 1982-564-008/1123

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

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 AUG 29

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.600	73.2	54.1	28	0															0	1	.010			00-01
01 50	26.600	74.7	53.6	23	0															0					01-02
02 48	26.600	76.6	53.5	19	0															0					02-03
03 46	26.600	79.9	55.0	18	0															0	4	.000			03-04
04 47	26.610	77.4	54.0	20	0															0					04-05
05 49	26.620	74.8	53.8	23	0															0					05-06
06 49	26.625	79.4	55.6	20	0															0	1	.025			06-07
07 48	26.630	84.0	56.0	15	0															0					07-08
08 49	26.630	87.0	57.8	15	0															0					08-09
09 49	26.640	88.4	59.0	15	0	0	CU	70												0	2	.015			09-10
10 49	26.630	89.0	60.1	17	0															0					10-11
11 49	26.625	90.5	60.5	16	0															0					11-12
12 47	26.615	90.9	60.1	14	0	0	CU	70												0	7	.025			12-13
13 48	26.600	91.8	60.3	14	0															0					13-14
14 45	26.590	91.1	60.5	15	0															0					14-15
15 52	26.565	90.8	60.4	15	0	0	CU	80												0	7	.050			15-16
16 45	26.555	90.0	60.2	16	0															0					16-17
17 48	26.550	88.3	59.6	15	0															0					17-18
18 45	26.565	84.4	57.8	18	0															0	5	.000			18-19
19 46	26.570	82.1	57.4	21	0															0					19-20
20 45	26.580	78.1	58.1	30	0															0					20-21
21 52	26.600	76.7	57.3	30	0															0	3	.035			21-22
22 45	26.610	75.1	57.2	33	0															0					22-23
23 49	26.610	73.8	56.4	34	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0342	X	0	0	X	81	71	X	X						X		
	0342	1	0	0	0	81	71		0								
	0944	2	0	0	0	89	73		0								
	1547	3	0	0	0	93	88		0								
	2148	4	0	0	0	91	76		0								
	MID.	X	0	0	0	78	74	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0947	1551	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.600	26.640	26.565	26.600
BAROGRAPH 64	26.600	26.646	26.575	26.600
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 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
93	71	0	0	0	28	S	1335					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: 0553P ±5 Sec./ 1945P ±4 Sec./ ± Sec.

SP-0 / RS-0

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: 1983 AUG 29

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			117	73	38	05	02		001	103	008
SA	0150	CLR	20			115	75	35	07	04		001		008
SA	0248	CLR	20			115	77	32	13	10		001		008
SA	0346	CLR	20			113	80	33	21	12	G21	001	400 71 RADAT 26149	SEA
SA	0447	CLR	20			120	77	33	23	05		002		SEA
SA	0549	CLR	20			126	75	35	26	03		003	CU SE	SEA
SA	0649	CLR	20			128	79	35	29	04		004	*108 *WND LGT VRBL/	SEA
SA	0748	CLR	20			130	84	31	20	12		005		SEA
SA	0849	CLR	20			128	87	33	20	11		005		SEA
SA	0949	CLR	20			132	88	35	19	17		005	FEW CU SE/ 205 1100 71	SEA
SA	1049	CLR	20			128	89	38	20	15		004	FEW CU	SEA
SA	1149	CLR	20			128	91	38	22	17	G24	004	FEW CU	SEA
SA	1247	CLR	20			124	91	36	22	19	G25	003	FEW CU/ 708 1100	SEA
SA	1348	CLR	20			117	92	36	19	13	G26	001	FEW CU	SEA
SA	1445	CLR	20			113	91	37	23	17		000	FEW CU	SEA
SA	1552	CLR	20			102	91	37	16	16	G22	997	717 1100 93 RADAT 34149	008
SA	1645	CLR	20			100	90	38	18	12		996		008
SA	1748	CLR	20			098	88	34	20	16	G22	995		008
SA	1845	CLR	20			105	84	36	21	07		997	500	008
SA	1946	CLR	20			106	82	38	19	06		997		008
SA	2045	CLR	20			110	78	44	09	02		998		008
SA	2152	CLR	20			117	77	43	12	06		001	312 93	008
SA	2245	CLR	20			122	75	44	33	02		002		008
SA	2349	CLR	20			122	74	44	06	03		002		008

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

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

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

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 AUG 30

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.600	75.6	56.0	29	0															0	0	.000			00-01
01 50	26.600	74.4	56.0	31	0															0					01-02
02 47	26.610	73.2	56.1	34	0															0					02-03
03 45	26.610	71.1	55.2	36	0															0	1	.010			03-04
04 50	26.615	71.9	55.0	34	0															0					04-05
05 47	26.635	71.2	55.7	38	0															0					05-06
06 47	26.645	78.8	59.7	33	0	0	CU	60	0	AC	140	0								0	2	.035			06-07
07 49	26.650	83.4	59.0	23	0															0					07-08
08 50	26.660	85.6	60.4	22	0															0					08-09
09 50	26.650	87.7	61.2	21	0	0	CU	60	0	AC	90	0								0	0	.005			09-10
10 50	26.640	90.6	62.0	18	0															0					10-11
11 50	26.635	91.0	62.0	18	2															2					11-12
12 50	26.620	93.0	63.0	18	2	1	CU	80	1	AC	140	2								2	8	.030			12-13
13 49	26.610	93.2	62.9	18	3															3					13-14
14 46	26.600	92.4	62.5	18	5															4					14-15
15 47	26.580	92.1	62.4	18	4	2	CU	80	2	AC	150	4								4	8	.040			15-16
16 46	26.570	91.4	62.0	18	3															3					16-17
17 45	26.560	88.8	61.4	20	2															2					17-18
18 49	26.570	84.7	61.3	26	4	4	AC	150												4	5	.010			18-19
19 45	26.590	82.2	60.6	29	3															3					19-20
20 46	26.590	80.8	60.4	31	3															3					20-21
21 47	26.595	75.6	61.0	44	3	3	AC	150												3	1	.025			21-22
22 50	26.590	76.0	60.0	40	3															3					22-23
23 45	26.595	73.6	60.0	46	3															3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0342	X	0	0	X	78	71	X	X						X		
	0342	1	0	0	0	78	71		0								
	0945	2	0	0	0	89	70		0								
	1548	3	0	0	0	94	88		0								
	2143	4	0	0	0	92	76		0								
	MID.	X	0	0	0	77	73	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0947	1551	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.610	26.650	26.580	26.595
BAROGRAPH 64	26.610	26.660	26.590	26.600
BAR. CORR. 65	±0	-.010	-.010	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
94	70	0	0	0	23	5	1404					2	2		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0730P ±8 Sec./ 1950P ±8 Sec./ ± Sec.

SP-0/RS-0

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: 1983 AUG 30

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0048	CLR	20			117	76	41	22	02		001	000	008
SA	0150	CLR	20			118	74	42	09	03		001		008
SA	0247	CLR	20			122	73	43	18	06		002		008
SA	0345	CLR	20			123	71	43	13	03		002	103 71 RADAT 21142	SEA
SA	0450	CLR	20			125	72	42	12	05		003		SEA
SA	0547	CLR	20			134	71	44	06	04		005		SEA
SA	0647	CLR	20			136	79	47	04	03		006	FEW CU/AC SW/ 212 1130	SEA
SA	0749	CLR	20			137	83	41	00	00		007		SEA
SA	0850	CLR	20			142	86	43	23	07		008	* FEW CU/AC * WND 17V29	SEA
SA	0950	CLR	20			137	88	43	22	09	G16	007	FEW CU/AC/ 002 1130 70	SEA
SA	1050	CLR	20			133	91	42	23	10	G16	006	ACSL SE FEW CU	SEA
SA	1150	60 SCT 120 SCT	20			131	91	42	21	11	G16	005		SEA
SA	1250	80 SCT 140 SCT	20			124	93	43	17	07	G19	004	810 1130	SEA
SA	1349	80 SCT 140 SCT 180 SCT	20			120	93	43	20	12	G16	003	ACSL/ACCAS W-NW	SEA
SA	1446	80 SCT 140 SCT	20			118	92	42	18	11		002	ACSL NW	SEA
SA	1552	80 SCT 150 SCT	20			111	92	42	17	12	G19	998	814 1130 94 RADAT 83135	008
SA	1646	80 SCT 150 SCT	20			107	91	42	17	09	G14	997		008
SA	1745	150 SCT	20			105	89	43	20	07		996		008
SA	1849	150 SCT	20			107	85	46	13	02		997	503 1030	008
SA	1945	150 SCT	20			114	82	46	09	02		999		008
SA	2046	150 SCT	20			114	81	47	09	06		999		008
SA	2147	150 SCT	20			116	76	52	06	03		000	708 1030 94	008
SA	2250	150 SCT	20			113	76	50	07	05		999		008
SA	2345	150 SCT	20			116	74	52	09	06		000		008

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

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

☆ U.S. G.P.O. 1982-564-008/1123

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

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 AUG 31

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 51	26.600	77.3	59.2	35	3	3	AC	150												3	2	.005			00-01
01 46	26.590	74.7	59.5	42	3															3					01-02
02 47	26.600	73.9	58.9	42	3															3					02-03
03 51	26.610	70.8	58.8	49	0	0	AC	150												0	3	.010			03-04
04 49	26.620	68.4	59.0	59	0															0					04-05
05 49	26.630	67.3	59.7	65	0															0					05-06
06 49	26.635	75.3	61.3	47	0	0	CU	50												0	2	.025			06-07
07 48	26.640	81.1	61.7	34	0															0					07-08
08 46	26.640	84.5	62.5	29	0															0					08-09
09 48	26.640	87.6	63.0	25	0	0	CU	80												0	1	.005			09-10
10 48	26.620	89.8	64.1	25	0															0					10-11
11 48	26.600	92.7	65.6	23	1															1					11-12
12 49	26.600	92.5	65.0	22	1	1	CU	90												1	6	.040			12-13
13 47	26.580	94.0	65.3	21	1															1					13-14
14 45	26.570	93.8	65.4	22	3															1					14-15
15 50	26.550	93.6	64.0	19	2	0	CU	80	2	CI	250	2								1	7	.050			15-16
16 49	26.550	92.2	63.2	19	1															1					16-17
17 48	26.550	89.4	63.1	23	1															1					17-18
18 50	26.570	83.4	61.3	28	1	1	CI	250												1	3	.020			18-19
19 48	26.580	83.2	60.7	27	0															0					19-20
20 49	26.595	82.6	60.2	27	0															0					20-21
21 45	26.595	79.7	60.4	33	0															0	1	.025			21-22
22 49	26.600	74.8	60.9	46	0															0					22-23
23 50	26.610	76.6	59.6	37	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	77	69	X	X						X		
	0350	1	0	0	0	77	69		0								
	0945	2	0	0	0	89	67		0								
	1546	3	0	0	0	96	88		0								
	2140	4	0	0	0	94	79		0								
	MID.	X	0	0	0	81	74	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0947	1549	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.610	26.640	26.550	26.595
BAROGRAPH 64	26.600	26.640	26.570	26.600
BAR. CORR. 65	+.010	±0	-.020	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
96	67	0	0	0	24	S	1242					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: 0851 PST ⊕10 Sec./ 2340P ⊕9 Sec./ ± Sec.

1850/1851

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: 1983 AUG 31

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0051	150 SCT	20			115	77	47	24	05		001	202 1030	008
SA	0146	150 SCT	20			113	75	50	01	03		000		008
SA	0247	150 SCT	20			118	74	49	08	04		001		008
SA	0351	CLR	20			123	71	51	06	00		002	303 1030 69 RAOAT 66IVV	SEA
SA	0449	CLR	20			128	68	53	00	00		003		SEA
SA	0549	CLR	20		135	127	67	55	05	04		004	FEW CU W	SEA
SA	0649	CLR	20			132	75	53	07	03		005	FEW CU W/208 1100	SEA
SA	0748	CLR	20			133	81	50	32	04		005	WND LGT VRBL	SEA
SA	0846	CLR	20			132	85	49	21	04		005	FEW CU WND LGT VRBL	SEA
SA	0948	CLR	20			133	88	48	24	08		005	FEW CU/102 1100 67	SEA
SA	1048	CLR	20			125	90	49	23	11		003	FEW CU	SEA
SA	1148	90 SCT	20			116	93	50	23	13	G23	001		SEA
SA	1249	90 SCT	20			118	93	49	20	10	G20	001	614 1100	SEA
SA	1347	80 SCT 280 SCT	20			107	94	48	22	17	G23	999		SEA
SA	1445	80 SCT 280 - SCT	20			105	94	49	23	12		998		SEA
SA	1550	250 - SCT	20			098	94	45	20	14	G23	995	717 1101 96 RADAT 39151	008
SA	1649	250 SCT	20			099	92	44	19	13	G20	995		008
SA	1748	250 SCT	20			102	89	47	20	09		995		008
SA	~~1850~~ 1848	250 SCT	20			109	83	47	22	07		997	307 1002	008
SA	1948	CLR	20			111	83	46	10	06		998		008
SA	2049	CLR	20			115	83	45	11	03		000		008
SA	2145	CLR	20			115	80	48	06	04		000	108 96	008
SA	2249	CLR	20			117	75	53	07	02		001		008
SA	2350	CLR	20			120	77	49	09	04		002		008

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

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

☆ U.S. G.P.O. 1982-564-008/1123

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