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, NV

MONTH: October | YEAR: 1981

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 0400	WIND AVERAGE SPEED ~~(mph)~~ (knots)	~~FASTEST MILE~~ Peak Speed SPEED ~~(mph)~~ (knots)	DIRECTION	~~SUNSHINE TOTAL (Min.)~~ Ave. Stn. Pressure	~~PERCENT OF POSSIBLE~~	SKY COVER SUNRISE TO SUNSET (Tenths)	WEATHER OCCURRENCES	Relative Humidity @ 0400	1000	1600	2200
1	2	3	4	5	6a	6b	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	74	60	67			2	T			10.5	40	E	26.5	99	7	RW	45	63	43	55
2	73	52	63		2					5.7	15	SE	26.4	71	8		78	75	39	67
3	73	53	63		2					8.3	30	SW	26.4	05	10		70	54	48	55
4	73	52	63		2					8.0	30	SW	26.4	41	1		70	49	27	32
5	79	46	63		2					4.0	11	W	26.6	16	0		44	27	27	49
6	84	52	68			3				6.1	24	SW	26.6	06	6		67	40	27	42
7	82	60	71			6				16.4	42	S	26.3	60	6		39	24	30	43
8	72	53	63		2					7.8	19	NE	26.4	33	4		56	35	27	36
9	76	47	62		3					5.5	24	SW	26.5	09	0		50	30	26	36
10	74	56	65							17.4	42	S	26.3	78	5		44	29	30	44
11	65	45	55		10					16.1	42	S	26.3	13	4		60	46	30	57
12	59	38	49		16					7.0	24	W	26.4	05	4		77	39	32	50
13	59	38	49		16					7.3	24	SW	26.5	15	4		65	48	35	49
14	63	40	52		13					9.4	17	N	26.6	29	6		58	43	29	50
15	56	40	48		17		T			8.9	20	N	26.6	24	10	RW	52	48	54	72
16	66	34	50		15					4.0	17	SW	26.7	09	3		84	45	32	52
17	74	42	58		7					10.3	22	N	26.8	15	0		56	41	31	41
18	75	53	64		1					11.3	28	E	26.8	35	0		44	34	27	38
19	78	50	64		1					7.8	17	E	26.7	76	0		45	35	26	41
20	80	47	64		1					4.5	15	SW	26.7	16	0		43	26	18	34
21	80	44	62		3					4.5	17	SW	26.7	19	0		38	24	17	29
22	79	53	66			1				7.1	19	NE	26.8	08	0		30	26	17	24
23	78	47	63		2					4.6	14	SW	26.7	31	0		28	22	17	25
24	76	42	59		6					5.3	24	NW	26.5	11	10		33	14	12	25
25	73	49	61		4					8.4	22	NE	26.5	83	3		31	25	19	32
26	77	43	60		5					6.5	24	S	26.6	01	9		44	23	19	27
27	78	48	63		2					11.0	28	S	26.5	58	7		33	24	13	33
28	72	53	63		2		.05			17.7	40	S	26.4	39	6	RW	33	28	47	49
29	61	44	53		12		T			11.6	30	NW	26.4	91	3	RW	50	30	45	27
30	61	39	50		15					11.7	25	N	26.8	59	0		38	24	20	38
31	68	42	55		10					12.7	36	SE	27.0	26	0		33	19	15	32
SUM	2238	1462	—	—	171	12	.05	0	—	279.4	—	—	824.4	84	116	—	1538	1090	879	1284
AVG	72.2	47.2	—	—	—	—	—	—	—	9.0	FASTEST	DIRECTION	~~POSS SHINE~~	%	3.7	—	49.6	35.2	28.4	41.4
										MISC. →	42	S	26.5	96		—	—	—	—	—

TEMPERATURE DATA

AVERAGE MONTHLY 59.7
DEPARTURE FROM NORMAL —
HIGHEST 84 ON 6
LOWEST 34 ON 16

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

HEATING DEGREE DAYS (Base 65°)
TOTAL THIS MONTH 171
DEPARTURE FROM NORMAL —
SEASONAL TOTAL 171
DEPARTURE FROM NORMAL —

COOLING DEGREE DAYS (Base 65°)
TOTAL THIS MONTH 12
DEPARTURE FROM NORMAL —
SEASONAL TOTAL 2472
DEPARTURE FROM NORMAL —

PRECIPITATION DATA

TOTAL FOR THE MONTH .05 IN.
DEPARTURE FROM NORMAL — IN.
GREATEST ~~IN 24 HRS.~~ Daily .05 ON 28

SNOWFALL, ICE PELLETS
TOTAL FOR THE MONTH 0 IN.
GREATEST ~~IN 24 HRS.~~ Daily — ON —
GREATEST DEPTH ON GROUND — ON —

WEATHER

NUMBER OF DAYS –
CLEAR (Scale 0–3) 15
PARTLY CLOUDY (Scale 4–7) 11
CLOUDY (Scale 8–10) 5
WITH 0.01 INCH OR MORE PRECIP. 1
WITH 0.10 INCH OR MORE PRECIP. 0
WITH 0.50 INCH OR MORE PRECIP. 0
WITH 1.00 INCH OR MORE PRECIP. 0

SYMBOLS USED IN COLUMN 16

RW = RAINSHOWER

MAXIMUM PRECIPITATION

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

Station Pressure

HIGHEST ~~SEA LEVEL~~ 27.100 IN. ON 31
LOWEST ~~SEA LEVEL~~ 26.260 IN. ON 7

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 (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 OCT 1

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. °F (7)	DEW PT. °F (8)	WIND DIRECTION (10's of deg.) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0047	E250 OVC	20		136	131	68	46	24	04		004	212 1007	LEF
SA	0149	120 SCT E 250 OVC	20		136	131	67	46	04	04		004		LEF
SA	0247	120 SCT E250 OVC	20			124	68	46	11	11		001		LEF
SA	0349	120 SCT E250 OVC	20			125	69	47	12	11		001	710 1077 67	JC
/													RADAT 79118	/
SA	0450	E80 BKN 120 OVC	20			127	68	49	11	17	G24	001	CB OCNL LTGIC SW	JC
SA	0547	80 SCT E120 BKN 250 OVC	20			126	65	50	11	24	G35	000	CB SW RWU NE AND	JC
/													S-SW PK WND	/
/													1140/12	/
SA	0646	E80 BKN 120 OVC	20		RW-	136	62	52	05	06	G33	002	CB NE AND SW RB24	JC
/													30300 1971	/
SA	0745	E80 BKN 120 OVC	20		RW-	160	61	53	14	07		009	CB E AND W PRESRR	JC
SA	0846	80 SCT E120 BKN 250 BKN	20			156	65	53	17	07		008	CB RWU S AND W	JC
/													RE 14	/
SA	0949	80 SCT E120 BKN 250 OVC	20			155	66	53	04	07		008	CB RWU SE AND SW	JC
/													01700 1372 61	/
SA	1048	80 SCT E120 OVC	20			151	66	53	06	13		007	CB E-S AND W	JC
SA	1147	80 SCT E120 BKN	20			141	67	51	09	11		003	CB DSNT NE	JC
SA	1246	80 SCT 250 SCT	20			131	70	51	06	14		001	CB DSNT NE / 820	JC
/													1301	/
SA	1347	80 SCT 250 SCT	20			124	72	49	11	10		999		JC
SA	1445	80 SCT 250 SCT	20			119	73	50	09	10		998		JC
SA	1549	E80 BKN 250 BKN	20			119	72	48	09	14		998	RWU OMTNS S 610	LEF
/													1206 74 RADAT 81111	/
SA	1648	80 SCT 250 SCT	20			118	69	49	09	12		997		LEF
SA	1746	80 SCT 250 SCT	20			122	67	49	09	09		998		LEF
SA	1847	80 SCT 250 SCT	20			129	65	48	10	08		999	303 1405	LEF
SA	1946	80 SCT 250 SCT	20			125	66	49	09	16		998		LEF
SA	2049	80 SCT 250 SCT	20			122	66	49	09	17		997		LEF
SA	2146	80 SCT	20			122	65	49	09	14		997	605 1400 74	LEF
SA	2249	60 SCT	20			124	60	50	25	04		997		LEF
SA	2346	60 SCT	20			125	60	50	06	01		998		LEF

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{tt}$ $8N_sCh\ h_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆U.S.GPO:1980-0-665 115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 OCT 1

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	26.630	67.8	55.1	45	10	10	CS	E250												8	2	.035			00-01
01 49	26.630	67.4	55.1	46	10															10					01-02
02 47	26.600	68.4	55.2	44	10															10					02-03
03 49	26.600	68.5	55.7	45	10	4	Ac	120	10	Cs	E250	10								10	7	.030			03-04
04 50	26.600	68.4	56.6	49	10															10					04-05
05 47	26.590	64.2	55.9	59	10															9					05-06
06 46	26.610	62.0	56.0	70	10	7	CB	E80	3	Ac	120	10								10	3	.010			06-07
07 45	26.670	61.3	56.2	74	10															10					07-08
08 46	26.660	65.0	57.5	65	9															9					08-09
09 49	26.660	65.8	57.8	63	10	4	CB	80	4	Ac	E120	8	2	Ci	250	10				9	0	.050			09-10
10 48	26.650	66.4	58.0	62	10															10					10-11
11 47	26.620	66.8	57.0	56	9															8					11-12
12 46	26.600	69.8	58.5	52	3	3	CB	80	0	Ci	250	3								3	8	.060			12-13
13 47	26.580	72.3	58.1	43	4															3					13-14
14 45	26.570	73.0	59.2	45	4															3					14-15
15 49	26.570	72.3	58.0	43	7	6	Cu	E80	1	Ci	250	7								7	6	.030			15-16
16 48	26.565	69.3	56.9	48	3															3					16-17
17 46	26.575	67.4	56.4	52	3															3					17-18
18 47	26.580	65.3	55.3	54	3	3	Sc	80	0	Ci	250	3								3	3	.010			18-19
19 46	26.570	66.4	56.3	54	3															3					19-20
20 45	26.565	66.0	55.9	54	4															4					20-21
21 46	26.565	65.0	55.4	55	1	1	Sc	80												1	6	.015			21-22
22 49	26.565	60.3	54.0	67	1															1					22-23
23 46	26.570	60.0	54.0	69	1															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345		0	0		69	67										
	0345	1	0	0	0	71	67		0								
	0945	2	T	0	0	70	61		1								
	1544	3	0	0	0	74	66		0								
	2141	4	0	0	0	72	63		0								
	MID.		0	0	0	65	60										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1548	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.600	26.660	26.570	26.565
BAROGRAPH 64	26.600	26.660	26.570	26.560
BAR. CORR. 65	±0	±0	±0	+005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
74	60	T	0	0	40	E	0512					8	6		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0624	0814			

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: ON TIME 0749 P 2301 OK

MF1-10A
(10-78)

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

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 OCT 2

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME LST (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4)	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	0648	60 SCT	20			119	57	47	07	04		996	8603 1500	LEF
SA	0145	60 SCT	20			117	56	46	31	02		996		LEF
SA	0245	60 SCT	20			117	55	47	03	06		996		LEF
SA	0349	60 SCT	20			116	56	49	06	03		996	602 1500 55	JC
/													RADAT 73105	/
SA	0446	100 SCT	20			117	53	46	35	03		994		JC
SA	0547	90 SCT 250 -BKN	20			118	53	48	05	05		994		JC
SA	0646	90 SCT 250 -BKN	20			117	55	49	13	03		994	CB DSNT SW / 603	JC
/													1371	/
SA	0745	90 SCT 250 -OVC	20			116	57	50	34	03		994	CB DSNT SW	JC
SA	0851	60 SCT E100 BKN 250 OVC	20			109	64	51	24	04		993	RWU SE AND SW	JC
SA	0949	60 SCT E100 BKN 250 OVC	20			114	61	53	23	10		994	RWU NE-SE / 500	JC
/													1272 52	/
SA	1046	60 SCT E120 BKN 250 BKN	20			103	66	52	23	04		991	CB ALQDS RWU	JC
/													NE-SE	/
SA	1149	60 SCT 120 SCT E250 BKN	20			086	70	52	12	10		987	CB ALQDS RWU SE	JC
SA	1248	60 SCT 120 SCT E250 BKN	20			076	69	50	22	12		983	CB ALQDS RWU SE	JC
/													AND SW / 734 1972	/
SA	1344	60 SCT 120 SCT E250 BKN	20			070	69	49	21	11		981	CB ALQDS	JC
SA	1445	60 SCT 250 -BKN	20			060	72	47	22	10		979	CB ALQDS	JC
SA	1546	60 SCT E250 BKN	20			056	72	46	22	10		978	CB ALQDS 717 1906	LEF
/													73 RADAT 56111	/
SA	1649	60 SCT 250 SCT	20			054	70	48	24	11		976		LEF
SA	1747	CLR	20			057	66	48	24	04		977		LEF
SA	1845	CLR	20			061	64	48	24	01		978	500 1400	LEF
SA	1946	CLR	20			062	62	48	26	01		978		LEF
SA	2047	CLR	20			063	60	46	02	04		979		LEF
SA	2147	CLR	20			068	57	46	36	04		980	305 73	LEF
SA	2245	CLR	20			063	57	46	02	06		979		LEF
SA	2346	CLR	20			060	58	48	03	05		979		LEF

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh$ h_s $9S_pS_pspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆U.S.GPO:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 OCT 2

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.555	57.1	51.6	70	2	2	Sc	60												2	8	0.10			00-01
01 45	26.550	55.7	50.3	70	2															2					01-02
02 45	26.550	55.0	50.6	75	3															3					02-03
03 49	26.550	56.2	52.3	78	2	2	Sc	60												2	6	.005			03-04
04 46	26.540	52.8	49.2	78	2															2					04-05
05 47	26.540	53.0	50.3	83	8															3					05-06
06 46	26.540	55.4	51.9	80	9	0	Cb	60	3	Ac	90	3	9	Ci	250	9				3	6	.010			06-07
07 45	26.540	57.0	52.8	77	10															4					07-08
08 51	26.530	64.0	56.3	63	10															9					08-09
09 49	26.540	61.2	56.4	75	10	4	Cu	60	3	Ac	E100	7	3	Ci	250	10				9	5	.000			09-10
10 46	26.510	65.5	57.4	62	9															7					10-11
11 49	26.470	70.0	58.7	52	8															5					11-12
12 48	26.440	69.9	57.6	51	9	3	CB	60	1	Ac	120	4	5	Ci	250	9				7	7	.100			12-13
13 44	26.420	68.6	57.0	50	8															6					13-14
14 45	26.400	71.8	57.0	41	7															2					14-15
15 46	26.390	72.3	56.8	39	7	4	CB	60	3	Ci	250	7								5	7	.050			15-16
16 49	26.375	70.0	56.8	45	2															2					16-17
17 47	26.380	65.5	55.3	53	0															0					17-18
18 45	26.390	63.8	54.6	56	0	0	Sc	60												0	5	.000			18-19
19 46	26.390	62.3	53.8	59	0															0					19-20
20 47	26.400	59.8	52.0	60	0															0					20-21
21 47	26.405	56.8	50.7	67	0															0	3	.015			21-22
22 45	26.400	57.0	51.0	67	0															0					22-23
23 46	26.400	58.0	52.0	68	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345		0	0		60	55		0								
	0345	1	0	0	0	65	55		0								
	0945	2	0	0	0	65	52		0								
	1541	3	0	0	0	73	61		0								
	2142	4	0	0	0	72	57		0								
	MID.		0	0	0	58	56										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1545	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.550	26.540	26.390	26.405
BAROGRAPH 64	26.535	26.525	26.375	26.390
BAR. CORR. 65	+.015	+.015	+.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
73	52	0	0	0	15	SE	1120					8	4		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK: ON TIME 0828P 2310 OK

MF1-10A
(10-78)

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

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 OCT 3

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4)	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			064	57	46	10	04		980	500	LEF
SA	0147	CLR	20			064	54	45	08	03		979		LEF
SA	0245	50 SCT	20			065	55	46	04	06		980		LEF
SA	0349	E50 BKN	20			064	55	46	04	05		980	302 1500 54	JC
/													RADAT 95112	/
SA	0446	E50 OVC	20			068	56	46	08	03		981	BINOVC SE	JC
SA	0548	E70 BKN	20			071	55	46	04	03		981		JC
SA	0647	E90 BKN	20			078	58	47	03	02		983	310 1070	JC
SA	0749	90 SCT 250-BKN	20			078	59	49	20	03		983		JC
SA	0850	E100 BKN 250 OVC	20			077	63	48	19	04		983		JC
SA	0949	70 SCT E120 BKN 250 OVC	20			078	66	49	24	12		983	400 1171 53	JC
SA	1048	70 SCT E120 BKN 250 OVC	20			073	69	49	24	10		982		JC
SA	1147	70 SCT E120 BKN 250 OVC	20			064	69	50	23	17	G24	980		JC
SA	1249	70 SCT 120 SCT 250-OVC	20			056	72	50	21	20	G30	978	817 1171	JC
SA	1345	70 SCT 120 SCT 250-BKN	20			051	70	48	22	16	G25	976		JC
SA	1447	70 SCT 120 SCT 250-BKN	20			050	71	50	22	14	G25	976		JC
SA	1546	70 SCT E120 BKN 250 OVC	20			051	69	49	22	14	G24	976	607 1177 73 RADAT 20123	LEF
SA	1647	70 SCT E120 BKN 250 OVC	20			049	68	47	18	15		975		LEF
SA	1747	70 SCT 120 SCT E250 OVC	20			053	66	47	21	08		976		LEF
SA	1848	70 SCT 120 SCT E250 OVC	20			054	65	49	20	10		976	302 1477	LEF
SA	1947	120 SCT E250 OVC	20			060	64	47	24	08		978		LEF
SA	2045	120 SCT 250-BKN	20			059	63	45	24	09		979		LEF
SA	2146	120 SCT 250-BKN	20			060	62	46	20	08		979	208 1078 73	LEF
SA	2248	120 SCT 250-BKN	20			057	59	44	07	01		978		LEF
SA	2348	120 SCT 250-SCT	20			058	57	42	02	05		979		LEF

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh$ h_s $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S.GPO:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 OCT 3

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

SURFACE WEATHER OBSERVATIONS

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.405	57.0	51.0	67	0															0	5	.000			00-01
01 47	26.400	54.0	49.2	72	0															0					01-02
02 45	26.410	55.0	50.0	72	3															3					02-03
03 49	26.410	55.0	49.5	70	7	7	Sc	E50												7	3	.005			03-04
04 46	26.420	56.0	50.2	65	10															9					04-05
05 48	26.420	55.4	50.2	70	9															6					05-06
06 47	26.440	58.2	51.8	66	9	9	Ac	E70												7	3	.030			06-07
07 49	26.440	59.4	53.2	67	9															3					07-08
08 50	26.440	62.9	54.0	57	10															7					08-09
09 49	26.440	66.2	56.0	54	10	1	Cu	70	6	Ac	E120	7	3	Ci	250	10				8	4	.000			09-10
10 48	26.430	69.4	57.4	49	10															7					10-11
11 47	26.410	69.2	57.5	50	10															8					11-12
12 49	26.390	72.4	58.8	45	10	2	Cu	70	1	Ac	120	3	7	Ci	250	10				3	8	.050			12-13
13 49	26.370	69.9	57.5	48	8															2					13-14
14 47	26.370	70.7	58.2	48	9															3					14-15
15 46	26.370	69.0	56.8	48	10	3	Cu	70	4	Ac	E120	7	3	Cs	250	10				7	6	02.0			15-16
16 47	26.365	67.5	55.4	47	10															8					16-17
17 47	26.370	65.9	54.9	50	10															9					17-18
18 48	26.375	65.1	55.4	55	10	2	Sc	70	2	Ac	120	4	6	Cs	E250	10				8	3	.005			18-19
19 47	26.390	63.8	54.0	54	10															6					19-20
20 45	26.395	63.1	53.0	52	9															4					20-21
21 46	26.400	62.4	53.0	55	8	2	Ac	120	6	Cs	250	8								4	2	.025			21-22
22 48	26.390	59.0	50.9	58	6															2					22-23
23 48	26.395	56.7	49.0	59	4															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345		0	0		58	54										
	0345	1	0	0	0	58	54		0								
	0945	2	0	0	0	67	53		0								
	1541	3	0	0	0	73	66		0								
	2141	4	0	0	0	69	62		0								
	MID.		0	0	0	62	57										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1545	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.410	26.440	26.370	26.400
BAROGRAPH 64	26.390	26.440	26.370	26.380
BAR. CORR. 65	+.020	±0	±0	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND: SPEED (Kts.) 71	PEAK WIND: DIRECTION 72	PEAK WIND: TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.): TOP 75	FROZEN GROUND LAYER (Ins.): BASE 76	RIVER GAGE 77	SKY COVER: SUNRISE TO SUNSET 78	SKY COVER: MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
73	53	0	0	0	30	SW	1243					10	8		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK: ON TIME 0950 P 2310 OK

MF1-10A
(10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NV

DATE: 1981 OCT 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)	OBSERVER'S INITIALS (14)
SA	0050	120 SCT 250-SCT	20			063	55	45	34	01		980	302 1076	LEF
SA	0150	120 SCT 250-SCT	20			062	56	45	01	05		979		LEF
SA	0245	120 SCT 250 SCT	20			058	55	44	02	06		978		LEF
SA	0345	70 SCT 250 SCT	20			065	56	46	34	07		980	302 1506 55	—
													RADAT 74L 109120	008
SA	0450	70 SCT 250 SCT	20			071	54	46	34	08		981		008
SA	0550	70 SCT 250 SCT	20			077	53	47	28	04		982		008
SA	0645	250 SCT	20			079	56	48	27	04		983	210 1005	008
SA	0747	250 SCT	20			082	59	48	24	10		984		008
SA	0848	250 SCT	20			080	62	47	23	16 G23		984	FEW CU	008
SA	0947	250 SCT	20			083	65	45	22	16 G21		985	207 1105 52	008
SA	1049	CLR	20			080	67	42	24	15 G24		984	FEW CU	008
SA	1150	CLR	20			072	70	40	23	18 G27		982	FEW CU	008
SA	1246	CLR	20			069	71	37	23	17 G24		981	714 1100	008
SA	1349	CLR	20			064	71	36	20	11 G17		980	FEW CU	008
SA	1446	250 SCT	20			068	72	36	22	12 G19		981	FEW CU	008
SA	1551	CLR	20			068	71	36	25	10 G19		981	500 1101 73 RADAT 20115	US
SA	1647	250-SCT	20			073	68	33	23	11		982	CU DSIPTD	US
SA	1750	250-BKN	20			079	64	33	22	06		983		US
SA	1848	250-SCT	20			085	63	33	23	04		984	310 1001	US
SA	1945	250-SCT	20			087	62	33	36	04		985		US
SA	2048	250-SCT	20			087	62	33	27	03		986		US
SA	2150	CLR	20			092	59	29	00	00		987	208 1001 73	US
SA	2250	CLR	20			099	53	27	06	04		988	FEW CI SE	US
SA	2349	CLR	20			104	52	27	00	00		991	CI SE	US

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh$ h_s $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆U.S.GPO:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 OCT 4

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	26.405	55.3	49.4	67	2	1	AC	120	1	Ci	250	2								1	3	.005			00-01
01 50	26.400	55.8	49.8	67	2															1					01-02
02 45	26.390	55.0	49.0	66	3															2					02-03
03 45	26.410	55.5	50.1	70	4	2	SC	70	2	Ci	250	4								3	3	.005			03-04
04 50	26.420	54.1	49.8	75	4															3					04-05
05 50	26.430	53.0	49.4	75	3															2					05-06
06 45	26.440	55.8	51.1	73	2	2	Ci	250												2	2	.030			06-07
07 47	26.450	59.1	52.7	67	2															2					07-08
08 48	26.450	62.1	53.6	58	2															2					08-09
09 47	26.460	64.8	53.7	49	1	0	CU	80	1	Ci	250	1								1	2	.020			09-10
10 49	26.450	67.4	53.2	39	0															0					10-11
11 50	26.430	69.8	53.6	34	0															0					11-12
12 46	26.420	70.6	52.7	29	0	0	CU	80												0	7	.040			12-13
13 49	26.410	70.8	52.4	28	0															0					13-14
14 46	26.420	72.2	53.0	27	1															1					14-15
15 51	26.420	71.1	52.5	27	0	0	CU	80	0	Ci	250	0								0	5	.000			15-16
16 49	26.425	67.8	50.2	27	3															0					16-17
17 50	26.435	64.0	48.6	31	6															1					17-18
18 48	26.450	62.6	49.0	33	4	4	Ci	250												1	3	.030			18-19
19 45	26.460	61.5	47.3	33	3															1					19-20
20 48	26.465	62.0	47.7	34	2															1					20-21
21 50	26.475	58.8	44.8	32	0	0	Ci	250												0	2	.025			21-22
22 50	26.490	52.6	41.3	37	0															0					22-23
23 49	26.505	52.2	41.0	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0340	X	0	0	X	57	55	X	X						X		
	0340	1	0	0	0	62	55		0								
	0942	2	0	0	0	67	52		0								
	1542	3	0	0	0	73	65		0								
	2141	4	0	0	0	71	57		0								
	MID.	X	0	0	0	59	52	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0340	0942	1550	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.410	26.460	26.420	26.475
BAROGRAPH 64	26.385	26.445	26.405	26.460
BAR. CORR. 65	+.025	+.015	+.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
73	52	0	0	0	30	50	1154					1	2		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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: 0517 P - ON TIME
1905 P - ON TIME

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: DESERT ROCK, NV

DATE: 1981 OCT 5

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (Hundreds Feet Tenths) (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=N) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Hgs.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0050	CLR	20			110	50	24	00	00		992	215	LS
SA	0147	CLR	20			114	48	23	11	03		993		LS
SA	0247	CLR	20			115	49	26	30	02		994		LS
SA	0346	CLR	20			126	47	26	27	01		996	214 47 RADAT 20112	OB
SA	0450	CLR	20			135	46	26	04	04		998		OB
SA	0550	CLR	20			139	46	26	02	05		999		OB
SA	0648	CLR	20			142	55	31	13	01		001	214	OB
SA	0747	CLR	20			144	60	33	03	10		002		OB
SA	0846	CLR	20			145	66	34	03	09		003		OB
SA	0945	CLR	20			147	70	35	02	05		004	210 46	OB
SA	1047	CLR	20			153	73	37	10	06		005	FEW CU ABV HRZN	OB
SA	1146	250-SCT	20			148	75	39	13	01		004		OB
SA	1250	250-SCT	20			141	77	40	12	08		002	807 1101	OB
SA	1345	250-SCT	20			138	77	41	31	05		001		OB
SA	1448	CLR	20			140	78	41	25	06		002		OB
SA	1545	CLR.	20			143	77	41	14	01		002	500 79 RADAT 32143	OB
SA	1647	CLR	20			143	75	43	30	06		002		LS
SA	1749	CLR	20			154	~~70~~ 70	42	23	03		004		LS
SA	1848	CLR	20			156	65	41	05	04		005	310 1400	LS
SA	1947	CLR	20			159	63	39	06	03		006		LS
SA	2049	CLR	20			160	60	41	03	07		007		LS
SA	2152	CLR	20			161	60	41	09	02		008	208 79	LS
SA	2248	CLR	20			161	57	39	08	03		008		LS
SA	2350	CLR	20			162	55	39	00	06		008		LS

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh\ h_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆U.S.GPO:1980-0-665-115/1108

MFI-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION WMO, DESERT ROCK NV

DATE 1981 OCT 5

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	26.520	49.8	39.0	36	0															0	2	045			00-01
01 47	26.530	48.0	37.7	37	0															0					01-02
02 47	26.535	48.9	38.9	40	0															0					02-03
03 46	26.560	46.9	38.0	44	0															0	2	.040			03-04
04 50	26.575	46.1	37.6	45	0															0					04-05
05 50	26.580	45.9	37.6	46	0															0					05-06
06 48	26.600	54.9	43.8	41	0															0	2	.040			06-07
07 47	26.610	60.4	46.8	35	0															0					07-08
08 46	26.620	66.3	50.0	31	0															0					08-09
09 45	26.630	70.0	51.6	27	0															0	2	.030			09-10
10 47	26.640	73.4	53.7	26	0															0					10-11
11 46	26.630	74.5	55.1	28	2															0					11-12
12 50	26.610	76.6	56.1	27	2	0	cu	80	2	ci	250	2								0	8	.020			12-13
13 45	26.600	77.3	56.6	27	1															0					13-14
14 48	26.610	77.8	56.8	26	0															0					14-15
15 45	26.610	76.8	56.4	27	0															0	5	.000			15-16
16 47	26.610	75.2	56.7	32	0															0					16-17
17 49	26.625	69.7	54.4	37	0															0					17-18
18 48	26.640	64.8	51.6	42	0	0	Sc	90												0	3	030			18-19
19 47	26.645	62.6	50.0	41	0															0					19-20
20 49	26.660	60.0	49.8	49	0															0					20-21
21 52	26.665	60.1	49.7	49	0															0	2	025			21-22
22 48	26.670	59.1	47.6	50	0															0					22-23
23 50	26.670	55.2	46.7	54	0															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0340	X	0	0	X	52	47	X	X						X		
	0340	1	0	0	0	59	47		0								
	0940	2	0	0	0	72	46		0								
	1540	3	0	0	0	79	69		0								
	2142	4	0	0	0	77	59		0								
	MID.	X	0	0	0	60	55	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0944	1544	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.560	26.630	26.660	26.665
BAROGRAPH 64	26.545	26.625	26.655	26.660
BAR. CORR. 65	+.015	+.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
79	46	0	0	0	11	W	1611					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: 0725P - ON TIME
1858P - ON TIME

1000P - CHANGED BAROGRAM

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WBAN DESERT ROCK, NV

DATE: 1981 OCT 6

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds 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-36's) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0051	CLR	20			161	55	39	36	02		008	102	LS
SA	0148	CLR	20			161	55	39	03	02		008		LS
SA	0248	CLR	20			161	55	40	31	02		008		LS
SA	0350	CLR	20			163	53	42	34	02		008	400 52 RADAT 32146	008
SA	0450	CLR	20			163	53	39	01	02		008		008
SA	0550	CLR	20			166	53	39	36	05		008		008
SA	0648	250 - SCT	20			170	53	42	06	02		009	303 1001	008
SA	0744	250 - BKN	20			166	67	45	04	01		009		008
SA	0844	250 - BKN	20			164	71	46	13	04		009		008
SA	0948	250 - BKN	20			164	74	48	14	06		009	500 1001 52	008
SA	1047	250 - OVC	20			160	77	48	24	07		008		008
SA	1146	250 - BKN	20			151	77	47	22	06		005		008
SA	1250	250 - OVC	20			137	80	48	27	07 G 15		002	824 1001	008
SA	1345	250 - BKN	20			125	81	44	23	12 G 21		998		008
SA	1444	250 SCT	20			117	81	45	22	15 G 21		996		008
SA	1548	280 - SCT	20			115	80	44	22	16 G 21		995	720 1001 8F RADAT 30145	LS
SA	1646	280 - SCT	20			112	78	46	19	15		994		LS
SA	1750	280 - SCT	20			117	73	41	23	10		995		LS
SA	1849	CLR	20			117	69	40	18	03		995	500 1001	LS
SA	1948	300 - SCT	20			113	70	40	16	10		995		LS
SA	2051	300 - SCT	20			106	69	41	09	06		994		LS
SA	2152	E 220 BKN	20			102	67	44	13	04		993	808 1006 8F	LS
SA	2246	E 220 BKN	20			091	68	43	21	07		991		LS
SA	2348	E 220 BKN	20			090	66	41	12	03		990		LS

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh\ h_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S.GPO:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION WSMO, DESERT ROCK, NV

DATE 1981 OCT 6

To convert LST to GMT ADD 7 hrs. SUBTRACT ____ hrs.

SURFACE WEATHER OBSERVATIONS

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 51	26.670	54.8	46.5	54	0															0	1	.005			00-01
01 48	26.670	55.0	46.8	55	0															0					01-02
02 48	26.670	55.3	47.4	57	0															0					02-03
03 50	26.670	52.6	47.1	67	0															0	4	.000			03-04
04 50	26.670	53.1	46.1	60	0															0					04-05
05 50	26.670	53.4	46.0	58	0															0					05-06
06 48	26.680	57.9	49.3	55	4	4	ci	250												1	3	.010			06-07
07 44	26.680	66.7	54.2	45	7															1					07-08
08 44	26.675	70.8	56.4	41	7															2					08-09
09 48	26.680	73.5	58.2	40	8	8	ci	250												2	5	.000			09-10
10 47	26.670	76.8	59.2	36	10															2					10-11
11 46	26.640	76.8	58.9	35	7															2					11-12
12 50	26.610	79.8	60.3	32	10	10	ci	250												4	8	.070			12-13
13 45	26.580	81.1	59.1	27	8															3					13-14
14 44	26.560	81.3	59.6	28	3															2					14-15
15 48	26.550	80.0	58.7	27	2	2	ci	280												1	7	.060			15-16
16 46	26.540	78.0	59.0	32	2															1					16-17
17 50	26.550	73.1	55.0	31	1															0					17-18
18 49	26.550	68.3	53.2	34	0	0	ci	280												0	5	.000			18-19
19 48	26.550	70.0	53.6	34	2															0					19-20
20 51	26.535	69.2	53.7	36	1															0					20-21
21 52	26.525	67.3	54.0	42	7	7	ci	E220												4	8	.025			21-22
22 46	26.505	68.0	53.8	40	7															4					22-23
23 48	26.500	66.0	52.2	40	7															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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0342		0	0		55	52										
	0342	1	0	0	0	60	52		0								
	0942	2	0	0	0	75	52		0								
	1541	3	0	0	0	84	74		0								
	2141	4	0	0	0	80	66		0								
	MID.		0	0	0	68	65										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0947	1547	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.670	26.680	26.550	26.525
BAROGRAPH 64	26.680	26.685	26.540	26.515
BAR. CORR. 65	-.010	-.005	+.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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	52	0	0	0	24	SW	1432					6	4		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK: 0952 P - ON TIME
2105P - ON TIME

MF1-10B

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: [illegible] DESERT ROCK, NV

DATE: 1981 OCT 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 (4)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP °F (7)	DEW PT. °F (8)	WIND: DIRECTION 00=N (9)	WIND: SPEED (Kts.) (10)	WIND: CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (14)
SA	0050	220 SCT	20			086	65	40	21	06		988	712 1001	US
SA	0146	220 SCT	20			078	69	44	18	12		987		US
SA	0248	220 SCT	20			091	70	44	20	14		985		US
SA	0350	250 SCT	20			076	70	44	23	10		986	507 1002 65 RADAT 22137	OB
SA	0447	250 - BKN	20			079	66	43	16	07		988		OB
SA	0548	70 SCT 150 SCT E250 BKN	20			078	66	43	19	14G20		985		OB
SA	0646	250 SCT	20			071	70	39	18	09G17		983	810 1006	OB
SA	0745	250 SCT	20			064	73	36	18	17G26		982		OB
SA	0845	250 SCT	20			056	74	37	20	23G35		980	PK WND 1939/19	OB
SA	0949	E250 BKN	20			050	77	37	20	20G28		980	~~PK WND 1935/24~~ / 610 1006 65	OB
SA	1050	E200 BKN	20			044	78	37	20	21G33		976		OB
SA	1150	E200 BKN	20			025	79	39	19	26G37		971	PK WND 1942/22.	OB
SA	1247	150 SCT E200 BKN	20			017	80	41	21	23G34		969	PK WND 2040/15/ 234 1076	OB
SA	1348	150 SCT 200-BKN	20			010	78	43	19	27G38		967	PK WND 1938/38	OB
SA	1447	200 SCT	20			996	79	40	20	26G37		963	PK WND 1940/24	OB
SA	1550	160 SCT 230 - BKN	20			998	76	43	20	19G31		963	617 1044 82	
													RADAT 44121	WRC
SA	1650	90 SCT E160 BKN 230 BKN	20			101	74	40	22	20G31		963		WRC
SA	1750	90 SCT E160 BKN	20			103	71	40	22	20G32		963		WRC
SA	1850	90 SCT 160 SCT	20			005	69	40	23	15G28		964	303 1470	WRC
SA	1950	90 SCT 160 SCT	20			009	66	41	23	14G24		965		WRC
SA	2050	90 SCT	20			013	65	41	19	14G24		967		WRC
SA	2150	CLR	20			017	64	41	22	12G22		965	210 82	WRC
SA	2250	CLR	20			027	63	42	24	11		971		WRC
SA	2350	CLR	20			032	60	41	34	05		972		WRC

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: Iliii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dopp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh\ h_s$ $9S_pS_psp_sp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S. GPO: 1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WRAM DESERT ROCK, NV

DATE: 1981 OCT 7

To convert LST to GMT ADD 7 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	26.490	65.2	51.7	40	5	5	Ci	220												3	7	.035			00-01
01 46	26.475	69.0	54.7	46	3															2					01-02
02 48	26.460	70.2	55.4	39	3															2					02-03
03 50	26.470	70.4	55.4	39	4	4	Ci	250												4	5	.020			03-04
04 47	26.470	66.2	53.1	42	7															3					04-05
05 48	26.460	66.4	53.2	42	8															5					05-06
06 46	26.440	69.8	53.1	32	4	4	Ci	250												3	8	.030			06-07
07 45	26.430	72.7	53.1	26	4															3					07-08
08 45	26.410	73.7	54.0	27	4															3					08-09
09 43	26.410	76.6	55.0	24	7	7	Ci	6210												5	6	.030			09-10
10 50	26.330	73.2	55.7	23	7															5					10-11
11 50	26.330	79.0	56.8	24	8															6					11-12
12 47	26.310	80.4	57.9	25	8	3	Ac	150	5	Ci	6200	8								7	7	.150			12-13
13 46	26.290	78.2	57.8	29	7															3					13-14
14 47	26.260	79.0	57.2	25	3															3					14-15
15 50	26.260	76.2	57.0	30	7	3	Ac	160	4	Ci	230	7								3	6	.050			15-16
16 50	26.260	74.0	55.1	29	6															6					16-17
17 50	26.260	71.3	54.2	33	8															4					17-18
18 50	26.270	65.5	53.0	35	5	2	Sc	90	3	Ac	160	5								5	3	.010			18-19
19 50	26.280	65.9	52.1	39	3															3					19-20
20 50	26.290	65.2	52.2	42	1															1					20-21
21 50	26.300	63.7	51.3	43	0															0	2	.030			21-22
22 50	26.330	62.7	51.2	46	0															0					22-23
23 50	26.340	60.0	50.0	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	71	65	X	X						X		
	0345	1	0	0	0	71	65		0								
	0742	2	0	0	0	79	66		0								
	1546	3	0	0	0	82	76		0								
	2146	4	0	0	0	76	64		0								
	MID.	X	0	0	0	69	60	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0948	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.470	26.480	26.460	26.300
BAROGRAPH 64	26.460	26.470	26.450	26.285
BAR. CORR. 65	+.010	+.010	+.010	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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	60	0	0	0	42	S	1122					6	5		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK: 0612P - on TIME!
1222P - on Time

MF1-10B

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 OCT 3

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

TYPE (1)	TIME LST (2)	SKY AND CEILING Hundreds of Feet (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. °F (7)	DEW PT. °F (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0050	CLR	20			039	58	39	04	09		974	220	WPC
SA	0150	160 SCT	20			041	57	41	06	12G19		974		WPC
SA	0250	160 SCT	20			041	56	41	06	10		974		WPC
SA	0349	160 SCT	20			055	55	40	05	07		978	310 1030 35 RADAT 80096	EP
SA	0452	CLR	20			064	54	39	10	05		980		EP
SA	0547	CLR	20			071	54	39	07	04		982		EP
SA	0650	150SCT 250SCT	20			077	56	38	03	11		983	117 1031	EP
SA	0749	150SCT 250SCT	20			085	58	34	07	10		986		EP
SA	0849	250-SCT	20			086	61	39	01	09		986		EP
SA	0950	250-SCT	20			083	64	35	04	11		986	007 1001 54	EP
SA	1049	250-SCT	20			078	66	35	02	10		984		EP
SA	1149	250-SCT	20			074	68	37	25	04		983		EP
SA	1247	250-BKN	20			064	70	37	25	07		980	817 1001	EP
SA	1346	250-BKN	20			056	71	37	21	07		978		EP
SA	1450	250-BKN	20			056	71	34	23	15		978		EP
SA	1550	250-BKN	20			061	70	35	23	11		979	503 1001 72 RADAT 40126	WPC
SA	1650	250-SCT	20			068	68	33	22	12		980		WPC
SA	1750	CLR	20			074	64	32	23	07		981	Few CI SE	WPC
SA	1850	CLR	20			080	62	31	29	05		983	314	WPC
SA	1950	CLR	20			089	54	30	02	06		985		WPC
SA	2050	CLR	20			093	56	30	04	06		986		WPC
SA	2150	230-SCT	20			096	55	29	00	00		987	214 1001 72	WPC
SA	2250	230-SCT	20			096	54	29	11	04		987		WPC
SA	2350	230-SCT	20			095	54	30	04	03		987		WPC

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh\ h_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S.GPO:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 OCT 8

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

SURFACE WEATHER OBSERVATIONS

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.360	58.0	48.2	49	0															0	2	.060			00-01
01 50	26.360	57.1	48.5	55	1															1					01-02
02 50	26.360	56.1	48.0	56	1															1					02-03
03 49	26.390	54.7	46.8	56	1	1	Ac	160												1	3	.030			03-04
04 52	26.410	54.0	46.4	57	0															0					04-05
05 47	26.425	53.9	46.0	56	0															0					05-06
06 50	26.440	55.8	46.8	52	1	1	Ac	150	0	Ci	250	1								1	1	.050			06-07
07 49	26.460	58.0	48.0	49	2															2					07-08
08 49	26.465	61.2	49.3	43	3															1					08-09
09 50	26.460	63.7	49.2	35	2	2	Ci	250												1	0	.020			09-10
10 49	26.450	65.9	50.0	32	2															1					10-11
11 49	26.435	67.8	51.5	32	3															1					11-12
12 47	26.410	70.2	52.6	30	7	7	Ci	250												2	8	.050			12-13
13 46	26.390	70.7	52.8	29	9															3					13-14
14 50	26.390	70.8	51.8	26	8															3					14-15
15 50	26.400	70.4	51.6	27	6	6	Ci	250												2	5	.010			15-16
16 50	26.410	68.3	50.5	27	2															1					16-17
17 50	26.420	64.1	48.3	30	0															0					17-18
18 50	26.440	61.8	46.9	31	0															0	3	.040			18-19
19 50	26.460	58.0	44.9	34	0															0					19-20
20 50	26.470	55.7	43.9	38	0															0					20-21
21 50	26.480	55.4	43.3	36	1	1	Ci	230												0	2	.040			21-22
22 50	26.480	53.7	42.4	38	1															0					22-23
23 50	26.480	53.6	42.8	40	2															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345		0	0		60	55										
	0345	1	0	0	0	64	55		0								
	0946	2	0	0	0	64	54		0								
	1546	3	0	0	0	72	64		0								
	2146	4	0	0	0	71	55		0								
	MID.		0	0	0	55	53										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0947	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.390	26.460	26.460	26.450
BAROGRAPH 64	26.370	26.450	26.390	26.475
BAR. CORR. 65	+.020	+.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
72	53	0	0	0	19	NE	0141					4	2		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK: 0520 ON TIME

2305 ON TIME

MF1-10B

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 OCT 9

TO CONVERT LST TO GMT: ADD 9 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY SURFACE (4)	VISIBILITY TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (6)	TEMP. °F (7)	DEW PT. °F (8)	WIND DIRECTION (9)	WIND SPEED (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0050	230 -SCT	20			099	52	38	06	07		988	303 1001	WRC
SA	0150	230 -SCT	20			101	45	30	36	04		989		WRC
SA	0250	230 -SCT	20			104	47	29	06	03		990		WRC
SA	0350	CLR	20			107	47	29	11	05		991	307 47 RAB4T 38117	EP
SA	0446	CLR	20			114	47	29	11	05		992		EP
SA	0548	CLR	20			119	47	25	00	00		993		EP
SA	0650	CLR	20			125	51	29	00	00		996	314	EP
SA	0749	CLR	20			131	57	30	00	00		997		EP
SA	0848	CLR	20			126	63	33	21	04		997		EP
SA	0950	CLR	20			121	69	36	28	05		996	008 47	EP
SA	1048	CLR	20			119	70	37	00	00		996		EP
SA	1149	CLR	20			110	74	37	20	03		993		EP
SA	1249	CLR	20			105	73	37	21	08		992	814	EP
SA	1348	CLR	20			098	74	38	24	12		989		EP
SA	1450	CLR	20			094	76	38	22	13		988		EP
SA	1550	CLR	20			094	75	38	24	096	19	988	612 76 RAB4T 32134	WRC
SA	1650	CLR	20			096	73	37	21	106	19	987		WRC
SA	1750	CLR	20			097	69	36	21	10		988		WRC
SA	1850	CLR	20			095	68	38	21	10		988	500	WRC
SA	1950	CLR	20			103	62	34	11	03		990	Few Cirs	WRC
SA	2050	250 -SCT	20			101	61	34	05	07		990		WRC
SA	2150	250 - SCT	20			095	62	34	04	04		989	003 1004 76	WRC
SA	2250	CLR	20			089	61	35	11	06		988	Few Cirs	WRC
SA	2350	250 SCT	20			087	61	36	13	05		988		WRC

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dopp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh\ h_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S. GPO:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 OCT 9

To convert LST to GMT ADD 6 hrs. SUBTRACT _____ hrs.

SURFACE WEATHER OBSERVATIONS

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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	26490	51.5	41.0	40	3	3	CI	230												1	3	.010			00-01
01 50	26495	48.0	40.0	50	3															1					01-02
02 50	26500	46.9	39.0	50	1															0					02-03
03 50	26.510	46.8	39.0	50	0															0	3	.020			03-04
04 46	26.520	47.0	39.0	49	0															0					04-05
05 48	26.530	46.9	38.5	48	0															0					05-06
06 50	26.550	51.4	41.3	42	0															0	3	.040			06-07
07 49	26.565	57.2	44.6	36	0															0					07-08
08 48	26.560	63.4	48.3	32	0															0					08-09
09 50	26.555	68.7	51.5	30	0															0	0	.005			09-10
10 48	26.550	70.3	52.5	29	0															0					10-11
11 49	26.530	73.5	53.3	26	0															0					11-12
12 49	26.515	73.1	53.8	27	0															0	8	.040			12-13
13 48	26.490	74.4	54.6	27	0															0					13-14
14 50	26.480	75.8	55.1	25	0															0					14-15
15 50	26.486	75.3	54.9	26	0															0	6	.035			15-16
16 50	26470	73.0	53.6	27	0															0					16-17
17 50	26480	69.3	51.7	29	0															0					17-18
18 50	26.450	65.0	51.9	33	0															0	5	.000			18-19
19 50	26.500	62.3	48.2	35	0															0					19-20
20 50	26500	60.5	47.4	36	2															1					20-21
21 50	26490	61.7	48.0	36	1	1	CI	250												0	0	.010			21-22
22 50	26480	61.3	48.1	37	0															0					22-23
23 50	26.480	60.9	45.2	39	1															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	54	47	X	X						X		
	0345	1	0	0	0	55	47		0								
	0945	2	0	0	0	69	47		0								
	1546	3	0	0	0	76	69		0								
	2146	4	0	0	0	75	60		0								
	MID.	X	0	0	0	62	54	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0946	1546	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.510	26.555	26.480	26490
BAROGRAPH 64	26.500	26.550	26480	26485
BAR. CORR. 65	+.010	+.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 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
76	47	0	0	0	24	30	1404					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: 1600 CLOCK OK

2315 PST CLOCK ON time

* Barograph Changed 1546

MF1-10A
(10-78)

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

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 OCT 10

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (14)
SA	0050	250 SCT	20			087	61	35	10	05		988	603 1004	WRG
SA	0150	250 SCT	20			085	63	40	34	02		988		WRG
SA	0250	250 SCT	20			084	59	40	05	04		987		WRG
SA	0352	250 SCT	20			074	63	41	07	03		984	810 1001 56 RADAT 58118	EP
SA	0446	250 SCT	20			074	61	40	02	06		984		EP
SA	0550	150 SCT	20			073	64	41	20	07		983		EP
SA	0650	150 SCT	20			074	68	41	19	13		984	ACSL SE/502 1040	EP
SA	0748	150 SCT	20			075	68	38	21	18	G28	983	ACSL SE	EP
SA	0851	150 SCT	20			073	72	39	20	24	G33	983	ACSL SE	EP
SA	0951	150 SCT	20			064	73	39	21	24	G42	981	ACSL SE/808 1040 56	EP
SA	1048	150 SCT 250 SCT	20			056	74	39	17	28	G40	979	ACSL SE [illegible]	EP
SA	1150	E120 BKN 220 BKN	20			053	74	40	19	27	G35	978	PK WND 1937/14	EP
SA	1248	90SCT E120 BKN 220 BKN	20			046	71	40	20	27	G35	976	PK WND 2037/07/817	EP
													1078	
SA	1350	80SCT E120 BKN 250 BKN	20			038	71	40	18	24	G32	973		EP
SA	1450	120 SCT 250 SCT	20			036	73	40	19	25	G35	972		EP
SA	1550	90 SCT 140 SCT 250 SCT	20			031	72	39	20	22	G30	971	PK WND 1936/31	—
													614 1264 73, RADAT 63111	WRG
SA	1650	90 SCT E140 BKN 250 BKN	20			028	70	38	15	22	G33	970		WRG
SA	1750	90 SCT E140 BKN 250 BKN	20			032	65	36	19	18	G25	971		WRG
SA	1850	90 SCT E140 BKN 250 BKN	20			031	66	41	20	16	G24	971	CB DSNT N MOVG NE	—
													OCNL LTGIC 500 1973	WRG
SA	1950	90 SCT E140 BKN	20			024	64	42	19	16	G26	969	CB DSNT N MOVG NE	—
													OCNL LTGIC	WRG
SA	2050	90 SCT E140 BKN	20			018	64	42	19	18	G26	968	CB MOVD NE	WRG
SA	2150	80 SCT E140 BKN	20			021	62	40	21	18	G33	969	503T 1260 73+	WRG
SA	2250	80 SCT E140 OVC	20			012	62	39	21	26	G37	966	PK WND 1940/30	WRG
SA	2350	E80 BKN 140 OVC	20			015	61	41	20	25	G38	967	PK WND 2040/37	WRG

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh$ h_s $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S.GPO:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 OCT 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	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	26.480	61.3	46.1	37	1	1	Ci	250												1	6	.010			00-01
01 50	26.480	63.4	51.0	43	1															1					01-02
02 50	26.470	58.6	48.9	50	1															1					02-03
03 52	26.450	63.4	51.3	44	1	1	Ci	250												1	8	.030			03-04
04 46	26.445	61.1	50.0	46	1															1					04-05
05 50	26.440	63.5	51.2	43	1															1					05-06
06 50	26.445	67.5	53.1	39	1	1	Acsl	150												1	5	.005			06-07
07 48	26.440	67.9	52.1	34	2															2					07-08
08 51	26.440	72.0	53.8	30	3															3					08-09
09 51	26.430	73.3	54.6	29	4	4	Acsl	150												3	8	.025			09-10
10 48	26.400	73.7	54.6	28	3															3					10-11
11 50	26.390	73.7	54.9	29	8															7					11-12
12 48	26.370	71.2	54.1	32	9	2	Ac	90	6	Ac	120	8	1	Cs	220	9				9	8	.050			12-13
13 50	26.350	70.9	54.0	33	8															7					13-14
14 50	26.340	73.1	54.7	30	5															3					14-15
15 50	26.330	72.0	53.9	30	5	1	Cu	90	2	Ac	140	3	2	Ci	250	5				3	6	.040			15-16
16 50	26.320	69.7	52.8	32	6															6					16-17
17 50	26.330	67.8	51.1	31	7															6					17-18
18 50	26.330	66.2	52.5	40	8	1	Cb	90	6	Ac	140	7	1	Ci	250	4				7	5	.000			18-19
19 50	26.310	64.7	52.2	44	8															7					19-20
20 50	26.300	63.7	51.9	45	9															9					20-21
21 50	26.310	62.4	50.6	44	5	3	Cu	60	5	Ac	140	6								6	5	.020			21-22
22 50	26.295	62.2	50.0	43	10															10					22-23
23 50	26.290	60.9	50.0	47	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0346		0	0		64	56										
	0346	1	0	0	0	64	56		0								
	0945	2	0	0	0	73	61		0								
	1546	3	0	0	0	74	70		0								
	2146	4	0	0	0	73	62		0								
	MID.		0	0	0	64	61										

STATION PRESSURE COMPUTATIONS

	TIME (L.S.T.) 59				
		0347	0946	1546	2146
ATT. THERM. 60					
OBSRVD. BAR. 61					
TOTAL CORR. 62					
STA. PRESS. 63		26.450	26.420	26.330	26.310
BAROGRAPH 64		26.440	26.410	26.320	26.295
BAR. CORR. 65		+.010	+.010	+.010	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
74	56	0	0	0	42	5	0944					5	5		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK: 10.00 CLOCK OK

2316 PST CLOCK OK

MF1-10B

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: OCT 11 1981

TO CONVERT LST TO GMT: ADD 5 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME LST (2)	SKY AND CEILING Hundreds of Feet (3)	VISIBILITY Miles: SURFACE (14)	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	0050	E 80 BKN 140 OVC	20			013	60	41	22	24	G37	965	PK WND 2237/49	—
—	—		—			—	—	—	—	—	—	—	710 1260	WM
SA	0150	80 SCT E140 BKN	20			014	58	43	21	24	G35	965	PK WND 2042/06	WM
SA	0250	80 SCT 140 SCT	20			015	57	41	20	22	G32	967	PK WND 2037/33	WM
SA	0349	70 SCT 140 SCT	20			016	56	42	20	22	G36	967	PK WND 2042/13	JC
/													203 1130 55 RADAT 00054	/
SA	0455	70 SCT 140 SCT	20			023	55	42	20	18	G31	968		JC
SA	0548	70 SCT 140 SCT	20			027	54	41	20	15	G30	969		JC
SA	0649	70 SCT 140 SCT 250 - SCT	20			029	55	41	21	18	G28	969	107 1171	JC
SA	0747	70 SCT 140 SCT 250 - SCT	20			034	57	42	21	18	G29	970		JC
SA	0848	70 SCT E140 BKN	20			034	58	40	23	10	G27	970		JC
SA	0949	E70 BKN 140 BKN	20			031	62	42	21	18	G24	970	103 1170 53	JC
SA	1048	70 SCT	20			024	63	39	19	20	G32	968		JC
SA	1145	E70 BKN	20			020	65	39	19	21	G28	967	CB RWD NW MOVE E	JC
/													PK WND 1936/1657	/
SA	1252	70 SCT	20			014	63	41	21	24	G34	965	CB NW-N MOVE NE	JC
/													717 1300	/
SA	1349	70 SCT	20			015	64	37	21	19	G30	965		JC
SA	1444	70 SCT	20			015	63	36	20	27	G35	965		JC
SA	1548	70 SCT	20			016	64	32	20	12	G34	965	400 1100K 65 RADAT 71086	JK
SA	1649	70 SCT	20			022	59	34	22	16		966		JK
SA	1747	70 SCT	20			031	57	32	22	12	G23	968		JK
SA	1845	80 SCT	20			035	56	28	22	08		969	314 1400	JK
RS	1950	100 SCT	20			047	54	36	05	08		972	WSHFT 33	JK
SA	2046	CLR	20			056	50	36	05	12		974		JK
SA	2148	CLR	20			058	50	36	11	10		975	220 65	JK
SA	2245	CLR	20			059	45	34	36	05		975		JK
SA	2345	CLR	20			063	45	34	12	03		976		JK

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{is}$ $8N_sCh\ h_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S.GPO:1980-0-665-115/1108

MFI-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: OCT 11 1981

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	26.290	60.2	50.0	50	10	6	Cu	080	4	Ac	140	10								10	7	.030			00-01
01 50	26.280	57.9	44.4	55	8															6					01-02
02 50	26.290	56.4	48.3	55	5															5					02-03
03 49	26.290	55.5	48.2	60	5	5	Cu	70	0	Ac	140	5								5	2	.010			03-04
04 55	26.300	55.1	48.2	62	4															3					04-05
05 48	26.310	54.0	47.2	61	3															2					05-06
06 49	26.310	53.3	47.8	57	5	1	Cu	70	1	Ac	140	2	3	Ci	250	5				2	1	.020			06-07
07 47	26.320	57.0	49.0	57	4															1					07-08
08 48	26.320	57.8	48.4	51	7															5					08-09
09 49	26.320	62.3	51.0	46	7	7	Cu	070	0	Ac	140	7								7	1	.010			09-10
10 48	26.300	62.9	50.4	42	3															3					10-11
11 45	26.290	64.8	51.0	40	6															6					11-12
12 52	26.270	62.9	51.2	45	4	4	Cu	70												4	2	.050			12-13
13 49	26.270	64.3	50.2	37	3															3					13-14
14 44	26.270	63.0	49.1	36	3															3					14-15
15 48	26.270	63.8	48.1	30	1	1	Cu	70												1	4	.000			15-16
16 49	26.280	59.2	46.6	38	1															1					16-17
17 47	26.300	57.0	44.4	36	1															1					17-18
18 45	26.310	55.6	43.2	35	1	1	Sc	80												1	3	.040			18-19
19 50	26.340	53.9	45.0	50	2															2					19-20
20 46	26.360	50.3	43.5	59	0															0					20-21
21 48	26.370	50.0	43.0	57	0															0	2	.060			21-22
22 45	26.370	45.4	40.1	64	0															0					22-23
23 45	26.380	45.0	40.0	66	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	61	55	X	X						X		
	0345	1	0	0	0	64	55		0								
	0945	2	0	0	0	63	53		0								
	1544	3	0	0	0	65	62		0								
	2143	4	0	0	0	64	50		0								
	MID.	X	0	0	0	50	45	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1546	2145
ATT. THERM. 60				
OBSVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.270	26.320	26.270	26.320
BAROGRAPH 64	26.270	26.315	26.270	26.320
BAR. CORR. 65	+.020	+.005	±.0	±.0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
65	45	0	0	0	*42	5	0313					4	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK: 1 SEC. SLOW 1205 P 1810 P 1 SEC SLOW

* LAST OF SEVERAL

MFI-10B

MF1-10A
(10-78)

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

STATION WSMO, DESERT ROCK, NV

DATE OCT 12 1981

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0053	CLR	20			072	44	34	17	03		979	210	JK
SA	0149	CLR	20			072	41	33	35	02		979		JK
SA	0245	CLR	20			074	40	32	13	02		979	SC SE	JK
SA	0349	CLR	20			076	41	34	20	02		980	303 1500 39 RADAT	JC
/													96072	/
SA	0444	CLR	20			084	40	30	02	03		981		JC
SA	0548	50 SCT	20			094	38	30	19	02		983		JC
SA	0644	E50 BKN	20			093	42	30	13	02		983	110 1500	JC
SA	0748	E50 OVC	20			098	47	31	24	03		986	BINOVC ALQDS	JC
SA	0846	E50 BKN	20			097	50	33	24	05		986		JC
SA	0949	50 SCT 140 SCT	20			092	53	29	33	10		984	003 1530 38	JC
SA	1050	CLR	20			090	56	14	20	14		983	FEW CU AND AC	JC
SA	1149	70 SCT	20			082	57	26	24	13		981		JC
SA	1246	70 SCT	20			070	59	33	22	08		978	820 1100	JC
SA	1345	70 SCT	20			068	58	32	21	12		977		JC
SA	1449	70 SCT	20			065	59	33	24	10		976		JC
SA	1548	90 SCT	20			061	59	29	25	15		974	710 1100 59 RADAT 53076	JK
SA	1646	90 SCT	20			063	57	29	23	12		974		JK
SA	1750	90 SCT	20			068	54	27	24	10		976		JK
SA	1849	90 SCT	20			072	52	25	03	03		977	307 1400	JK
SA	1950	90 SCT	20			077	50	27	03	07		979		JK
SA	2049	90 SCT	20			076	49	29	05	10		979		JK
SA	2148	90 SCT	20			075	49	31	03	08		979	107 1400 59	JK
SA	2250	90 SCT	20			074	48	30	03	10		979		JK
SA	2345	90 SCT	20			081	47	30	13	03		981		JK

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dopp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh\ h_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆U.S.GPO:1980-0-565-115/1106

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NV

DATE: OCT 12 1981

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.400	42.8	39.2	67	0															0	2	.030			00-01
01 49	26.400	41.0	33.2	71	0															0					01-02
02 45	26.400	37.5	36.3	75	0															0					02-03
03 49	26.410	40.8	37.8	77	0	0	Sc	50												0	3	.010			03-04
04 44	26.420	39.5	35.5	69	0															0					04-05
05 45	26.440	38.4	35.0	73	4															3					05-06
06 44	26.440	41.8	36.8	63	8	8	Sc	250												6	1	.030			06-07
07 48	26.460	46.5	39.4	53	10															8					07-08
08 46	26.460	50.2	42.1	51	8															6					08-09
09 49	26.450	52.8	42.0	39	3	3	Sc	50	0	Ac	140	3								2	0	.010			09-10
10 50	26.440	56.2	39.7	19	0															0					10-11
11 49	26.420	56.5	43.0	31	2															2					11-12
12 46	26.390	58.9	46.2	37	4	4	Cu	70												4	8	.060			12-13
13 45	26.380	57.5	45.1	37	2															2					13-14
14 49	26.370	58.7	46.2	38	2															2					14-15
15 48	26.360	59.0	45.0	32	2	2	Cu	90												2	7	.030			15-16
16 46	26.365	57.2	44.1	34	1															1					16-17
17 50	26.370	53.9	41.8	34	2															2					17-18
18 49	26.380	51.8	40.4	35	2	2	Sc	90												2	3	.020			18-19
19 50	26.400	50.0	40.0	41	1															1					19-20
20 49	26.400	48.6	39.8	46	1															1					20-21
21 48	26.400	49.2	41.0	50	2	2	Sc	90												2	1	.020			21-22
22 50	26.400	48.0	40.0	50	2															2					22-23
23 45	26.420	46.5	39.1	52	1															1					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	45	39	X	X						X		
	0345	1	0	0	0	50	39		0								
	0945	2	0	0	0	54	38		0								
	1545	3	0	0	0	59	53		0								
	2145	4	0	0	0	59	49		0								
	MID.	X	0	0	0	49	47	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1546	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.410	26.450	26.360	26.400
BAROGRAPH 64	26.405	26.455	26.370	26.400
BAR. CORR. 65	+.005	±0	-.010	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
59	38	0	0	0	24	W	1549					4	2		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK: ONTIME 1030P 1735P OK

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION WSMO, DESERT ROCK, NV

DATE OCT 13 1981

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (10's deg.) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (14)
SA	0053	90 SCT 140 - BKN	20			082	46	30	09	02		981	107 1440	JK
SA	0149	90 SCT E140 BKN	20			086	44	30	03	03		982		JK
SA	0245	90 SCT E140 OVC	20			086	45	30	23	06		982		JK
SA	0349	70 SCT 140 SCT	20			088	44	33	11	03		983	207 1570 43	JC
/													RADAT 45071	/
SA	0446	140 SCT	20			100	41	31	17	04		986	PLW SC NS	JC
SA	0545	70 SCT 140 SCT	20			105	40	31	04	03		987		JC
SA	0648	140 SCT	20			115	39	31	33	04		989	217 1570	JC
SA	0747	CLR	20			116	45	32	27	04		990		JC
SA	0850	250 - SCT	20			118	50	33	25	11		991		JC
SA	0949	250 - SCT	20			120	52	33	25	09		992	CB NW/210 1301 38	JC
SA	1048	70 SCT 250 - SCT	20			124	54	35	24	13		993	CB NW	JC
SA	1146	70 SCT	20			120	55	36	23	12		992	CB N	JC
SA	1251	70 SCT	20			112	58	37	22	13		990	CB NW AND N / 507	JC
/													1300	/
SA	1349	E70 BKN	20			113	58	36	25	15	G23	990	CB NW AND N RWU NW	JC
SA	1447	E70 BKN	20			115	59	33	22	10	G18	991	RWU N	JC
SA	1548	E70 BKN	20			116	58	30	22	10	G20	991	103 1200 59 RADAT 55075	JK
SA	1650	70 SCT 250 - SCT	20			123	56	26	26	10		992		JK
SA	1749	70 SCT 250 - SCT	20			135	51	26	25	05		994		JK
SA	1850	CLR	20			140	49	29	05	05		996	314 1401	JK
SA	1947	CLR	20			141	48	25	04	10		997	SC W	JK
SA	2046	CLR	20			147	46	28	05	02		999		JK
SA	2145	CLR	20			151	45	27	04	07		000	314 1001 59	JK
SA	2247	CLR	20			153	44	28	03	06		001		JK
SA	2346	CLR	20			152	44	28	05	08		001		JK

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: Iliii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh\,h_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆U.S.GPO:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK, NV

DATE: OCT 13 1981

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

SURFACE WEATHER OBSERVATIONS

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.420	46.0	39.0	54	7	2	Sc	90	5	Ac	140	7								3	1	.020			00-01
01 49	26.430	43.8	37.7	58	8															6					01-02
02 45	26.430	45.0	38.5	56	10															9					02-03
03 49	26.440	43.5	38.6	65	4	1	Sc	70	4	Ac	140	4								3	2	.030			03-04
04 46	26.460	41.0	36.8	68	2															2					04-05
05 45	26.470	39.7	36.0	71	2															2					05-06
06 48	26.490	38.7	35.2	72	2	0	Sc	80	2	Ac	140	2								2	2	.050			06-07
07 47	26.500	44.8	39.0	60	0															0					07-08
08 50	26.510	49.7	41.8	52	4															1					08-09
09 49	26.520	51.8	43.8	48	4	0	CB	60	4	Ci	250	4								1	2	.030			09-10
10 48	26.530	54.0	44.6	48	4															2					10-11
11 46	26.520	55.1	45.6	49	3															3					11-12
12 51	26.500	57.6	47.2	46	5	5	CB	70												5	8	.020			12-13
13 49	26.500	57.8	47.0	45	6															5					13-14
14 47	26.570	58.6	46.0	37	6															6					14-15
15 48	26.510	52.7	44.7	35	6	6	Cu	270												6	1	.010			15-16
16 50	26.520	55.9	42.5	31	4															2					16-17
17 49	26.540	51.1	40.3	38	4															2					17-18
18 50	26.550	49.0	40.0	45	0	0	Sc	70	0	Ci	250	0								0	3	.040			18-19
19 47	26.560	47.5	39.1	47	0															0					19-20
20 46	26.580	46.3	38.3	48	0															0					20-21
21 48	26.590	44.8	37.2	49	0	0	Ci	250												0	3	.040			21-22
22 47	26.600	44.1	37.1	52	0															0					22-23
23 46	26.600	44.1	37.1	52	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345		0	0		47	43										
	0345	1	0	0	0	49	43		0								
	0945	2	0	0	0	52	38		0								
	1545	3	0	0	0	59	52		0								
	2145	4	0	0	0	58	45		0								
	MID.		0	0	0	45	44										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1546	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.440	26.520	26.510	26.590
BAROGRAPH 64	26.440	26.520	26.510	26.580
BAR. CORR. 65	±0	±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
59	38	0	0	0	24	SW	1016					4	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK: ON TIME 0951 P 1840 P OK

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: OCT 14 1981

TO CONVERT LST TO GMT: ADD 5 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY SURFACE (4)	VISIBILITY TOWER (4)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (6)	(7)	TEMP (8)	DEW PT. (9)	WIND DIRECTION (9)	WIND SPEED (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (14)
SA	0047	CLR	20			152	42	28	04	06			001	103 1401	JK
SA	0145	CLR	20			156	42	28	09	05			002		JK
SA	0245	CLR	20			154	42	30	04	10			002		JK
SA	0349	250 - SCT	20			159	43	29	04	12			003	207 1001 41 RAOAT49076	HS
SA	0449	250 - SCT	20			166	44	29	02	10			005		HS
SA	0548	250 - SCT	20			174	43	29	05	10			007		HS
SA	0647	250 - SCT	20			180	43	31	05	11			008	214 / 001	HS
SA	0755	250 - SCT	20			185	47	32	02	10			010		HS
SA	0849	250 - SCT	20			184	51	29	03	08			010	CW SE NW	HS
SA	0947	250 - SCT	20			182	53	31	35	08			009	CW SE NW 005 1101 40	HS
SA	1048	250 - BKN	20			175	56	31	07	09			008	CW ALQDS	HS
SA	1146	70 SCT 250 - BKN	20			166	58	28	14	09			006		HS
SA	1250	E70 BKN	20			157	61	29	11	07			003	TCU N 1200	HS
SA	1346	E70 BKN	20			155	59	29	14	05			002		HS
SA	1446	E70 BKN	20			150	61	27	32	06			001		HS
SA	1553	E80 BKN	20			151	59	27	03	09			001	VIRGA W-NW / 607 1200	HS
—	—													63 RADAT 48082	—
SA	1647	E80 BKN 300 BKN	20			151	57	27	05	09			001	VIRGA W-NW	HS
SA	1752	80 SCT 300 SCT	20			154	54	27	03	12			001		HS
SA	1845	80 SCT 300 SCT	20			155	53	30	03	11			001	400 1404	HS
SA	1940	E80 BKN 300 BKN	20			157	51	29	03	15			002		HS
SA	2050	150 SCT	20			158	51	27	03	16			003		HS
SA	2146	CLR	20			158	48	31	04	13			003	107 1070 63	HS
SA	2253	300 SCT	20			154	47	29	05	12			002		HS
SA	2351	300-OVC	20			154	46	30	07	03			002		HS

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_{dapp} $6P_oP_oP_oP_o$ $7RRR_{tt}$ $8N_sCh\ h_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆U.S.GPO:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: OCT 14 1981

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.
0047	26.600	42.3	36.2	56	0	0	SC	70	0	Ci	250	0								0	1	.010			00-01
01 45	26.610	42.1	36.1	57	0															0					01-02
02 45	26.610	42.1	37.0	63	0															0					02-03
03 49	26.620	43.3	37.3	58	1	1	Ci	250												0	2	.020			03-04
04 49	26.640	43.5	37.4	51	4															1					04-05
05 48	26.650	42.6	36.7	58	2															1					05-06
06 47	26.660	42.8	37.5	62	2	2	Ci	250												1	2	.040			06-07
07 50	26.680	46.7	39.8	55	1															0					07-08
08 49	26.680	50.9	41.1	43	2															0					08-09
09 47	26.675	52.9	42.8	43	4	0	Cu	60	4	Ci	250	4								1	0	.015			09-10
10 48	26.660	56.0	44.1	38	7															1					10-11
11 46	26.640	55.0	44.1	31	8															2					11-12
12 50	26.620	60.9	46.0	30	7	7	Cu	670												7	7	.055			12-13
13 46	26.610	59.2	45.0	31	7															7					13-14
14 46	26.600	60.9	45.3	28	7															7					14-15
15 53	26.600	53.8	44.3	29	9	9	Cu	680												9	6	.020			15-16
16 47	26.600	57.2	43.5	31	7															7					16-17
17 52	26.600	57.2	42.9	35	3															3					17-18
18 45	26.600	52.6	42.1	41	3	2	SC	80	1	Ci	300	3								3	4	.000			18-19
19 46	26.610	51.4	41.2	41	8															8					19-20
20 50	26.620	51.0	41.0	42	5															5					20-21
21 46	26.620	48.0	40.1	50	0	0	Ac	150												0	1	.020			21-22
22 53	26.610	47.0	39.2	50	2															2					22-23
23 51	26.610	45.9	38.7	53	10															4					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	44	41	X	X						X		
	0344	1	0	0	0	45	41		0								
	0942	2	0	0	0	55	40		0								
	1548	3	0	0	0	63	53		0								
	2142	4	0	0	0	59	48		0								
	MID.	X	0	0	0	48	46	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0946	1553	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.620	26.675	26.600	26.620
BAROGRAPH 64	26.605	26.660	26.590	26.600
BAR. CORR. 65	+.015	+.015	+.010	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
63	40	0	0	0	17	N	1947					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: 0950P-OK ON TIME 1853

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: OCT 15 1981

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-°) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0051	300-OVC	20			148	47	29	06	10		001	707 1007	[illegible]
SA	0148	300-OVC	20			150	46	30	04	11		001		[illegible]
SA	0250	300-OVC	20			144	46	30	04	12		999		[illegible]
SA	0349	250-OVC	20			141	46	30	05	12		999	807 1007 45 RADAT 61076	HS
SA	0448	250-BKN	20			146	47	30	05	15		999		HS
SA	0548	80 SCT E250 BKN	20			147	47	30	05	15		999		HS
SA	0650	80 SCT E250 BKN	20			151	46	31	04	13		001	207 1108	HS
SA	0748	80 SCT E250 BKN	20			158	48	31	03	13		003		HS
SA	0848	80 SCT E250 BKN	20			160	49	31	03	10		003		HS
SA	0952	80 SCT E250 OVC	20			164	51	32	01	08		004	HVY CWSE 210 1207 45	HS
SA	1049	80 SCT E250 OVC	20			156	52	33	05	12		008 82	TCWSW	HS
SA	1150	80 SCT 160 SCT E250 OVC	20			152	53	32	04	07		001		HS
SA	1250	80 SCT 160 SCT E250 OVC	20			149	54	32	04	09		000	VIRGA NW 714 1237	HS
SA	1349	80 SCT 160 SCT E250 OVC	20			152	54	35	34	10		001	VIRGA NW	HS
SA	1449	E80 BKN 160 OVC	20			157	52	35	01	09		002	SWD SE	HS
SA	1548	40 SCT 80 SCT E160 BKN 250 OVC	20			161	52	35	01	09		003	RWU NE-SE / 210 1871	[illegible]
—	—												56 RADAT 78070	—
SA	1647	40 SCT 160 SCT E250 OVC	20			163	50	36	03	07		004		[illegible]
SA	1751	E40 BKN 160 OVC	20		RW-	168	49	37	06	06		005	RB38	[illegible]
SA	1850	40 SCT E150 BKN	20			174	48	37	01	02		006	RE03 / 31000 1570	[illegible]
SA	1946	150 SCT 250 SCT	20			175	45	35	35	05		006		[illegible]
SA	2045	CLR	20			180	42	34	03	08		007		[illegible]
SA	2153	E130 BKN	20			180	43	34	02	02		008	30500 1050 56	[illegible]
SA	2254	90 SCT	20			180	40	33	36	04		008		[illegible]
SA	2350	CLR	20			180	40	32	12	05		008		[illegible]

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh$ h_s $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆U.S.GPO:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK, NV

DATE: OCT 15 1981

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

SURFACE WEATHER OBSERVATIONS

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 51	26.600	46.6	39.0	51	10	10	CS	200												3	7	.020			00-01
01 48	26.600	45.9	39.8	53	10															4					01-02
02 50	26.590	45.7	38.7	54	10															3					02-03
03 49	26.580	46.3	39.0	52	10	10	CS	250												3	8	.020			03-04
04 48	26.590	47.0	39.4	51	8															2					04-05
05 48	26.590	47.3	39.6	51	9															7					05-06
06 50	26.600	46.2	39.3	54	9	2	Cu	80	7	Cs	E250	9								7	2	.020			06-07
07 48	26.615	48.2	40.3	51	9															7					07-08
08 48	26.620	49.3	41.0	49	9															7					08-09
09 52	26.630	50.8	42.0	48	10	2	Cu	80	8	Cs	E250	10								8	2	.030			09-10
10 49	26.610	52.1	43.1	48	10															7					10-11
11 50	26.600	53.3	43.3	44	10															7					11-12
12 50	26.590	53.8	43.7	44	10	4	Cu	80	1	Ac	160	5	5	Cs	E250	10				8	7	.040			12-13
13 49	26.600	54.0	44.1	49	10															9					13-14
14 49	26.610	51.6	43.4	52	10															9					14-15
15 48	26.620	51.6	43.7	54	10	2	Sc	40	2	Cu	80	4	3	Ac	E160	7	3	Ci	250	9	2	.030			15-16
16 47	26.625	50.1	43.1	57	10															7					16-17
17 51	26.640	48.7	43.0	64	10															10					17-18
18 50	26.650	47.6	42.6	67	8	3	Sc	40	5	Ac	E150	8								8	3	.030			18-19
19 46	26.650	44.8	40.2	68	3															3					19-20
20 45	26.660	42.3	38.3	71	0															0					20-21
21 53	26.665	42.5	38.7	72	9	9	Ac	E130												9	3	.015			21-22
22 54	26.665	40.4	37.2	76	2															2					22-23
23 50	26.665	39.7	36.4	74	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	47	45	X	X						X		
	0344	1	0	0	0	48	45		0								
	0947	2	0	0	0	52	46		0								
	1544	3	0	0	0	56	51		0								
	2149	4	T	0	0	53	42		0								
	MID.	X	0	0	0	43	40	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0951	1548	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.580	26.630	26.620	26.665
BAROGRAPH 64	26.570	26.610	26.600	26.640
BAR. CORR. 65	+.010	+.020	+.020	+.025

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
56	40	T	0	0	20	N	1330					10	8		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1738	1803			

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: 0955 - OK CORRECT 1836

MF1-10B

MF1-10A
(10-78)

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

STATION WSMO, DESERT ROCK, NV

DATE OCT 16 1981

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0053	CLR	20			188	38	32	05	06		010	305	HS
SA	0155	CLR	20			189	36	31	04	05		010		HS
SA	0252	CLR	20			190	37	33	17	04		010		HS
SA	0348	CLR	20			190	36	32	13	02		010	400 1030 36 RADAT 70082	HS
SA	0448	CLR	20			200	35	32	00	00		012		HS
SA	0549	150 SCT 250 SCT	20			201	35	31	19	05		012		HS
SA	0650	150 SCT 250 SCT	20			197	41	34	20	02		012	CU SE 107 1132	HS
SA	0749	250-SCT	20			200	45	33	10	04		013	CU SE FEW AC	HS
SA	0850	250-SCT	20			202	52	33	28	06		015	CU SE	HS
SA	0948	250-BKN	20			197	56	35	24	05		014	CU SE 005 1101 34	HS
SA	1049	250-SCT	20			198	59	35	20	04		014	CU ALQDS	HS
SA	1147	250-SCT	20			190	62	35	34	05		012	CU ALQDS	HS
SA	1250	250-SCT	20			182	63	33	23	03		010	CU ALQDS 81 - 1101	HS
SA	1347	250-SCT	20			179	64	34	28	05		009	CU N-E-S	HS
SA	1445	CLR	20			178	64	35	24	06		009	CU NW-NE SE	HS
SA	1550	CLR	20			183	64	34	31	04		010	500 1400 66 RADAT 56088	HS
SA	1653	CLR	20			184	62	34	25	03		010		HS
SA	1750	CLR	20			195	57	30	30	05		012		HS
SA	1853	CLR	20			201	52	32	08	04		014	314	HS
SA	1945	CLR	20			204	51	31	09	04		015		HS
SA	2052	CLR	20			210	49	31	10	04		017		HS
SA	2148	CLR	20			211	48	31	04	04		018	214 66	HS
SA	2251	CLR	20			211	45	31	00	00		018		HS
SA	2353	CLR	20			218	45	30	03	06		021		HS

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh\ h_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆U.S.GPO:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION WSMO, DESERT ROCK, NV

DATE OCT 16 1981

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

SURFACE WEATHER OBSERVATIONS

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.680	37.0	35.3	78	0															0	3	.015			00-01
01 55	26.680	36.3	34.2	82	0															0					01-02
02 50	26.680	36.5	34.8	85	0															0					02-03
03 48	26.680	36.3	34.4	84	0	0	Ac	150												0	4	.000			03-04
04 48	26.700	35.3	33.7	86	0															0					04-05
05 49	26.700	34.9	33.1	85	2															2					05-06
06 50	26.700	41.4	37.9	73	2	0	Cu	80	1	Ac	150	1	1	Ci	250	2				2	1	.020			06-07
07 49	26.710	44.8	39.5	64	4															1					07-08
08 50	26.725	51.8	42.4	49	5															0					08-09
09 48	26.715	55.8	45.5	45	6	0	Cu	80	6	Ci	250	6								1	0	.015			09-10
10 49	26.720	58.9	46.8	40	4															0					10-11
11 47	26.700	61.7	48.1	36	5															1					11-12
12 50	26.680	62.6	48.0	33	3	0	Cu	80	3	Ci	250	3								0	8	.035			12-13
13 47	26.670	64.1	48.4	32	1															0					13-14
14 45	26.670	64.1	49.2	33	0															0					14-15
15 50	26.680	64.0	48.8	32	0	0	Sc	80												0	5	.000			15-16
16 53	26.680	62.2	48.0	34	0															0					16-17
17 50	26.700	56.8	44.2	35	0															0					17-18
18 53	26.720	52.3	42.8	46	0															0	3	.040			18-19
19 45	26.730	51.2	41.8	45	0															0					19-20
20 52	26.750	48.5	40.4	50	0															0					20-21
21 48	26.760	48.1	40.4	52	0															0	2	.040			21-22
22 51	26.760	44.8	38.5	57	0															0					22-23
23 53	26.780	44.7	38.2	56	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343		0	0		40	36										
	0343	1	0	0	0	43	36		0								
	0943	2	0	0	0	57	34		0								
	1546	3	0	0	0	66	56		0								
	2144	4	0	0	0	64	48		0								
	MID.		0	0	0	48	44										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1530	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.690	26.715	26.680	26.760
BAROGRAPH 64	26.660	26.715	26.665	26.745
BAR. CORR. 65	+.020	±0	+.015	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
66	34	0	0	0	17	SW	1354					3	1		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK: 0951P - OK CORRECT 1815

MF1-10B

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: OCT 17 1981

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0050	CLR	20			216	45	32	11	04		021	107	HS
SA	0152	CLR	20			217	43	30	00	00		021		HS
SA	0250	CLR	20			225	42	30	08	07		023		HS
SA	0348	CLR	20			224	46	31	03	06		023	107 42 RADAT27L102127	HS
SA	0447	CLR	20			230	42	29	08	08		024		HS
SA	0547	CLR	20			231	44	30	12	07		024		HS
SA	0649	CLR	20			237	46	31	08	04		025	207	HS
SA	0749	CLR	20			241	54	34	04	16		027		HS
SA	0847	CLR	20			243	58	36	06	14		028		HS
SA	0947	CLR	20			242	62	37	04	13		028	110 42	HS
SA	1049	CLR	20			239	65	37	02	13		027		HS
SA	1147	CLR	20			225	68	38	36	16		024		HS
SA	1248	CLR	20			220	70	37	02	17		023	617	HS
SA	1348	CLR	20			213	72	39	03	13		021		HS
SA	1445	CLR	20			214	72	38	09	10		021		HS
SA	1552	CLR	20			207	73	40	08	14		019	610 74 RADAT 35122	HS
SA	1655	CLR	20			215	70	39	06	05		021		HS
SA	1750	CLR	20			222	67	37	06	10		023		HS
SA	1849	CLR	20			222	66	38	08	11		023	110	HS
SA	1946	CLR	20			226	63	37	07	10		025		HS
SA	2048	CLR	20			229	61	36	02	11		026		HS
SA	2147	CLR	20			232	60	36	03	12		027	214 74	HS
SA	2248	CLR	20			235	58	37	04	13		028		HS
SA	2349	CLR	20			237	57	37	04	13		029		HS

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh\ h_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆U.S.GPO:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: OCT 17 1981

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	26.780	45.0	39.0	59	0															0	1	-.020			00-01
01 52	26.780	43.0	37.2	59	0															0					01-02
02 50	26.800	42.3	37.0	62	0															0					02-03
03 48	26.800	45.8	39.2	56	0															0	1	.020			03-04
04 47	26.810	42.2	36.4	58	0															0					04-05
05 47	26.810	44.3	38.0	57	0															0					05-06
06 49	26.820	46.1	39.3	55	0															0	2	.020			06-07
07 49	26.840	54.2	44.6	47	0															0					07-08
08 47	26.850	58.3	47.0	43	0															0					08-09
09 47	26.850	61.6	49.0	41	0															0	1	.030			09-10
10 49	26.840	64.6	50.1	36	0															0					10-11
11 47	26.810	68.3	52.0	33	0															0					11-12
12 48	26.800	69.7	52.4	30	0															0	6	.050			12-13
13 48	26.780	71.6	53.7	30	0															0					13-14
14 45	26.780	71.7	53.6	30	0															0					14-15
15 52	26.770	72.6	54.6	31	0															0	6	.030			15-16
16 55	26.780	70.0	53.0	32	0															0					16-17
17 50	26.800	66.6	51.0	33	0															0					17-18
18 49	26.800	65.6	51.1	36	0															0	1	.030			18-19
19 46	26.820	63.3	49.8	38	0															0					19-20
20 48	26.830	60.9	48.3	39	0															0					20-21
21 47	26.840	59.7	47.7	41	0															0	2	.040			21-22
22 48	26.850	57.9	47.2	45	0															0					22-23
23 49	26.860	57.2	47.0	47	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	45	42	X	X						X		
	0343	1	0	0	0	48	42		0								
	0942	2	0	0	0	63	42		0								
	1548	3	0	0	0	74	62		0								
	2143	4	0	0	0	73	60		0								
	MID.	X	0	0	0	60	57	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0946	1552	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.860	26.856	26.770	26.840
BAROGRAPH 64	26.785	26.820	26.760	26.825
BAR. CORR. 65	+.015	*+.030	+.010	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
74	42	0	0	0	22	N	1320					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: 0450P-OK CORRECT 1830

*BAROGRAPH CHANGED RE-SET TO "0"

MF1-10B

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: OCT 18 1981

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY (4) SURFACE	VISIBILITY (4) TOWER	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (15)	TEMP (7)	DEW PT. (8)	WIND DIRECTION (9)	WIND SPEED (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS
SA	0051	CLR	20			241	56	37	05	14		031	210	KG
SA	0150	CLR	20			231	59	36	07	15		028		KG
SA	0250	CLR	20			236	56	34	05	08		029		KG
SA	0349	CLR	20			234	56	34	07	05		029	805 54 RADAT 20129	RD
SA	0447	CLR	20			235	55	34	06	12		029		RD
SA	0550	CLR	20			241	55	34	08	12		030		RD
SA	0651	CLR	20			246	56	34	06	11		032	308	RD
SA	0747	CLR	20			248	61	35	09	10		033		RD
SA	0846	CLR	20			246	64	37	11	18		032		RD
SA	0949	CLR	20			242	67	38	08	11		032	802 53	RD
SA	1050	CLR	20			236	69	38	04	18		030		RD
SA	1149	CLR	20			226	71	36	04	18		026		RD
SA	1250	CLR	20			220	72	38	07	14		025	719	RD
SA	1349	CLR	20			214	72	37	08	12		024		RD
SA	1450	CLR	20			212	73	39	09	09		023		RD
SA	1548	CLR	20			208	73	37	11	12		022	710 75 RADAT 21123	CG
SA	1645	CLR	20			209	72	37	10	13		022		CG
SA	1746	CLR	20			216	67	36	09	08		023		CG
SA	1847	CLR	20			222	63	32	12	07		024	307	CG
SA	1945	CLR	20			224	60	34	09	08		025		CG
SA	2048	CLR	20			221	63	36	08	07		025		CG
SA	2149	CLR	20			220	62	38	05	11		025	103 75	CG
SA	2249	CLR	20			221	59	34	03	09		025		CG
SA	2346	CLR	20			224	58	35	08	08		026		CG

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{is}$ $8N_sCh\ h_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆U.S.GPO:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION WSMO, DESERT ROCK, NV

DATE OCT 18 1981

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

SURFACE WEATHER OBSERVATIONS

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 51	26.870	56.3	46.5	48	0															0	2	.030			00-01
01 50	26.860	58.6	47.3	43	0															0					01-02
02 50	26.860	56.2	45.4	43	0															0					02-03
03 49	26.855	56.0	45.4	44	0															0	8	.015			03-04
04 47	26.855	55.3	45.0	45	0															0					04-05
05 50	26.865	55.0	44.8	45	0															0					05-06
06 51	26.880	56.1	45.4	43	0															0	3	.025			06-07
07 47	26.890	61.2	48.1	38	0															0					07-08
08 46	26.885	64.0	50.0	37	0															0					08-09
09 49	26.875	66.8	51.3	34	0															0	8	.065			09-10
10 50	26.860	68.8	52.1	32	0															0					10-11
11 49	26.830	71.0	52.6	28	0															0					11-12
12 50	26.820	72.1	53.7	29	0															0	7	.055			12-13
13 49	26.805	72.0	53.2	28	0															0					13-14
14 50	26.800	73.2	54.4	29	0															0					14-15
15 48	26.790	73.1	53.7	27	0															0	7	.030			15-16
16 45	26.790	71.6	53.1	28	0															0					16-17
17 46	26.800	66.9	50.6	31	0															0					17-18
18 47	26.810	62.9	47.8	31	0															0	3	.020			18-19
19 45	26.820	60.4	47.1	36	0															0					19-20
20 48	26.820	62.7	49.0	37	0															0					20-21
21 49	26.820	61.7	48.5	38	0															0	1	.010			21-22
22 49	26.820	58.8	46.7	40	0															0					22-23
23 46	26.830	57.7	46.4	42	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	59	54	X	X						X		
	0343	1	0	0	0	60	54		0								
	0944	2	0	0	0	67	53		0								
	1545	3	0	0	0	75	67		0								
	2146	4	0	0	0	73	60		0								
	MID.	X	0	0	0	62	58	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0948	1547	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.855	26.875	26.790	26.820
BAROGRAPH 64	26.860	26.870	26.785	26.800
BAR. CORR. 65	+.005	+.005	+.005	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
75	53	0	0	0	28	E	1305					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: 1045 OK 2010 OK

MF1-10B

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NM

DATE: OCT 19 1981

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. INITIALS (15)
SA	0051	CLR	20			223	59	35	05	06		026	103	CG
SA	0147	CLR	20			225	56	33	01	07		026		CG
SA	0248	CLR	20			220	58	34	06	14		025		CG
SA	0350	CLR	20			219	55	34	07	09		025	603 55 RAPAT 21124	RD
SA	0449	CLR	20			225	54	32	05	06		026		RD
SA	0548	CLR	20			229	52	32	11	08		026		RD
SA	0649	CLR	20			234	53	34	06	08		027	305	RD
SA	0750	CLR	20			235	60	35	06	10		028		RD
SA	0850	CLR	20			232	63	38	02	12		028		RD
SA	0950	CLR	20			226	66	38	03	12		027	600 50	RD
SA	1049	CLR	20			221	70	41	10	05		025		RD
SA	1147	CLR	20			205	70	40	05	09		024		RD
SA	1247	CLR	20			190	76	40	09	10		017	729	RD
SA	1348	CLR	20			185	76	38	13	10		015		RD
SA	1450	CLR	20			181	76	39	13	08		014		RD
SA	1546	CLR	20			177	75	38	15	08		013	714 78 RAPAT 20128	CG
SA	1649	CLR	20			178	73	37	13	05		013		CG
SA	1747	CLR	20			187	68	33	13	08		014		CG
SA	1845	CLR	20			189	62	34	11	05		014	103	CG
SA	1947	CLR	20			191	60	26	10	05		015		CG
SA	2048	CLR	20			193	60	31	13	09		016		CG
SA	2145	CLR	20			194	55	31	34	02		016	107 78	CG
SA	2245	CLR	20			191	55	31	10	07		016		CG
SA	2346	CLR	20			190	57	30	02	04		016		CG

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh\ h_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆U.S.GPO:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION WSMO, DESERT ROCK, NV

DATE OCT 19 1981

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

SURFACE WEATHER OBSERVATIONS

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 51	26.830	58.6	46.8	41	0															0	1	.010			00-01
01 47	26.830	55.9	45.0	42	0															0					01-02
02 48	26.820	55.8	45.1	43	0															0					02-03
03 50	26.820	55.4	45.0	45	0															0	6	.010			03-04
04 49	26.830	53.7	43.6	44	0															0					04-05
05 48	26.830	51.8	42.6	47	0															0					05-06
06 48	26.835	52.9	43.8	48	0															0	3	.015			06-07
07 50	26.850	66.1	47.6	39	0															0					07-08
08 50	26.845	63.0	49.7	39	0															0					08-09
09 50	26.835	66.0	51.0	35	0															0	0	.000			09-10
10 49	26.820	69.9	54.0	35	0															0					10-11
11 47	26.780	70.4	53.7	33	0															0					11-12
12 47	26.750	75.8	55.7	27	0															0	7	.085			12-13
13 46	26.730	76.3	55.4	25	0															0					13-14
14 50	26.720	76.4	55.8	26	0															0					14-15
15 46	26.710	75.1	54.7	26	0															0	7	.040			15-16
16 49	26.710	73.2	53.7	27	0															0					16-17
17 47	26.720	67.7	50.1	27	0															0					17-18
18 45	26.720	62.1	48.0	35	0															0	1	.010			18-19
19 47	26.730	59.6	44.4	27	0															0					19-20
20 48	26.740	59.8	46.1	34	0															0					20-21
21 45	26.740	54.5	43.6	41	0															0	1	.020			21-22
22 45	26.740	54.9	43.7	40	0															0					22-23
23 46	26.740	57.2	44.4	35	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	59	55	X	X						X		
	0344	1	0	0	0	62	55		0								
	0944	2	0	0	0	66	50		0								
	1543	3	0	0	0	78	66		0								
	2142	4	0	0	0	76	55		0								
	MID.	X	0	0	0	57	54	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1545	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.820	26.835	26.710	26.740
BAROGRAPH 64	26.805	26.820	26.690	26.720
BAR. CORR. 65	+.015	+.015	+.020	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
78	50	0	0	0	17	E	1050					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: 0854 OK 2035 OK

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: OCT 20 1981

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (10's of °) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0046	CLR	20			188	58	29	09	05		016	400	CG
SA	0158	CLR	20			188	55	29	19	03		016		CG
SA	0246	CLR	20			191	49	30	27	03		016	SCLI[illegible]	CG
SA	0350	CLR	20			194	48	26	33	04		016	400 48 RADAT -20130	RD
SA	0449	CLR	20			199	47	26	12	04		017		RD
SA	0552	CLR	20			200	47	25	33	03		017		RD
SA	0647	CLR	20			206	50	26	06	03		018	307	RD
SA	0749	CLR	20			207	58	31	31	06		020		RD
SA	0849	CLR	20			202	69	35	18	03		019		RD
SA	0948	CLR	20			195	72	36	30	03		018	802 47	RD
SA	1049	CLR	20			189	74	34	35	05		016		RD
SA	1149	CLR	20			179	77	35	26	09		014		RD
SA	1246	CLR	20			172	77	34	20	05		012	719	RD
SA	1348	CLR	20			165	77	35	31	06		010		RD
SA	1450	CLR	20		169	161	78	35	26	09		010		RD
SA	1545	CLR	20			164	78	32	25	09		008	710 80 RADAT 40112	CG
SA	1647	CLR	20			163	75	31	24	07		007		CG
SA	1746	CLR	20			171	66	29	33	03		008		CG
SA	1846	CLR	20			181	60	28	07	05		011	307	CG
SA	1946	CLR	20			174	57	26	03	02		009		CG
SA	2046	CLR	20			175	54	24	02	03		011		CG
SA	2145	CLR	20			176	53	25	02	02		012	303 80	CG
SA	2245	CLR	20			173	51	24	03	03		011		CG
SA	2346	CLR	20			172	48	25	04	03		011		CG

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_t$# $8N_sCh\ h_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆U.S.GPO:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK, NV

DATE: OCT 20 1981

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

SURFACE WEATHER OBSERVATIONS

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 46	26.740	56.1	43.8	36	0															0	4	.000			00-01
01 58	26.740	55.1	43.0	36	0															0					01-02
02 46	26.740	48.9	40.4	48	0															0					02-03
03 50	26.740	48.0	38.8	43	0															0	4	.000			03-04
04 49	26.750	46.9	38.0	43	0															0					04-05
05 52	26.750	47.4	38.1	42	0															0					05-06
06 47	26.760	50.1	40.4	43	0															0	3	.020			06-07
07 49	26.770	57.8	45.0	36	0															0					07-08
08 49	26.765	66.6	50.2	31	0															0					08-09
09 48	26.755	72.3	53.0	26	0															0	8	.005			09-10
10 47	26.740	73.6	52.9	24	0															0					10-11
11 47	26.720	77.2	54.7	22	0															0					11-12
12 46	26.703	77.0	54.4	22	0															0	7	.055			12-13
13 48	26.680	77.2	54.6	21	0															0					13-14
14 50	26.680	78.2	55.0	21	0															0					14-15
15 45	26.670	78.4	54.1	18	0															0	7	.030			15-16
16 47	26.660	75.1	52.5	19	0															0					16-17
17 46	26.670	65.9	48.1	25	0															0					17-18
18 46	26.690	59.7	45.0	29	0															0	3	.020			18-19
19 46	26.680	56.8	43.1	31	0															0					19-20
20 46	26.690	54.1	41.7	33	0															0					20-21
21 45	26.700	52.7	40.9	34	0															0	3	.010			21-22
22 45	26.690	50.5	39.3	35	0															0					22-23
23 46	26.690	48.1	38.5	41	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	57	48	X	X						X		
	0344	1	0	0	0	57	48		0								
	0843	2	0	0	0	92	47		0								
	1542	3	0	0	0	80	72		0								
	2141	4	0	0	0	78	53		0								
	MID.	X	0	0	0	53	48	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0947	1544	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.740	26.755	26.670	26.700
BAROGRAPH 64	26.715	26.730	26.650	26.670
BAR. CORR. 65	+.025	+.025	+.020	+.030

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND: SPEED (Kts.) 71	PEAK WIND: DIRECTION 72	PEAK WIND: TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.): TOP 75	FROZEN GROUND LAYER (Ins.): BASE 76	RIVER GAGE 77	SKY COVER: SUNRISE TO SUNSET 78	SKY COVER: MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
80	47	0	0	0	15	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: 0915 OK 2116 OK

MF1-10B

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: OCT 21 1981

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°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	0046	CLR	20			171	57	25	02	06		011	603	CG
SA	0147	CLR	20			173	47	24	03	04		011		CG
SA	0246	CLR	20			173	47	28	10	04		011		CG
SA	0348	CLR	20			172	47	23	32	03		011	400 47 RADAT 31L 111 115119	JD
SA	0448	CLR	20			180	45	23	04	02		012		JD
SA	0550	CLR	20			179	45	22	34	03		013		JD
SA	0648	CLR	20			194	48	24	08	02		014	310	JD
SA	0748	CLR	20			196	57	26	12	02		016		JD
SA	0848	CLR	20			198	63	29	13	02		017		JD
SA	0950	CLR	20			196	69	31	24	03		017	108 44	JD
SA	1046	CLR	20			189	73	31	29	03		015		JD
SA	1148	CLR	20			183	76	32	21	08		014		JD
SA	1247	CLR	20			170	78	34	21	09		011	819	JD
SA	1348	CLR	20			174	77	33	25	07		011		JD
SA	1450	CLR	20			171	77	32	19	08		011		JD
SA	1549	CLR	20			168	78	30	19	05		010	803 80 RADAT 20121	CG
SA	1646	CLR	20			171	76	28	24	05		010		CG
SA	1747	CLR	20			181	66	30	07	02		011		CG
SA	1848	CLR	20			190	60	25	07	05		013	310	CG
SA	1948	CLR	20			194	58	26	05	04		015		CG
SA	2047	CLR	20			198	57	29	02	02		017		CG
SA	2146	CLR	20			198	58	25	05	07		018	217 80	CG
SA	2245	CLR	20			198	51	23	09	05		018		CG
SA	2351	CLR	20			194	61	29	05	08		018		CG

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: Iliii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dopp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh\ h_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆U.S.GPO:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION WSMO, DESERT ROCK, NV

DATE OCT 21 1981

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

SURFACE WEATHER OBSERVATIONS

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	TYPE 23	HEIGHT 24	SECOND LAYER AMT. 25	TYPE 26	HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	TYPE 30	HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	TYPE 34	HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
0046	26.690	51.7	40.1	34	0															0	6	.010			00-01
0147	26.690	46.7	37.4	41	0															0					01-02
0246	26.690	46.8	38.7	48	0															0					02-03
0348	26.690	47.0	37.2	38	0															0	4	.000			03-04
0448	26.700	44.8	36.0	41	0															0					04-05
0550	26.710	44.8	35.8	40	0															0					05-06
0648	26.720	48.4	38.2	38	0															0	3	.030			06-07
0748	26.735	56.8	43.2	31	0															0					07-08
0848	26.745	62.5	46.5	27	0															0					08-09
0950	26.745	69.1	50.0	24	0															0	1	.025			09-10
1046	26.730	73.0	51.9	22	0															0					10-11
1148	26.715	75.7	53.2	20	0															0					11-12
1247	26.690	78.0	54.6	20	0															0	8	.055			12-13
1348	26.680	77.2	54.0	20	0															0					13-14
1450	26.685	77.3	53.8	19	0															0					14-15
1549	26.680	77.9	53.4	17	0															0	8	.010			15-16
1648	26.680	76.1	52.3	17	0															0					16-17
1747	26.690	65.6	48.4	26	0															0					17-18
1848	26.710	59.7	44.1	26	0															0	3	.030			18-19
1948	26.730	57.6	43.4	29	0															0					19-20
2047	26.750	58.8	45.0	32	0															0					20-21
2146	26.760	57.5	43.2	29	0															0	2	.050			21-22
2245	26.760	53.6	40.8	30	0															0					22-23
2351	26.760	60.7	45.8	30	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	52	47	X	X						X		
	0343	1	0	0	0	53	47		0								
	0945	2	0	0	0	69	44		0								
	1544	3	0	0	0	80	69		0								
	2143	4	0	0	0	78	55		0								
	MID.	X	0	0	0	61	54	X	X								

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0949	1548	214[illegible]
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.690	26.745	26.680	26.[illegible]
BAROGRAPH 64	26.660	26.705	26.680	26.[illegible]
BAR. CORR. 65	+.030	+.040*	0	+.[illegible]

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML. TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND: SPEED (Kts.) 71	DIRECTION 72	TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.): TOP 75	BASE 76	RIVER GAGE 77	SKY COVER: SUNRISE TO SUNSET 78	MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
80	44	0	0	0	17	SW	1315					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	END 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: 0510P 1 SEC SLOW 2016 OK

* Barograph Changed 0955P 0 Corr.

MF1-10A
(10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: OCT 22 1981

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°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	0046	CLR	20			198	57	25	05	09		019	303	CG
SA	0146	CLR	20			200	62	28	02	11		020		CG
SA	0246	CLR	20			202	60	32	05	13		020		CG
SA	0350	CLR	20			204	61	29	05	10		022	207 54 RADAT 21119	JD
SA	0448	CLR	20			214	58	30	05	08		024		JD
SA	0547	CLR	20			226	57	29	02	11		026		JD
SA	0647	CLR	20			231	60	31	05	11		027	215	JD
SA	0748	CLR	20			240	63	31	04	10		029		JD
SA	0849	CLR	20			242	65	31	03	12		031		JD
SA	0949	CLR	20			237	69	33	02	10		029	008 53	JD
SA	1045	CLR	20			233	73	34	01	06		028		JD
SA	1147	CLR	20			221	74	33	06	07	615	026		JD
SA	1246	CLR	20			213	76	31	36	07		024	719	JD
SA	1350	CLR	20			200	77	32	04	04		021		JD
SA	1450	CLR	20			197	78	29	06	04		019		JD
SA	1547	CLR	20			197	77	29	10	05		019	612 79 RADAT 20131	MR
SA	1646	CLR	20			199	74	31	11	04		019		MR
SA	1745	CLR	20			207	68	29	11	08		021		MR
SA	1845	CLR	20			208	65	28	09	03		021	305	MR
SA	1946	CLR	20			214	58	24	00	00		022		MR
SA	2045	CLR	20			214	61	26	04	08		023		MR
SA	2148	CLR	20			216	61	24	09	05		024	308 79	MR
SA	2245	CLR	20			214	60	23	05	04		024		MR
SA	2349	CLR	20			215	53	22	00	00		023		MR

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh$ h_s $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆U.S.GPO:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK, NV

DATE: OCT 22 1981

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

SURFACE WEATHER OBSERVATIONS

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 46	26.770	57.1	43.0	29	0															0	3	.010			00-01
01 46	26.780	61.8	45.9	27	0															0					01-02
02 46	26.780	59.6	46.1	35	0															0					02-03
03 50	26.790	60.9	45.9	30	0															0	2	.020			03-04
04 48	26.810	57.8	44.7	34	0															0					04-05
05 47	26.825	57.2	44.2	34	0															0					05-06
06 47	26.835	60.0	46.0	33	0															0	2	.045			06-07
07 48	26.860	62.7	47.4	30	0															0					07-08
08 49	26.870	64.8	48.4	29	0															0					08-09
09 49	26.860	68.8	50.5	26	0															0	0	.025			09-10
10 45	26.850	72.9	52.5	24	0															0					10-11
11 47	26.830	73.9	52.6	23	0															0					11-12
12 46	26.805	75.5	52.9	20	0															0	7	.055			12-13
13 50	26.780	76.8	53.5	19	0															0					13-14
14 50	26.770	77.5	53.1	17	0															0					14-15
15 47	26.770	77.1	52.9	17	0															0	6	.035			15-16
16 46	26.770	73.9	52.2	21	0															0					16-17
17 45	26.780	68.1	49.0	23	0															0					17-18
18 45	26.785	65.3	47.5	24	0															0	3	.015			18-19
19 46	26.790	57.7	42.9	27	0															0					19-20
20 45	26.800	60.9	45.1	26	0															0					20-21
21 48	26.810	60.5	44.2	24	0															0	3	.025			21-22
22 45	26.810	60.2	43.8	23	0															0					22-23
23 49	26.805	52.8	39.9	29	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	65	56	X	X						X		
	0345	1	0	0	0	65	54		0								
	0944	2	0	0	0	69	53		0								
	1543	3	0	0	0	79	69		0								
	2143	4	0	0	0	78	57		0								
	MID.	X	0	0	0	61	53	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0948	1546	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.790	26.860	26.770	26.810
BAROGRAPH 64	26.795	26.860	26.760	26.795
BAR. CORR. 65	-.005	0	+.010	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	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
79	53	0	0	0	19	NE	0312					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: 0509P ON TIME / 1648P ON TIME

MF1-10A (10-78)

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

STATION: WSMO, DESERT ROCK, NV

SURFACE WEATHER OBSERVATIONS

DATE: 1981 OCT 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 (10's of deg.) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0046	CLR	20			216	50	20	00	00		023	602	MR
SA	0151	CLR	20			213	50	21	00	00		023		MR
SA	0250	CLR	20			206	57	21	05	06		022		MR
SA	0349	CLR	20			209	52	20	00	00		022	805 49 RADAT 20126	JD
SA	0450	CLR	20			211	52	19	36	05		022		JD
SA	0549	CLR	20			218	48	19	05	03		023		JD
SA	0648	CLR	20			219	57	24	04	11		024	305 1001	JD
SA	0748	CLR	20			221	62	26	04	09		024		JD
SA	0847	CLR	20			216	65	27	04	10		024		JD
SA	0949	CLR	20			210	69	28	06	03		023	803 1001 47	JD
SA	1047	CLR	20			204	73	30	25	03		021		JD
SA	1147	CLR	20			195	73	29	24	07		017		JD
SA	1247	CLR	20			180	76	29	21	09		013	729 1001	JD
SA	1349	CLR	20			171	78	29	22	08		011		JD
SA	1450	CLR	20			165	76	27	26	05		010		JD
SA	1546	CLR	20			167	76	27	24	05		010	610 1001 78 RADAT 20124	MR
SA	1649	CLR	20			164	71	24	22	04		008		MR
SA	1746	CLR	20			173	62	20	31	02		008		MR
SA	1845	CLR	20			165	60	21	07	04		007	607	MR
SA	1944	CLR	20			162	56	20	02	06		006		MR
SA	2046	CLR	20			163	56	20	04	04		007		MR
SA	2146	CLR	20			163	54	19	09	03		007	500 78	MR
SA	2245	CLR	20			158	55	20	10	02		007		MR
SA	2347	CLR	20			158	50	19	11	02		006		MR

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: Iliii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{is}$ $8N_sCh\ h_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆U.S.GPO:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION WSMO, DESERT ROCK, NV

DATE 1981 OCT 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	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.805	50.0	38.0	30	0															0	6	.005			00-01
01 51	26.800	50.0	38.3	32	0															0					01-02
02 50	26.790	57.0	41.9	24	0															0					02-03
03 49	26.790	51.9	39.1	28	0															0	8	.015			03-04
04 50	26.790	52.0	38.9	27	0															0					04-05
05 49	26.795	48.3	36.9	31	0															0					05-06
06 48	26.805	57.1	42.6	27	0	0	Ci	300												0	3	.015			06-07
07 48	26.810	62.0	45.5	25	0															0					07-08
08 47	26.805	65.0	47.3	24	0															0					08-09
09 49	26.795	68.9	49.3	22	0	0	Ci	250												0	8	.010			09-10
10 47	26.780	73.1	51.4	20	0															0					10-11
11 47	26.750	72.7	51.1	20	0															0					11-12
12 47	26.710	75.8	52.4	18	0	0	Ci	250												0	7	.085			12-13
13 49	26.690	77.5	53.1	17	0															0					13-14
14 50	26.680	76.3	52.0	16	0															0					14-15
15 46	26.680	75.8	51.9	17	0	0	Ci	250												0	6	.030			15-16
16 49	26.665	70.9	49.0	17	0															0					16-17
17 46	26.670	62.1	44.1	19	0															0					17-18
18 45	26.660	60.1	43.3	21	0															0	6	.020			18-19
19 44	26.650	56.1	41.1	24	0															0					19-20
20 46	26.660	55.5	40.8	24	0															0					20-21
21 46	26.660	53.9	39.9	25	0															0	5	.000			21-22
22 45	26.655	54.8	40.6	26	0															0					22-23
23 47	26.650	50.3	37.9	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	58	49	X	X						X		
	0344	1	0	0	0	61	49		0								
	0945	2	0	0	0	69	47		0								
	1543	3	0	0	0	78	69		0								
	2143	4	0	0	0	76	54		0								
	MID.	X	0	0	0	55	50	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1545	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.790	26.795	26.680	26.660
BAROGRAPH 64	26.780	26.785	26.675	26.655
BAR. CORR. 65	+.010	+.010	+.005	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (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
78	47	0	0	0	14	SW	1506*					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: 0514P 1 SEC SLOW / 1748P ONE SEC SLOW

* LAST OF SEVERAL OCCURANCES

MF1-10A
(10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 OCT 24

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY (SMI) SURFACE (4)	VISIBILITY (SMI) TOWER (4)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (6)	TEMP (7)	DEW PT (8)	WIND DIRECTION (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0047	CLR	20			154	48	18	00	00		005	807	MR
SA	0147	CLR	20			148	46	17	07	02		003		MR
SA	0250	CLR	20			147	43	16	00	00		002		MR
SA	0349	CLR	20			142	45	18	00	00		002	712 43 RADAT 20127	JD
SA	0449	CLR	20			142	44	17	11	02		002		JD
SA	0548	250 -SCT	20			146	42	19	11	04		999		JD
SA	0648	250 -OVC	20			145	46	19	13	03		999	605 1007	JD
SA	0748	250 -OVC	20			144	52	13	07	02		999		JD
SA	0848	250 SCT 300 -OVC	20			132	60	14	11	02		997		JD
SA	0949	250 SCT 300 -OVC	20			124	66	16	22	03		996	812 1007 42	JD
SA	1047	250 SCT 300 -OVC	20			113	69	19	19	06		993		JD
SA	1149	E 290 OVC	20			098	72	20	22	10		988		JD
SA	1248	E 290 OVC	20			085	73	21	24	12		985	734 1007	JD
SA	1348	E 290 OVC	20			076	74	23	23	14		952		JD
SA	1450	290 -OVC	20			073	75	22	28	11		981		JD
SA	1546	300 -OVC	20			070	74	17	30	15	623	980	614 1007 76 RADAT 37143	MR
SA	1651	300 -OVC	20			071	69	19	28	03		980		MR
SA	1752	300 -OVC	20			078	64	17	31	04		980		MR
SA	1847	300 -OVC	20			077	62	18	07	02		980	500 1007	MR
SA	1947	300 -BKN	20			078	58	16	00	00		981		MR
SA	2049	300 -BKN	20			085	58	20	05	04		984		MR
SA	2150	CLR	20			091	56	20	05	07		986	319 1008 76	MR
SA	2249	CLR	20			094	55	21	06	07		988		MR
SA	2347	CLR	20			095	59	25	05	14		989		MR

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dgopp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh\ h_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆U.S.GPO:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION WSMO, DESERT ROCK, NV

DATE 1981 OCT 24

To convert LST to GMT ADD 6 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	26.640	47.7	36.3	30	0															0	8	.020			00-01
01 47	26.620	45.8	35.1	31	0															0					01-02
02 50	26.615	43.3	33.5	33	0															0					02-03
03 49	26.605	45.3	35.0	33	0															0	7	.035			03-04
04 49	26.610	44.0	34.1	33	0															0					04-05
05 48	26.590	41.7	32.8	37	1															0					05-06
06 48	26.590	46.2	35.7	33	10	10	Cs	250												2	6	.015			06-07
07 48	26.590	51.9	37.5	21	10															2					07-08
08 48	26.570	60.0	41.9	16	10															1					08-09
09 49	26.555	65.8	45.0	14	10	2	C.	250	10	Cs	300	10								2	8	.035			09-10
10 47	26.530	68.5	46.9	15	10															3					10-11
11 49	26.490	72.4	48.8	14	10															9					11-12
12 48	26.455	72.9	49.2	14	10	0	Ci	230	10	Cs	E290	10								8	7	.100			12-13
13 48	26.430	73.9	50.0	14	10															8					13-14
14 50	26.420	75.3	50.5	14	10															4					14-15
15 46	26.415	74.0	49.0	12	10	10	Cs	300												5	6	.040			15-16
16 51	26.410	68.6	46.8	15	10															4					16-17
17 52	26.415	64.2	44.5	16	10															3					17-18
18 47	26.415	61.9	43.6	18	10	10	Cs	300												3	5	.000			18-19
19 47	26.420	58.0	41.3	19	7															2					19-20
20 49	26.450	57.8	42.0	23	7															2					20-21
21 50	26.470	55.5	40.9	25	0	0	Cs	300												0	3	.055			21-22
22 49	26.485	55.4	41.0	26	0															0					22-23
23 47	26.495	59.3	43.9	26	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	50	43	X	X						X		
	0345	1	0	0	0	55	43		0								
	0944	2	0	0	0	66	42		0								
	1542	3	0	0	0	76	66		0								
	2143	4	0	0	0	74	55		0								
	MID.	X	0	0	0	60	55	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1545	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.605	26.555	26.415	26.470
BAROGRAPH 64	26.595	26.555	26.395	26.450
BAR. CORR. 65	+.010	0	+.020	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
76	42	0	0	0	24	NW	1520					9	6		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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: 0525 P ON TIME / 2153 P ON TIME

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 OCT 25

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0047	CLR	20			105	58	26	05	11		992	317	MR
SA	0145	CLR	20			104	57	26	04	14		992		MR
SA	0250	CLR	20			105	58	27	05	11	G19	992		MR
SA	0348	CLR	20			116	57	27	04	10		995	310 55 RADAT 20153	SH
SA	0445	CLR	20			127	55	27	04	11		997		SH
SA	0547	300 - SCT	20			140	51	27	05	08		999		SH
SA	0647	300 - SCT	20			145	54	27	03	11		002	219 1001	SH
SA	0746	300 - SCT	20			153	59	28	04	09		004		SH
SA	0845	300 - SCT	20			152	62	29	06	10		004		SH
SA	0947	300 - SCT	20			151	65	28	03	13		004	108 1001 51	SH
SA	1045	300 - SCT	20			144	69	30	13	10		003		SH
SA	1147	CLR	20			133	71	27	13	08		000	FEW CI	SH
SA	1247	300 - SCT	20			125	71	28	14	10		997	720 1001	SH
SA	1347	300 - SCT	20			122	72	27	14	07		997		SH
SA	1446	300 - SCT	20			120	72	26	16	06		996		SH
SA	1549	300 - BKN	20			116	71	27	14	07		996	807 1001 73	JC
/													RADAT 20148	/
SA	1650	300 - BKN	20			119	69	28	13	06		996		JC
SA	1746	300 - SCT	20			128	62	28	15	07		997		JC
SA	1850	300 - SCT	20			128	60	25	13	06		997	203 1001	JC
SA	1949	CLR	20			134	58	24	12	05		999		JC
SA	2050	CLR	20			138	57	24	08	05		000		JC
SA	2147	CLR	20			142	53	24	07	05		001	114 1001 73	JC
SA	2250	CLR	20			144	53	25	36	02		002		JC
SA	2347	CLR	20			144	50	27	12	07		002		JC

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: Iliii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_ts$ $8N_sCh\ h_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆U.S.GPO:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION WSMO, DESERT ROCK, NV

DATE 1981 OCT 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	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	26.520	57.6	43.4	29	0															0	3	.050			00-01
01 45	26.520	57.1	43.1	29	0															0					01-02
02 50	26.525	57.9	43.8	30	0															0					02-03
03 48	26.550	57.4	43.7	31	0															0	3	.030			03-04
04 45	26.570	55.4	42.7	33	0															0					04-05
05 47	26.590	51.1	40.7	40	3															0					05-06
06 47	26.605	53.7	41.8	35	3	3	CI	300												0	2	.055			06-07
07 46	26.630	58.7	44.6	31	2															0					07-08
08 45	26.630	62.3	46.7	29	1															0					08-09
09 47	26.630	65.0	47.6	25	1	1	CI	300												0	1	.025			09-10
10 45	26.615	68.6	49.6	24	1															0					10-11
11 47	26.595	71.2	50.0	19	0															0					11-12
12 47	26.570	70.8	50.0	20	1	1	CI	300												0	7	.060			12-13
13 47	26.565	71.6	50.2	19	1															0					13-14
14 46	26.560	72.3	50.2	18	5															1					14-15
15 49	26.550	71.2	50.0	19	7	7	CI	300												0	8	.020			15-16
16 50	26.550	68.5	48.9	21	9															1					16-17
17 46	26.560	62.3	46.2	27	5															0					17-18
18 50	26.560	58.8	44.2	26	2	2	CI	300												0	2	.010			18-19
19 49	26.580	58.4	43.4	26	0															0					19-20
20 50	26.590	57.4	42.9	27	0															0					20-21
21 47	26.600	53.1	40.8	32	0	0	CI	300												0	1	.040			21-22
22 50	26.610	52.7	40.8	34	0															0					22-23
23 47	26.610	49.7	39.7	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	59	57	X	X						X		
	0344	1	0	0	0	60	55		0								
	0943	2	0	0	0	65	51		0								
	1545	3	0	0	0	73	64		0								
	2145	4	0	0	0	72	53		0								
	MID.	X	0	0	0	53	49	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0945	1547	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26550	26630	26530	26600
BAROGRAPH 64	26540	26620	26570	26593
BAR. CORR. 65	+.010	+.010*	+.010	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
73	49	0	0	0	22	NE	0156					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: 0730 - OK ON TIME 1921P

* BAROGRAM SET TO "0" CORRECTION 0951P

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 OCT 26

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVERS INITIALS (14)
SA	0048	CLR	20			145	48	24	09	06		002	103	JC
SA	0142	CLR	20			142	47	24	07	05		001		JC
SA	0244	CLR	20			142	44	23	01	02		001		JC
SA	0348	CLR	20			145	45	24	02	05		002	502 44 RADAT 20142	SH
SA	0446	CLR	20			148	45	25	00	00		002		SH
SA	0547	250 - SCT	20			156	44	24	04	04		003		SH
SA	0648	250 - BKN	20			161	45	24	04	05		004	208 1001	SH
SA	0745	250 - BKN	20			159	54	26	04	03		005		SH
SA	0848	250 - BKN	20			161	60	27	25	03		006		SH
SA	0947	250 - BKN	20			161	65	26	01	05		006	107 1008 43	SH
SA	1045	250 - BKN	20			153	69	29	13	07		005		SH
SA	1147	250 - BKN	20			142	73	27	13	10		002		SH
SA	1246	250 - OVC	20			136	73	27	13	12		999	720 1007	SH
SA	1346	250 - OVC	20			127	76	27	20	18		997		SH
SA	1447	250 - OVC	20			129	75	24	21	16		997		SH
SA	1549	150 SCT 250 - OVC	20			127	72	27	14	07		997	610 103177	JC
/													RADAT 20135	/
SA	1648	E150 BKN 250 OVC	20			129	68	30	16	08		997		JC
SA	1747	E150 BKN 250 OVC	20			131	64	27	15	06		997		JC
SA	1851	E120 BKN 250 OVC	20			131	64	25	17	10		997	400 1071	JC
SA	1945	150 SCT 250 - SCT	20			130	63	24	09	04		998		JC
SA	2048	250 - SCT	20			136	62	25	11	05		000		JC
SA	2149	150 SCT	20			134	60	26	15	03		000	110 1070 77	JC
SA	2246	150 SCT	20			134	55	25	06	04		000		JC
SA	2345	E150 BKN	20			129	54	25	02	08		999		JC

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{is}$ $8N_sCh\ h_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆U.S.GPO:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 OCT 26

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.610	48.0	35.0	38	0															0	1	.010			00-01
01 45	26.600	47.3	37.6	39	0															0					01-02
02 44	26.600	44.3	35.8	43	0															0					02-03
03 48	26.605	44.6	36.2	44	0															0	5	.005			03-04
04 46	26.610	45.0	36.7	45	0															0					04-05
05 47	26.620	44.2	36.0	45	4															1					05-06
06 48	26.630	45.2	36.5	43	6	6	Ci	250												1	2	.025			06-07
07 45	26.640	54.4	42.0	34	8															1					07-08
08 48	26.650	60.0	44.8	28	8															1					08-09
09 47	26.650	64.5	46.8	23	8	8	CS	250												2	1	.020			09-10
10 45	26.635	68.6	49.4	23	7															1					10-11
11 47	26.610	72.7	50.4	18	7															2					11-12
12 46	26.590	73.0	50.8	18	10	10	CS	250												4	7	.060			12-13
13 46	26.570	76.3	52.0	16	10															3					13-14
14 47	26.570	74.6	50.7	15	10															5					14-15
15 49	26.560	71.6	50.2	19	10	4	Ac	150	10	Ci	250	10								3	6	.030			15-16
16 48	26.560	67.7	49.1	24	10															8					16-17
17 47	26.560	64.4	47.0	25	10															9					17-18
18 51	26.560	64.2	46.2	22	10	7	Ac	150	3	Ci	250	10								9	4	.000			18-19
19 45	26.570	62.8	45.3	22	5															2					19-20
20 48	26.580	61.7	45.0	24	2															0					20-21
21 49	26.590	60.2	44.6	27	2	2	Ac	150												2	1	.030			21-22
22 46	26.590	55.2	42.0	31	1															1					22-23
23 45	26.580	54.0	41.5	33	7															5					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	50	44	X	X						X		
	0344	1	0	0	0	53	44		0								
	0943	2	0	0	0	65	43		0								
	1545	3	0	0	0	77	64		0								
	2145	4	0	0	0	73	60		0								
	MID.	X	0	0	0	61	53	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0945	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.605	26.650	26.560	26.570
BAROGRAPH 64	26.600	26.655	26.560	26.580
BAR. CORR. 65	+.005	-.005	±0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
77	43	0	0	0	24	S	*1513					8	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: 0745P - OK 1915P ON TIME

* LAST OF SEVERAL OCCURRENCES

MF1-10A
(10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 OCT 27

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (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	E120 ~~BKN~~ OVC	20			125	61	28	33	04		999	703 1071	JC
SA	0147	E120 BKN 250 OVC	20			120	55	27	01	08		997		JC
SA	0246	E120 BKN 250 OVC	20			121	54	26	02	10		997		JC
SA	0348	120 SCT E250 BKN	20			124	54	25	05	08		997	505 1078 53	SH
	—		—			—						—	RADAT 22123	—
SA	0446	120 SCT E250 BKN	20			128	53	24	03	06		997		SH
SA	0545	120 SCT 250 -BKN	20			137	50	24	03	07		998		SH
SA	0647	250 SCT	20			140	50	25	07	05		999	208 1008	SH
SA	0747	250 -BKN	20			140	58	28	26	03		001		SH
SA	0845	250 -BKN	20			142	62	29	27	03		002		SH
SA	0947	250 -BKN	20			142	67	29	29	04		003	108 1008 48	SH
SA	1045	250 -BKN	20			134	70	28	17	08		999		SH
SA	1146	250 -BKN	20			121	75	23	22	14	G24	996		SH
SA	1248	250 -BKN	20			109	77	25	19	20		994	725 1008	SH
SA	1347	E250 BKN	20			109	74	22	20	16	G23	993		SH
SA	1445	E250 BKN	20			110	75	21	19	11	G25	993		SH
SA	1549	250 -BKN	20			106	74	19	20	18	G27	992	707 1008 78	JC
/													RADAT 28125	/
SA	1647	250 -BKN	20			110	69	22	20	14	G20	992	ACSL SE	JC
SA	1749	250 -BKN	20			115	67	25	20	14	G19	993	FEW AC	JC
SA	1845	250 -SCT	20			115	67	24	20	12	G18	993	203 1071	JC
SA	1950	150 SCT E250 BKN	20			107	67	30	19	16	G24	992		JC
SA	2046	150 SCT 250 SCT	20			110	66	35	20	16	G23	993		JC
SA	2149	250 -SCT	20			108	65	36	18	14	G23	993	500 1001 78	JC
SA	2247	CLR	20			105	65	33	21	13	G24	993		JC
SA	2348	CLR	20			105	65	33	20	19	G25	993		JC

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh$ h_s $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆U.S.GPO:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 OCT 27

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.580	60.7	45.4	28	10	10	Ac	E120												10	7	.010			00-01
01 47	26.560	55.3	42.5	33	16															8					01-02
02 46	26.560	53.8	41.6	34	10															10					02-03
03 48	26.565	54.2	41.7	33	7	5	Ac	120	2	CS	E250	7								6	5	.015			03-04
04 44	26.570	53.0	40.7	32	7															6					04-05
05 45	26.580	49.7	39.0	36	8															1					05-06
06 47	26.590	50.4	39.7	37	4	4	CS	250												3	2	.025			06-07
07 47	26.600	57.6	44.0	32	6															2					07-08
08 45	26.610	62.4	46.5	28	8															3					08-09
09 47	26.615	66.5	48.4	24	8	8	CS	250												3	1	.025			09-10
10 45	26.590	70.4	49.8	20	7															3					10-11
11 46	26.560	75.2	50.7	14	8															3					11-12
12 48	26.540	76.7	51.7	14	9	9	CS	250												4	7	.075			12-13
13 47	26.530	74.3	50.0	14	7															6					13-14
14 45	26.530	74.6	50.0	13	6															4					14-15
15 49	26.520	73.7	49.3	13	8	8	CS	250												3	7	.020			15-16
16 47	26.520	69.0	47.8	17	6															2					16-17
17 49	26.530	63.2	47.8	20	6															1					17-18
18 45	26.530	66.6	47.1	20	5	0	Ac	150	5	Ci	250	5								2	2	.010			18-19
19 50	26.520	67.0	48.8	25	6															4					19-20
20 46	26.530	65.7	50.0	32	4															3					20-21
21 49	26.530	65.2	50.0	33	1	1	Ci	250												0	5	.000			21-22
22 47	26.530	65.1	49.0	30	0															0					22-23
23 48	26.530	64.9	48.8	30	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344		0	0		61	53										
	0344	1	0	0	0	61	53		0								
	0942	2	0	0	0	67	48		0								
	1545	3	0	0	0	78	66		0								
	2145	4	0	0	0	74	65		0								
	MID.		0	0	0	66	64										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0942	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.565	26.615	26.520	26.530
BAROGRAPH 64	26.560	26.605	26.520	26.525
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 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
78	48	0	0	0	28	5	2217					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: 0745P - OK 2145P SUNTIME

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 OCT 28

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY Miles (4) SURFACE	VISIBILITY Miles (4) TOWER	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (6)	TEMP. °F (7)	DEW PT. °F (8)	WIND DIRECTION (9)	WIND SPEED Kts. (10)	WIND CHARACTER (11)	ALTIMETER SETTING Ins. (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. INITIALS (14)
SA	0050	25G SCT	20			094	65	34	17	12G22		992	803 1001	JC
SA	0144	E250 BKN	20			101	64	34	18	15G21		992		JC
SA	0245	150 SCT E250 OVC	20			096	64	37	18	14G28		991		JC
SA	0350	170 SCT E300 OVC	20			096	64	34	19	18G24		991	603 1047 63 RADAT 67107	RK
SA	0454	170 SCT E300 OVC	20			103	62	34	18	16G23		992		RK
SA	0552	80 SCT 170 SCT E300 OVC	20			105	62	37	21	10		992		RK
SA	0646	80 SCT 170 SCT	20			098	63	36	22	06		990	803 1530	RK
SA	0747	80 SCT E170 BKN	20			101	63	37	20	10G17		991		RK
SA	0847	80 SCT E170 BKN	20			096	67	37	20	17G25		990		RK
SA	0945	80 SCT E170 BKN	20			090	70	36	22	16G22		988	805 1540 6Z	RK
SA	1047	70 SCT E170 BKN	20			085	70	34	20	21G36		987	PK WND 1838/01	RK
SA	1147	70 SCT 150 SCT	20			068	70	38	21	27G38		982	PK WND 2038/38	RK
SA	1245	70 SCT 150 SCT	20			065	71	37	20	26G35		981	PK WND 2040/07 622 1240	RK
SA	1345	E70 BKN 150 BKN	20		RW-	063	67	39	20	22G29		980	PK WND 1836/17 RB44	RK
SA	1451	E60 BKN	20			065	63	44	22	15G30		980	PK WND 1836/01 RE45	RK
SA	1549	E70 BKN	20			061	63	43	21	21G33		979	PK WND 2137/11 / 28205	JC
/													1200 72 RADAT 80089	/
SA	1648	70 SCT E100 BKN	20			056	61	44	21	18G28		977		JC
SA	1747	70 SCT E100 BKN	20			057	59	41	20	15G25		977		JC
SA	1848	70 SCT E100 BKN	20			060	57	44	21	20G34		978	PK WND 2138/37 / 503	JC
/													1270	/
SA	1946	70 SCT 100 SCT	20			057	56	43	21	18G30		977		JC
SA	2049	100 SCT	20			056	55	39	20	21G30		977		JC
SA	2149	CLR	20			045	55	36	21	21G34		974	810 72	JC
SA	2247	CLR	20			045	54	33	23	21G32		974		JC
SA	2347	CLR	20			048	53	31	21	19G34		974		JC

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dopp $6P_oP_oP_oP_o$ $7RRR_{is}$ $8N_sCh\ h_s$ $9S_pS_pspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆U.S.GPO:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 OCT 28

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

CLOUDS AND OBSCURING PHENOMENA

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	26.520	65.0	48.9	3.0	1	1	Ci	250												1	8	.010			00-01
01 44	26.520	64.0	48.8	3.2	6															4					01-02
02 45	26.510	63.5	49.9	38	10															10					02-03
03 50	26.510	63.5	48.5	33	10	3	Ac	170	10	Cs	E300	10								8	6	.010			03-04
04 54	26.520	62.0	48.0	35	10															8					04-05
05 52	26.520	61.8	48.8	39	10															8					05-06
06 46	26.500	62.9	49.0	36	5	1	Sc	80	4	Ac	170	5								5	8	.010			06-07
07 47	26.510	63.1	49.6	38	7															7					07-08
08 47	26.500	66.9	51.1	33	7															7					08-09
09 45	26.485	69.8	51.9	28	6	1	Sc	80	5	Ac	E170	6								6	8	.015			09-10
10 47	26.475	70.3	51.5	26	6															6					10-11
11 47	26.430	70.1	53.0	31	3															3					11-12
12 45	26.420	71.3	53.1	29	4	2	Cu	70	2	Ac	150	4								4	6	.065			12-13
13 45	26.410	67.2	52.2	36	8															8					13-14
14 51	26.410	62.8	52.5	51	9															9					14-15
15 49	26.400	62.9	51.7	47	9	9	Cu	E70												9	7	.020			15-16
16 48	26.380	60.5	51.2	54	9															9					16-17
17 47	26.380	58.8	49.2	51	8															7					17-18
18 48	26.390	57.3	49.9	61	6	2	Cu	70	6	Ac	E700	6								5	5	.010			18-19
19 46	26.385	56.0	49.2	62	4															3					19-20
20 49	26.380	55.3	46.7	53	3															2					20-21
21 49	26.360	55.1	45.6	49	0															0	8	.030			21-22
22 45	26.360	54.4	44.1	44	0															0					22-23
23 47	26.360	53.3	43.0	43	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347	X	0	0	X	65	63	X	X						X		
	0347	1	0	0	0	66	63		0								
	0942	2	0	0	0	70	62		0								
	1545	3	.05	0	0	72	62		1								
	2145	4	0	0	0	63	55		0								
	MID.	X	0	0	0	55	53	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0945	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.510	26.485	26.400	26.360
BAROGRAPH 64	26.510	26.485	26.400	26.360
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
72	53	.05	0	0	40	5	1207					6	6		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1344	1445			

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: 0812 PST OK ON TIME 1925P

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NM

DATE: 1981 OCT 29

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (4)	VISIBILITY Miles: SURFACE (14)	VISIBILITY Miles: TOWER (42)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. Mbs. (6)	TEMP °F (7)	DEW PT. °F (8)	WIND DIRECTION (10-36) (9)	WIND SPEED Kts. (10)	WIND CHARACTER (11)	ALTIMETER SETTING Ins. (12)	REMARKS AND SUPPLEMENTAL CODED DATA (18)	OBSERVERS INITIALS (19)
SA	0049	CLR	20			054	53	37	20	14	G22	977	307	JC
SA	0146	CLR	20			058	50	31	25	10		977		JC
SA	0245	CLR	20			066	49	33	21	11		978		JC
SA	0345	CLR	20			060	49	32	24	09		976	802 49 20005 MDAT 30053	RK
SA	0445	CLR	20			068	48	31	19	12		978		RK
SA	0545	CLR	20			076	46	30	23	12		980		RK
SA	0645	CLR	20			069	49	29	22	14		978	005 1140	RK
SA	0745	CLR	20			078	52	27	20	18	G23	981		RK
SA	0845	CLR	20			085	54	26	23	15	G24	983		RK
SA	0945	CLR	20			094	56	25	22	15	G23	986	325 1240 47 [illegible]	RK
SA	1045	CLR	20			098	57	25	21	15	G20	987		RK
SA	1148	60 SCT 100 SCT	20			097	59	27	25	13	G19	987		RK
SA	1247	60 SCT	20			090	60	27	25	08		985	803 1200	RK
SA	1345	60 SCT	20			091	60	24	23	10		985	VIRGA DSNT ~~AE~~ NW	RK
SA	1452	E60 BKN	20		~~RW~~	100	54	37	33	11		986	RB36E49	RK
SA	1548	E60 BKN	20			105	53	33	15	07		988	VIRGA SE-SW 30800	LEF
—													1200 61 RADAT 75076	—
SA	1645	60 SCT	20			113	53	31	05	04		990	VIRGA DSNT SE	LEF
SA	1748	60 SCT	20			126	49	27	33	06		993		LEF
SA	1845	CLR	20			133	51	21	36	13		996	224	LEF
SA	1948	CLR	20			144	49	18	34	20		999		LEF
SA	2045	CLR	20			154	49	17	34	14		002		LEF
SA	2145	CLR	20			168	48	16	33	10		006	232 61	LEF
SA	2245	CLR	20			175	46	16	35	11		008		LEF
SA	2349	CLR	20			179	44	19	03	06		009		LEF

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dopp $6P_oP_oP_oP_o$ $7RRR_{rs}$ $8N_sCh\ h_s$ $9S_pS_pspso$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆U.S.GPO:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 OCT 29

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.380	52.5	41.2	32	0															0	3	.020			00-01
01 46	26.380	49.8	41.3	49	0															0					01-02
02 45	26.390	48.0	41.2	55	0															0					02-03
03 45	26.375	49.2	41.1	50	0															0	8	.005			03-04
04 48	26.390	47.9	40.1	51	0															0					04-05
05 45	26.410	46.1	38.9	52	0															0					05-06
06 45	26.390	48.8	40.0	46	0	0	Cu	60	0	Ac	120	0								0	0	.015			06-07
07 45	26.420	52.3	41.1	37	0															0					07-08
08 45	26.440	53.9	41.8	34	0															0					08-09
09 45	26.465	56.0	42.5	30	0	0	Cu	60	0	Ac	120	0								0	3	.075			09-10
10 45	26.475	57.0	43.0	29	0															0					10-11
11 48	26.475	58.9	44.4	29	2															2					11-12
12 47	26.455	59.5	44.6	28	2	2	Cu	60												2	8	.010			12-13
13 45	26.455	60.3	44.1	23	4															4					13-14
14 52	26.470	53.9	45.5	53	8															8					14-15
15 48	26.480	53.3	43.5	45	8	8	Cu	E60												8	3	.025			15-16
16 45	26.500	52.7	42.7	43	4															4					16-17
17 48	26.525	48.8	39.5	43	1															1					17-18
18 45	26.550	50.9	38.8	31	0															0	2	.070			18-19
19 48	26.580	49.3	37.1	28	0															0					19-20
20 45	26.610	48.7	36.6	28	0															0					20-21
21 45	26.645	48.4	36.4	27	0															0	2	.095			21-22
22 45	26.665	46.4	35.2	29	0															0					22-23
23 49	26.675	44.3	34.8	36	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0342	X	0	0	X	53	49	X	X						X		
	0342	1	0	0	0	55	49		0								
	0942	2	0	0	0	56	46		0								
	1543	3	T	0	0	61	53		0								
	2140	4	0	0	0	53	48		0								
	MID.	X	0	0	0	48	44	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0945	1547	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.375	26.465	26.480	26.645
BAROGRAPH 64	26.375	26.465	26.480	26.645
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
61	44	T	0	0	36	NW	2006					3	1		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1436	1449			

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: 0903 PST OK 1903 OK

*BAROGRAM CHANGED RESET TO ZERO

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 OCT 30

TO CONVERT LST TO GMT ADD 8 hrs SUBTRACT ____ hrs

TYPE	TIME (LST)	SKY AND CEILING	VISIBILITY (Miles) SURFACE	VISIBILITY (Miles) TOWER	WEATHER AND OBSTRUCTIONS TO VISION	SEA LEVEL PRESS. (Mbs)	TEMP. (°F)	DEW PT. (°F)	WIND DIRECTION (10-6)	WIND SPEED (Kts)	WIND CHARACTER	ALTIMETER SETTING	REMARKS AND SUPPLEMENTAL CODED DATA	OBSERVER'S INITIALS
1	2	3	3	4	5	6	7	8	9	10	11	12	13	14
SA	0045	CLR	20			183	44	21	02	10		011	214	LGF
SA	0146	CLR	20			190	44	19	04	14		013		LGF
SA	0245	CLR	20			201	41	20	05	04		014		LGF
SA	0348	CLR	20			211	41	17	05	06		017	222 41 RADAT 42064	RK
SA	0445	CLR	20			216	40	21	03	08		018		RK
SA	0545	CLR	20			226	39	21	35	06		020		RK
SA	0645	CLR	20			230	43	21	05	07		023	217	RK
SA	0745	CLR	20			241	48	20	10	13		026		RK
SA	0849	CLR	20			245	50	19	08	10		027		RK
SA	0946	CLR	20			246	53	17	02	12		028	117 39	RK
SA	1045	CLR	20			250	54	19	07	10		029		RK
SA	1146	CLR	20			245	56	15	03	12		027		RK
SA	1247	CLR	20			238	59	14	05	11G~~24~~ 21		026	807	RK
SA	1347	CLR	20			238	60	13	02	15G20		026		RK
SA	1452	CLR	20			243	60	15	~~20~~ 02	15G20		027		RK
SA	1545	CLR	20			248	58	17	03	18		028	307 61 RADAT 40077	LGF
SA	1649	CLR	20			258	56	17	01	16		031		LGF
SA	1750	CLR	20			269	53	24	03	16		033		LGF
SA	1847	CLR	20			279	51	19	04	12		037	225	LGF
SA	1946	CLR	20			288	50	19	06	10		040		LGF
SA	2045	CLR	20			295	48	23	02	16		042		LGF
SA	2149	CLR	20			300	48	23	02	17		044	220 61	LGF
SA	2246	CLR	20			301	47	~~20~~ 19	01	15		044		LGF
SA	2346	CLR	20			309	44	21	36	07		046		LGF

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh$ h_s $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆U.S.GPO:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1981 OCT 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	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 45	26.685	44.0	35.0	39	0															0	2	040			00-01
01 46	26.705	43.6	34.4	37	0															0					01-02
02 45	26.720	41.0	33.0	42	0															0					02-03
03 48	26.750	40.5	32.1	38	0															0	2	065			03-04
04 45	26.760	40.2	33.0	46	0															0					04-05
05 45	26.775	38.7	32.1	49	0															0					05-06
06 45	26.800	43.0	34.4	40	0															0	2	050			06-07
07 45	26.830	47.5	36.8	34	0															0					07-08
08 49	26.840	50.2	37.9	29	0															0					08-09
09 46	26.850	52.7	38.9	24	0															0	1	050			09-10
10 45	26.855	53.9	39.8	25	0															0					10-11
11 46	26.840	56.0	40.0	19	0															0					11-12
12 47	26.830	59.2	41.5	17	0															0	8	020			12-13
13 47	26.830	59.9	41.6	15	0															0					13-14
14 52	26.840	59.7	41.9	17	0															0					14-15
15 45	26.850	58.4	41.6	20	0															0	3	020			15-16
16 49	26.870	55.8	40.4	21	0															0					16-17
17 50	26.890	53.1	40.6	32	0															0					17-18
18 47	26.925	51.0	38.5	28	0															0	2	075			18-19
19 46	26.950	50.3	38.0	29	0															0					19-20
20 45	26.970	48.1	37.9	37	0															0					20-21
21 49	26.985	47.7	37.7	38	0															0	2	060			21-22
22 46	26.990	47.0	36.5	33	0															0					22-23
23 46	27.010	44.0	35.0	39	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	44	41	X	X						X		
	0345	1	0	0	0	48	41		0								
	0943	2	0	0	0	53	39		0								
	1540	3	0	0	0	61	53		0								
	2144	4	0	0	0	58	48		0								
	MID.	X	0	0	0	48	44	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0946	1544	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.750	26.850	26.850	26.985
BAROGRAPH 64	26.750	26.855	26.855	26.990
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
61	39	0	0	0	25	N	1354					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: 0855 OK 2331 - OK

MF1-10B

MF1-10A (10-78)

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

STATION: WSMO, DESERT ROCK, NM

DATE: 1991 OCT 31

TO CONVERT LST TO GMT: ADD 5 hrs. SUBTRACT ____ hrs.

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (7)	DEW PT. (8)	WIND DIRECTION (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. INITIALS (14)
SA	0046	CLR	20			315	44	21	01	18		048	2145	LEF
SA	0146	CLR	20			318	44	19	05	07		049		LEF
SA	0249	CLR	20			317	46	22	07	13		049		LEF
SA	0353	CLR	20			324	45	18	03	10		051	108 44 RADAT 25120	RK
SA	0445	CLR	20			322	42	22	02	11		051		RK
SA	0545	CLR	20			331	42	22	03	12		052		RK
SA	0645	CLR	20			338	45	22	04	12		054	308	RK
SA	0745	CLR	20			340	48	18	04	11		055		RK
SA	0848	CLR	20			342	53	18	04	12		056		RK
SA	0945	CLR	20			336	57	15	09	14		055	003 1001 42	RK
SA	1045	CLR	20			333	59	16	05	10		054		RK
SA	1146	CLR	20			318	61	14	12	16		049		RK
SA	1248	CLR	20			305	64	13	13	15		046	727 1001	RK
SA	1345	CLR	20			294	67	11	11	16G22		044		RK
SA	1450	CLR	20			290	68	11	12	17		043	PK WND 1236/31	RK
SA	1545	CLR	20			285	65	16	10	16		041	715 1001 68 RADAT 28137	LEF
SA	1646	CLR	20			288	62	18	11	12		041		LEF
SA	1746	CLR	20			297	59	15	11	13		043		LEF
SA	1845	CLR	20			297	58	17	07	11		044	307	LEF
SA	1945	CLR	20			296	58	20	08	11		044		LEF
SA	2046	CLR	20			295	56	23	02	12		044		LEF
SA	2147	CLR	20			297	55	26	03	14		045	303 68	LEF
SA	2245	CLR	20			294	54	25	02	13		044		LEF
SA	2345	CLR	20			294	55	25	03	14		045		LEF

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: Iliii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{is}$ $8N_sCh\ h_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S. GPO:1980-0-665-115/1108

MF1-10B
(2-79)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION [illegible], DESERT ROCK, NV

DATE 1981 OCT 31

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

SURFACE WEATHER OBSERVATIONS

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 46	27.030	43.8	35.0	40	0															0	~~8~~ 5	045			00-01
01 46	27.040	44.4	34.8	36	0															0					01-02
02 49	27.040	45.8	36.4	39	0															0					02-03
03 53	27.055	45.3	37.0	33	0															0	1	025			03-04
04 45	27.055	42.3	34.3	44	0															0					04-05
05 45	27.065	41.7	34.0	45	0															0					05-06
06 45	27.080	45.0	35.9	40	0															0	3	025			06-07
07 45	27.090	47.5	36.4	31	0															0					07-08
08 45	27.100	53.2	39.3	25	0															0					08-09
09 45	27.090	57.0	40.6	19	0	0	Cu	250												0	0	010			09-10
10 45	27.080	59.2	41.8	18	0															0					10-11
11 46	27.040	61.0	42.3	15	0															0					11-12
12 48	27.010	63.7	43.6	13	0	0	Cu	250												0	7	080			12-13
13 45	26.990	67.2	44.8	11	0															0					13-14
14 50	26.950	67.9	45.2	11	0															0					14-15
15 48	26.965	65.3	44.9	15	0	0	Cu	250												0	7	045			15-16
16 46	26.960	61.6	43.4	18	0															0					16-17
17 46	26.980	59.0	41.2	17	0															0					17-18
18 48	26.985	57.9	41.4	20	0															0	3	020			18-19
19 45	26.985	58.3	42.2	22	0															0					19-20
20 46	26.990	56.0	41.7	27	0															0					20-21
21 47	26.995	54.8	42.0	32	0															0	3	010			21-22
22 45	26.990	53.9	41.4	32	0															0					22-23
23 45	26.995	55.0	42.0	31	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	46	44	X	X						X		
	0350	1	0	0	0	48	44		0								
	0943	2	0	0	0	57	42		0								
	1543	3	0	0	0	68	57		0								
	2142	4	0	0	0	65	55		0								
	MID.	X	0	0	0	55	54	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0945	1547	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	27.055	27.090	26.965	26.995
BAROGRAPH 64	27.055	27.090	26.970	26.995
BAR. CORR. 65	0	0	+.005	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
68	42	0	0	0	36	SE	1431					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: 0805 OK 2305 OK TIME

MF1-10B