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: SEPTEMBER

YEAR: 1979

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 (Knots)	Peak Speed SPEED (Knots)	DIRECTION	Ave. Sta. Pressure		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	94	60	77			12				7.0	34	SW	26.4	60	0		25	11	5	10
2	94	57	76			11				5.0	18	W	26.5	11	0		20	7	5	12
3	96	62	79			14				7.9	28	S	26.4	79	0		27	15	8	9
4	96	61	79			14				5.8	21	SW	26.4	49	0		21	13	7	14
5	98	61	80			15				4.6	17	SW	26.5	31	0		22	11	9	11
6	99	61	80			15				4.9	20	W	26.5	91	0		16	7	4	17
7	102	63	83			18				6.3	25	SW	26.5	54	1		27	10	10	22
8	102	72	87			22				8.0	27	S	26.5	26	3		26	18	14	20
9	102	69	86			21				6.7	16	S	26.5	03	3		29	16	12	21
10	100	68	84			19				4.5	17	W	26.4	70	1		28	16	10	24
11	102	70	86			21				5.7	18	W	26.4	64	1		25	11	10	19
12	101	72	87			22				7.3	18	W	26.5	06	0		13	10	7	15
13	101	72	87			22				7.1	16	NE	26.5	01	1		10	7	6	13
14	94	73	84			19				11.0	24	NE	26.5	95	0		9	6	3	5
15	92	66	79			14				8.5	23	SE	26.6	54	0		13	6	6	11
16	91	61	76			11				5.9	23	E	26.6	38	0		15	16	15	25
17	96	60	78			13				3.6	15	SW	26.6	10	0		33	16	9	17
18	97	62	80			15				4.8	17	W	26.6	04	0		25	10	8	16
19	95	64	80			15				7.3	25	SW	26.5	50	1		23	16	6	16
20	91	62	77			12				4.8	15	W	26.5	21	0		24	10	6	12
21	94	59	77			12				4.8	23	S	26.5	48	0		18	8	5	17
22	94	61	78			13				7.4	27	SW	26.5	96	0		26	14	10	16
23	92	60	76			11				7.5	30	S	26.6	39	0		30	9	10	21
24	90	65	78			13	T			6.3	28	SW	26.6	43	7	T, RW	22	13	27	34
25	91	62	77			12				7.9	28	SW	26.6	49	5		46	29	20	34
26	90	64	77			12				7.5	25	SW	26.6	13	2		34	20	7	20
27	89	56	73			8				5.0	18	W	26.5	98	8		19	11	12	23
28	91	55	73			8				3.9	18	SW	26.6	43	8		33	17	12	24
29	87	65	76			11	T			6.1	36	SE	26.6	90	7	T, R, RW	34	19	24	38
30	88	64	76			11	T			7.5	24	E	26.6	73	7	T, RW	39	22	25	43
31																				
SUM	2849	1907	—	—	0	436	T	0	—	190.6	—	—	797.0	09	55	—	732	394	312	579
AVG	95.0	63.6	—	—	—	—	—	—	—	6.4	FASTEST	DIRECTION	PRESSURE		1.8	—	24.4	13.1	10.4	19.3
										MISC. →	36	SE	26.5	67		—	—	—	—	—

TEMPERATURE DATA

AVERAGE MONTHLY: 79.3

DEPARTURE FROM NORMAL: —

HIGHEST: 102 ON 7, 8, 9, 11

LOWEST: 55 ON 28

NUMBER OF DAYS WITH –

MAX. 32° OR BELOW: 0

MAX. 90° OR ABOVE: 27

MIN. 32° OR BELOW: 0

MIN. 0° OR BELOW: 0

HEATING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH: 0

DEPARTURE FROM NORMAL: —

SEASONAL TOTAL: 0

DEPARTURE FROM NORMAL: —

COOLING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH: 436

DEPARTURE FROM NORMAL: —

SEASONAL TOTAL: 2110

DEPARTURE FROM NORMAL: —

PRECIPITATION DATA

TOTAL FOR THE MONTH: T IN.

DEPARTURE FROM NORMAL: — IN.

GREATEST ~~Monthly~~ Daily: T ON 24, 29, 30

SNOWFALL, ICE PELLETS

TOTAL FOR THE MONTH: 0 IN.

GREATEST ~~IN ONE DAY~~ Daily: 0 ON —

GREATEST DEPTH ON GROUND: 0 ON —

WEATHER

NUMBER OF DAYS –

CLEAR (Scale 0–3): 24

PARTLY CLOUDY (Scale 4–7): 4

CLOUDY (Scale 8–10): 2

WITH 0.01 INCH OR MORE PRECIP.: 0

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

R = RAIN
RW = RAINSHOWER
T = THUNDER

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~~: 26.730 IN. ON 29

LOWEST ~~SEA LEVEL~~: 26.400 IN. ON 4

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

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

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NV

DATE: 1979 SEP 1

TO CONVERT LST TO GMT: ADD 8 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)	QUALITY CONTROL INITIALS (15)
SA	0046	CLR	20			068	70	25	05	06		985	000	008
SA	0149	CLR	20			068	67	27	09	02		985		008
SA	0246	CLR	20			069	64	27	07	01		985		008
SA	0348	CLR	20			065	63	26	12	03		984	803 61 RADAT 20146	44
SA	0452	CLR	20			066	61	27	00	00		984		44
SA	0552	CLR	20			080	60	28	00	00		987		44
SA	0650	CLR	20			079	68	30	00	00		987	110	44
SA	0752	CLR	20			085	76	29	23	03		990		44
SA	0847	CLR	20			083	83	31	34	04		990		44
SA	0948	CLR	20			084	85	25	13	07		990	107 60	44
SA	1050	CLR	20			075	91	18	21	10	G20	987		44
SA	1145	CLR	20			067	92	18	22	18	G25	985		44
SA	1250	CLR	20			063	91	14	22	17	G24	984	617	44
SA	1345	CLR	20			060	92	13	22	17	G23	983		44
SA	1450	CLR	20			054	92	14	20	14	G21	981		44
SA	1549	CLR	20			058	91	9	21	14	G21	982	507 94 RADAT 20148	008
SA	1644	CLR	20			056	90	9	19	13	G20	981		008
SA	1747	CLR	20			058	87	14	21	08	G14	981		008
SA	1848	CLR	20			059	83	15	21	11		982	500	008
SA	1945	CLR	20			065	82	17	19	08	G14	984		008
SA	2048	CLR	20			065	80	11	17	06		985		008
SA	2146	CLR	20			067	75	13	05	01		985	110 94	008
SA	2245	CLR	20			064	74	15	08	04		985		008
SA	2349	CLR	20			064	74	15	10	02		985		008

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRR.s $8N_sCh\ h_s$ $9S_pS_psp_sp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S.GPO:1977-0-765-005/1111

MF1-10B (11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 SEP 1

To convert LST to GMT ADD 02 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 46	26.460	69.6	48.8	19	0															0	0	.000			00-01
01 49	26.460	66.6	47.9	22	0															0					01-02
02 46	26.460	64.0	46.8	25	0															0					02-03
03 48	26.450	62.5	45.7	25	0															0	8	.010			03-04
04 52	26.450	60.8	45.3	27	0															0					04-05
05 52	26.480	60.0	45.0	29	0															0					05-06
06 50	26.480	67.6	49.3	25	0															0	1	.030			06-07
07 52	26.500	75.8	52.3	18	0															0					07-08
08 47	26.500	82.7	55.7	16	0															0					08-09
09 48	26.500	85.0	55.0	11	0															0	1	.020			09-10
10 50	26.480	90.8	56.0	7	0															0					10-11
11 45	26.460	91.7	56.3	7	0															0					11-12
12 50	26.450	91.3	55.5	6	0															0	6	.050			12-13
13 45	26.440	92.2	55.7	5	0															0					13-14
14 50	26.420	92.0	55.8	6	0															0					14-15
15 49	26.430	91.3	54.8	5	0															0	5	.020			15-16
16 44	26.420	89.6	54.2	5	0															0					16-17
17 47	26.420	86.7	53.7	7	0															0					17-18
18 48	26.430	83.1	52.4	8	0															0	5	.000			18-19
19 45	26.450	81.9	52.2	9	0															0					19-20
20 48	26.460	80.0	50.6	7	0															0					20-21
21 46	26.460	74.6	48.6	10	0															0	1	.030			21-22
22 45	26.460	74.2	48.7	10	0															0					22-23
23 49	26.460	74.0	48.6	11	0															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF H_s H_s M_s P_s D_s 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	70	61		X	X	X	X	X	X	X		
	0344	1	0	0	0	73	61		0								
	0844	2	0	0	0	85	60		0								
	1543	3	0	0	0	94	85		0								
	2141	4	0	0	0	92	74		0								
	MID.	X	0	0	0	75	73		X	X	X	X	X	X	X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0848	1548	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.450	26.500	26.430	26.460
BAROGRAPH 64	26.460	26.500	26.430	26.470
BAR. CORR. 65	-.010	±.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 UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK GUSTS SPEED (Kts.) 71	PEAK GUSTS DIRECTION 72	PEAK GUSTS TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
94	60	0	0	0	34	SW	1126					0	0		

PRECIP. AND THDRSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

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

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

TIME CHECK: CLOCK CORRECT AT 0735 / 2140P - ON TIME

* BAROGRAPH CHANGED RESET TO I.0 CORR.

MF1-10B

☆U.S. GOVERNMENT PRINTING OFFICE: 1974-665-076/1093 Region -

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 SEP 2

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0048	CLR	20			076	67	20	02	03		987	307	[illegible]
SA	0145	CLR	20			076	65	19	28	01		987		[illegible]
SA	0244	CLR	20			081	62	20	01	04		988		[illegible]
SA	0346	CLR	20			082	61	19	02	02		988	103 60 RADAT 26151	MR
SA	0446	CLR	20			092	60	19	09	02		991		MR
SA	0547	CLR	20			100	58	20	20	02		993		MR
SA	0646	CLR	20			102	66	20	20	03		994	117	MR
SA	0747	CLR	20			106	72	17	01	02		996		MR
SA	0847	CLR	20			108	80	15	27	02		997		MR
SA	0947	CLR	20			105	85	15	20	03		996	007 57	MR
SA	1047	CLR	20			105	87	13	36	03		996		MR
SA	1148	CLR	20			100	88	18	20	08		995		MR
SA	1248	CLR	20			103	89	21	26	08		995	703	MR
SA	1348	CLR	20			092	92	22	24	04		992		MR
SA	1450	CLR	20			083	92	15	25	03		989		MR
SA	1545	CLR	20			080	93	13	23	09		988	622 94 RADAT 21150	RK
SA	1645	CLR	20			075	93	14	21	10		987		RK
SA	1745	CLR	20			077	90	17	22	08		987		RK
SA	1845	CLR	20			077	85	18	21	09		987	503	RK
SA	1945	CLR	20			084	79	18	04	06		989		RK
SA	2045	CLR	20			088	76	20	05	07		991		RK
SA	2145	CLR	20			087	73	20	05	09		991	165 94	RK
SA	2245	CLR	20			086	73	21	05	05		991		RK
SA	2345	CLR	20			091	69	25	25	06		992		RK

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: 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:1977-0-765-005/1111

MF1-10B
(11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 SEP 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	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	26.480	67.1	46.4	16	0															0	3	.020			00-01
01 45	26.480	64.7	45.2	17	0															0					01-02
02 44	26.490	61.8	43.9	19	0															0					02-03
03 46	26.490	60.7	43.3	20	0															0	1	.010			03-04
04 46	26.515	60.1	43.0	20	0															0					04-05
05 47	26.530	57.9	42.1	23	0															0					05-06
06 46	26.540	66.3	46.0	17	0															0	1	.050			06-07
07 47	26.555	72.4	48.2	12	0															0					07-08
08 47	26.570	80.1	51.2	9	0															0					08-09
09 47	26.560	85.1	53.3	7	0															0	0	.020			09-10
10 47	26.560	86.6	53.6	6	0															0					10-11
11 48	26.550	88.2	55.0	8	0															0					11-12
12 48	26.550	89.1	55.9	8	0															0	7	-.010			12-13
13 48	26.520	91.7	56.9	8	0															0					13-14
14 50	26.495	92.4	56.1	6	0															0					14-15
15 45	26.485	93.3	56.2	5	0															0	6	.065			15-16
16 45	26.475	92.7	56.0	5	0															0					16-17
17 45	26.470	89.8	55.5	7	0															0					17-18
18 45	26.475	85.2	53.8	8	0															0	5	.010			18-19
19 45	26.495	79.0	51.2	10	0															0					19-20
20 45	26.510	75.5	50.1	12	0															0					20-21
21 45	26.510	73.2	49.2	13	0															0	1	.035			21-22
22 45	26.510	73.1	49.4	14	0															0					22-23
23 45	26.520	68.8	48.3	19	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF H_S P_S D_S / M_S 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	74	60		X	X	X	X	X	X	X		
	0343	1	0	0	0	75	60		0								
	0943	2	0	0	0	87	57		0								
	1542	3	0	0	0	94	85		0								
	2143	4	0	0	0	94	73		0								
	MID.	X	0	0	0	73	69		X	X	X	X	X	X	X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0946	1545	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.490	26.560	26.485	26.510
BAROGRAPH 64	26.495	26.565	26.495	26.510
BAR. CORR. 65	-.005	-.005	-.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 GUSTS SPEED (Kts.) 71	PEAK GUSTS DIRECTION 72	PEAK GUSTS TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
94	57	0	0	0	18	W	1526					0	0		

PRECIP. AND THDRSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

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

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

TIME CHECK: CLOCK 0937PST ON TIME / 2047 ON TIME

MF1-10B

☆U.S. GOVERNMENT PRINTING OFFICE: 1974-665-076/1093 Region

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: SEP 0 3 1979

TO CONVERT LST TO GMT ADD 8 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)	INITIALS (15)
SA	0045	CLR	20			085	72	22	06	09		991	000	RK
SA	0145	CLR	20			086	67	22	00	00		991		RK
SA	0245	CLR	20			083	67	29	05	07		990		RK
SA	0346	CLR	20			088	66	31	01	02		991	302 65 RADAT 25156	MR
SA	0446	CLR	20			088	66	28	00	00		991		MR
SA	0548	CLR	20			094	63	31	07	02		992		MR
SA	0647	CLR	20			096	70	30	18	02		993	305	MR
SA	0747	CLR	20			098	76	28	00	00		994		MR
SA	0845	CLR	20			096	83	28	18	03		993		MR
SA	0946	CLR	20			095	86	32	17	03		993	000 62	MR
SA	1045	CLR	20			086	91	19	22	15	G21	991		MR
SA	1146	CLR	20			078	93	26	21	17	G24	986		MR
SA	1246	CLR	20			069	93	24	22	17	G24	987	719	MR
SA	1348	CLR	20			070	94	14	20	17	G28	986		MR
SA	1448	CLR	20			062	94	18	23	13	G24	984		RK
SA	1545	CLR	20			056	94	23	19	12	G19	982	715 96 RADAT 20152	RK
SA	1645	CLR	20			051	93	22	20	14	G20	981		RK
SA	1745	CLR	20			055	90	24	20	12	G16	981		RK
SA	1845	CLR	20			054	87	23	23	10		981	603	RK
SA	1945	CLR	20			051	85	16	20	08		981		RK
SA	2045	CLR	20			052	85	16	22	10		982		RK
SA	2145	CLR	20			057	79	16	15	04		983	807 96	RK
SA	2245	CLR	20			058	73	19	36	07		983		RK
SA	2345	CLR	20			058	71	17	13	05		983		RK

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRR.s $8N_sCh\ h_s$ $9S_pS_psp_sp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S. GPO:1977-0-765-005/1111

MF1-10B (11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: SEP 0 3 1979

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	26.510	71.7	48.9	15	0														0	0	000				00-01
01	45	26.510	67.3	47.0	18	0														0						01-02
02	45	26.500	67.0	48.7	24	0														0						02-03
03	48	26.515	66.1	48.5	27	0														0	3	.005				03-04
04	46	26.515	66.2	47.9	23	0														0						04-05
05	48	26.525	63.0	47.5	20	0														0						05-06
06	47	26.530	69.8	50.1	23	0														0	3	.015				06-07
07	47	26.540	76.3	52.3	17	0														0						07-08
08	45	26.535	83.1	55.0	13	0														0						08-09
09	48	26.530	86.2	57.3	15	0														0	0	.000				09-10
10	45	26.515	90.6	56.0	7	0														0						10-11
11	48	26.490	92.5	58.0	9	0														0						11-12
12	46	26.475	93.4	58.0	8	0														0	7	.055				12-13
13	48	26.470	94.4	56.7	5	0														0						13-14
14	48	26.450	93.9	57.1	6	0														0						14-15
15	45	26.430	94.0	58.0	8	0														0	7	.045				15-16
16	45	26.420	92.6	57.3	5	0														0						16-17
17	45	26.420	90.1	56.8	9	0														0						17-18
18	45	26.420	86.6	55.2	10	0														0	6	.010				18-19
19	45	26.420	85.2	53.5	8	0														0						19-20
20	45	26.430	84.7	53.3	8	0														0						20-21
21	45	26.440	79.3	51.0	9	0														0	8	.020				21-22
22	45	26.440	73.1	49.0	12	0														0						22-23
23	45	26.440	71.2	47.8	13	0														0						23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF Hs Ps Ds Ms 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	72	65		X	X	X	X	X	X	X		
	0343	1	0	0	0	73	65		0								
	0943	2	0	0	0	87	62		0								
	1543	3	0	0	0	96	86		0								
	2143	4	0	0	0	95	79		0								
	MID.	X	0	0	0	79	71		X	X	X	X	X	X	X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1545	2143
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.515	26.530	26.430	26.440
BAROGRAPH 64	26.515	26.530	26.440	26.440
BAR. CORR. 65	0	0	-010	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK GUSTS: 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
96	62	0	0	0	28	S	1345					0	0		

PRECIP. AND THDRSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

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

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

TIME CHECK: CLOCK 0936 PST / SEC FAST / 2248 OK ON TIME

☆U.S. GOVERNMENT PRINTING OFFICE: 1974-665-076/1093 Region

MF1-10A (1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: SEP 0 4 1979

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0045	CLR	20			061	69	21	05	05		984	303	RK
SA	0145	CLR	20			061	69	24	34	05		984		RK
SA	0245	CLR	20			058	68	25	05	10		983		RK
SA	0349	CLR	20			063	67	26	04	06		984	500 66 RADAT 20159	MR
SA	0445	CLR	20			064	64	29	04	02		984		MR
SA	0546	CLR	20			073	63	27	10	04		986		MR
SA	0646	CLR	20			078	68	28	00	00		988	312.	MR
SA	0749	CLR	20			078	77	30	20	02		989		MR
SA	0849	CLR	20			076	80	28	35	02		989		MR
SA	0947	CLR	20			077	84	28	30	02		989	102 61	MR
SA	1046	CLR	20			076	85	28	24	07		987		MR
SA	1148	CLR	20			072	89	30	20	05		986		MR
SA	1246	CLR	20			065	91	28	20	04		985	812	MR
SA	1346	CLR	20			055	93	28	26	10		982		MR
SA	1446	CLR	20			047	94	22	20	10		980	77	MR
SA	1545	CLR	20			042	96	22	20	12 G 18		979	719 96 RADAT 21159	RK
SA	1645	CLR	20			044	95	22	23	12		979		RK
SA	1745	CLR	20			047	91	23	23	13		979		RK
SA	1845	CLR	20			050	86	25	21	07		980	303	RK
SA	1945	CLR	20			056	82	29	02	06		982		RK
SA	2048	CLR	20			061	84	30	24	04		984		RK
SA	2145	CLR	20			064	78	30	04	04		985	115 96	RK
SA	2245	CLR	20			070	75	29	06	03		986		RK
SA	2345	CLR	20			074	69	28	08	03		987		RK

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iiiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRR.s $8N_sCh\ h_s$ $9S_pS_psp_sp_s$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S. GPO:1977-0-765-005/1111

MF1-10B
(11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: SEP 04 1979

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 45	26.450	69.2	47.7	16	0															0	3	010			00-01
01 45	26.450	69.4	48.4	18	0															0					01-02
02 45	26.440	68.2	48.2	20	0															0					02-03
03 49	26.450	67.3	47.9	21	0															0	5	.000			03-04
04 45	26.450	64.4	47.4	26	0															0					04-05
05 46	26.470	62.6	46.0	25	0															0					05-06
06 46	26.485	68.4	49.0	22	0															0	3	.035			06-07
07 49	26.490	76.7	53.0	18	0															0					07-08
08 49	26.490	80.2	53.9	15	0															0					08-09
09 47	26.490	83.9	55.2	13	0															0	1	.005			09-10
10 46	26.480	85.1	55.8	13	0															0					10-11
11 48	26.470	88.7	57.5	12	0															0					11-12
12 46	26.455	91.0	58.0	11	0															0	8	.035			12-13
13 46	26.430	92.9	58.7	10	0															0					13-14
14 46	26.410	94.2	57.9	7	0															0					14-15
15 45	26.400	95.9	58.5	7	0															0	7	055			15-16
16 45	26.400	94.5	58.0	7	0															0					16-17
17 45	26.400	91.0	57.0	9	0															0					17-18
18 45	26.410	86.1	55.4	11	0															0	3	010			18-19
19 45	26.430	82.2	54.8	14	0															0					19-20
20 48	26.450	84.1	56.0	14	0															0					20-21
21 45	26.455	77.7	53.5	18	0															0	1	045			21-22
22 45	26.465	74.6	51.9	19	0															0					22-23
23 45	26.475	69.1	49.2	21	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF H_S H_S M_S P_S D_S 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	71	66		X	X	X	X	X	X	X		
	0343	1	0	0	0	79	66		0								
	0943	2	0	0	0	85	61		0								
	1543	3	0	0	0	96	84		0								
	2143	4	0	0	0	96	78		0								
	MID.	X	0	0	0	78	69		X	X	X	X	X	X	X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0946	1545	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.450	26.490	26.400	26.455
BAROGRAPH 64	26.440	26.495	26.410	26.465
BAR. CORR. 65	+.010	-.005	-.010	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK GUSTS SPEED (Kts.) 71	PEAK GUSTS DIRECTION 72	PEAK GUSTS TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
96	61	0	0	0	21	SW	1505					0	0		

PRECIP. AND THDRSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

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

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

TIME CHECK: CLOCK 0937 LST ON TIME / 2248 ON TIME

MF1-10B

☆U.S. GOVERNMENT PRINTING OFFICE: 1974-665-076/1093 Region

MF1-10A (1-77)

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

STATION: WSMO, DESERT ROCK, NV

SURFACE WEATHER OBSERVATIONS

DATE: SEP 0 5 1979

TO CONVERT LST TO GMT ADD 8 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. SECTIONS INITIALS (15)
SA	0045	CLR	20			075	71	29	00	00		988	310	RK
SA	0145	CLR	20			079	68	29	04	06		989		RK
SA	0245	CLR	20			080	67	29	14	03		989		RK
SA	0346	CLR	20			082	67	27	10	03		991	207 64 RADAT 24L152158161	JD
SA	0449	CLR	20			088	67	27	12	02		992		JD
SA	0548	CLR	20			098	63	28	05	03		994		JD
SA	0649	CLR	20			103	69	29	32	02		995	215	JD
SA	0746	CLR	20			106	74	32	30	02		996		JD
SA	0848	CLR	20			100	85	30	26	03		996		JD
SA	0949	CLR	20			101	89	28	31	04		996	103 61	JD
SA	1048	CLR	20			098	93	28	30	02		995		JD
SA	1146	CLR	20			097	95	27	19	10		995		JD
SA	1249	CLR	20			093	95	25	04	02		994	808	JD
SA	1349	CLR	20			091	97	25	23	08		993		JD
SA	1450	CLR	20			084	96	26	22	04		991	WND VRBL	JD
SA	1550	CLR	20			079	97	28	26	08		990	712 98 RADAT 20165	WRG
SA	1650	CLR	20			079	97	23	32	05		990		WRG
SA	1750	CLR	20			085	94	24	27	06		990		WRG
SA	1850	CLR	20			091	85	18	36	07		992	307	WRG
SA	1950	CLR	20			101	81	18	36	05		995		WRG
SA	2045	CLR	20			103	78	17	13	06		996		WRG
SA	2145	CLR	20			102	77	16	06	06		996	114 98	WRG
SA	2250	CLR	20			104	74	24	11	08		997		WRG
SA	2347	CLR	20			106	73	25	04	03		995		WRG

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii NddFf VVwwW PPPTT $N_hC_LhC_MC_H$ T_gT_dapp $6P_oP_oP_oP_o$ 7RRR.s $8N_sCh$ 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:1977-0-765-005/1111

MF1-10B
(11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION WSMO, DESERT ROCK, NV

DATE SEP 0 5 1979

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	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	26.485	70.8	50.2	21	0															0	3	030			00-01
01 45	26.495	67.7	49.0	24	0															0					01-02
02 45	26.495	67.0	48.5	24	0															0					02-03
03 46	26.505	66.6	47.9	22	0															0	2	.020			03-04
04 49	26.520	66.9	48.0	22	0															0					04-05
05 48	26.535	62.8	46.6	27	0															0					05-06
06 49	26.550	69.4	49.6	22	0															0	2	.045			06-07
07 46	26.560	74.4	52.5	21	0															0					07-08
08 48	26.560	84.7	56.2	14	0															0					08-09
09 49	26.560	89.1	57.2	11	0															0	1	.010			09-10
10 48	26.550	93.2	58.8	10	0															0					10-11
11 46	26.545	94.6	59.0	9	0															0					11-12
12 49	26.535	94.9	58.7	8	0															0	8	.025			12-13
13 49	26.530	97.1	59.6	8	0															0					13-14
14 50	26.510	96.1	59.3	8	0															0					14-15
15 50	26.500	96.9	60.1	9	0															0	7	.035			15-16
16 50	26.500	97.0	59.2	7	0															0					16-17
17 50	26.500	93.9	58.2	8	0															0					17-18
18 50	26.520	84.8	53.6	8	0															0	3	.020			18-19
19 50	26.545	80.9	52.1	10	0															0					19-20
20 45	26.560	78.3	50.7	10	0															0					20-21
21 45	26.560	77.0	50.4	11	0															0	1	.040			21-22
22 50	26.565	73.6	50.1	15	0															0					22-23
23 47	26.575	72.8	50.1	17	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF H_s H_s M_s P_s D_s 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	71	64		X	X	X	X	X	X	X		
	0343	1	0	0	0	78	64		0								
	0945	2	0	0	0	89	61		0								
	1546	3	0	0	0	98	89		0								
	2141	4	0	0	0	97	77		0								
	MID.	X	0	0	0	77	72		X	X	X	X	X	X	X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0948	1548	2143
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.505	26.560	26.500	26.560
BAROGRAPH 64	26.505	26.565	26.510	26.560
BAR. CORR. 65	0	-.005	-.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 GUSTS: SPEED (Kts.) 71	PEAK GUSTS: DIRECTION 72	PEAK GUSTS: TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.): TOP 75	FROZEN GROUND LAYER (Ins.): BASE 76	RIVER GAGE 77	SKY COVER: SUNRISE TO SUNSET 78	SKY COVER: MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
98	61	0	0	0	17	SW	1356					0	0		

PRECIP. AND THDRSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TOTAL SUNSHINE (Hrs.) 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: 0514 P ON TIME
2345 ON Time

☆U.S. GOVERNMENT PRINTING OFFICE: 1974-665-076/1093 Region

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 SEP 8

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0048	CLR	20			105	73	20	12	06		999	207	WRG
SA	0145	CLR	20			113	68	21	08	04		000		WRG
SA	0245	CLR	20			116	66	25	35	03		000		WRG
SA	0349	CLR	20			115	69	20	32	05		000	205 66 RADAT 23161	JD
SA	0450	CLR	20			119	64	22	08	03		001		JD
SA	0548	CLR	20			131	61	24	05	02		004		JD
SA	0647	CLR	20			135	70	23	13	02		005	214	JD
SA	0747	CLR	20			136	77	23	32	02		005		JD
SA	0848	CLR	20			133	86	24	28	03		005		JD
SA	0950	CLR	20			132	90	17	31	02		005	102 61	JD
SA	1046	CLR	20			129	93	23	26	08		004		JD
SA	1145	CLR	20			123	95	22	28	07		003		JD
SA	1247	CLR	20			116	97	20	22	07		002	812	JD
SA	1351	CLR	20			110	98	17	23	06	618	998		JD
SA	1452	CLR	20			105	98	15	26	08		997		JD
SA	1550	CLR	20			098	99	13	23	11		995	719 99 RADAT 23160	WRG
SA	1645	CLR	20			097	97	16	22	08		994		WRG
SA	1748	CLR	20			099	95	16	22	06		994		WRG
SA	1848	CLR	20			102	88	24	16	03		995	500	WRG
SA	1950	CLR	20			111	80	21	05	04		997		WRG
SA	2048	CLR	20			110	79	27	04	03		998		WRG
SA	2145	CLR	20			111	76	27	06	03		998	110 99	WRG
SA	2245	CLR	20			109	74	29	02	05		998		WRG
SA	2350	CLR	20			110	74	27	18	04		999		WRG

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_cP_oP_o$ 7RRRis $8N_sCh$ 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:1977-0-765-005/1111

MF1-10B
(11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 SEP 6

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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	72.4	49.0	14	0															0	2	.020			00-01
01 45	26.590	68.1	47.2	17	0															0					01-02
02 45	26.590	65.6	47.0	22	0															0					02-03
03 49	26.595	68.6	47.1	16	0															0	2	.015			03-04
04 50	26.600	63.7	45.2	20	0															0					04-05
05 48	26.625	61.0	44.5	24	0															0					05-06
06 47	26.635	70.2	48.5	17	0															0	2	.040			06-07
07 47	26.640	76.6	51.2	13	0															0					07-08
08 48	26.640	85.7	55.2	11	0															0					08-09
09 50	26.640	90.1	55.6	7	0															0	1	.005			09-10
10 46	26.630	93.1	57.7	8	0															0					10-11
11 45	26.615	95.2	58.2	7	0															0					11-12
12 47	26.605	96.7	58.5	6	0															0	8	.035			12-13
13 51	26.580	97.6	58.3	5	0															0					13-14
14 50	26.565	98.0	58.2	5	0															0					14-15
15 50	26.550	98.3	58.2	4	0															0	7	.055			15-16
16 45	26.540	97.2	58.0	5	0															0					16-17
17 46	26.540	94.3	57.1	6	0															0					17-18
18 48	26.550	87.3	55.8	10	0															0	5	.000			18-19
19 50	26.570	80.0	52.2	11	0															0					19-20
20 48	26.580	79.3	53.3	15	0															0					20-21
21 45	26.580	75.7	51.9	17	0															0	1	.030			21-22
22 45	26.580	73.7	51.4	19	0															0					22-23
23 50	26.585	74.4	51.3	17	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF H_s H_s M_s P_s D_s 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	73	66		X	X	X	X	X	X	X		
	0345	1	0	0	0	77	66		0								
	0946	2	0	0	0	90	61		0								
	1546	3	0	0	0	99	90		0								
	2141	4	0	0	0	99	75		0								
	MID.	X	0	0	0	76	74		X	X	X	X	X	X	X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0949	1548	2143
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.595	26.640	26.550	26.580
BAROGRAPH 64	26.590	26.645	26.555	26.580
BAR. CORR. 65	+.005	-.005	-.005	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK GUSTS SPEED (Kts.) 71	PEAK GUSTS DIRECTION 72	PEAK GUSTS TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
99	61	0	0	0	20	W	1511					0	0		

PRECIP. AND THDRSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TOTAL SUNSHINE (Hrs.) 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: 0555 P ON TIME

2339 P ON Time

MF1-10B

☆U.S. GOVERNMENT PRINTING OFFICE: 1974-665-076/1093 Region

MF1-10A (1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 SEP 7

TO CONVERT LST TO GMT ADD 8 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 (09-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0048	CLR	20			109	71	32	00	00		998	000	WRG
SA	0150	CLR	20			109	69	32	35	06		998		WRG
SA	0245	CLR	20			114	67	32	03	05		999		WRG
SA	0348	CLR	20			115	65	31	07	02		999	103 65 RADAT 20161	JD
SA	0450	CLR	20			116	66	30	13	02		000		JD
SA	0548	CLR	20			123	67	29	00	00		002		JD
SA	0647	CLR	20			130	72	28	07	02		004	312	JD
SA	0749	CLR	20			125	78	30	30	02		002		JD
SA	0847	CLR	20			121	86	30	33	02		002		JD
SA	0948	CLR	20			112	93	29	30	03		999	812 63	JD
SA	1047	CLR	20			111	96	34	21	07		999		JD
SA	1147	CLR	20			103	98	30	22	10	621	997		JD
SA	1246	CLR	20			096	99	31	22	10	620	995	714 1001	JD
SA	1347	CLR	20			090	99	34	24	12	624	993		JD
SA	1450	90 SCT	20			087	100	35	23	16		992		JD
SA	1550	110 SCT	20			081	99	33	22	12	621	991	715 1100 02 RADAT 79143	WRG
SA	1650	110 SCT	20			078	96	34	23	12	620	989		WRG
SA	1750	110 SCT	20			082	95	36	22	09		990		WRG
SA	1850	120 SCT	20			080	91	39	18	07		990	502 1400	WRG
SA	1950	120 SCT	20			082	89	41	18	04		991		WRG
SA	2045	120 SCT	20			084	86	42	13	07		992		WRG
SA	2146	120 SCT	20			085	85	42	11	06		993	210 1400 02	WRG
SA	2250	120 SCT	20			088	84	42	11	07		994		WRG
SA	2350	CLR	20			087	84	43	09	04		994		WRG

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRR,s $8N_sCh$ 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:1977-0-765-005/1111

MF1-10B
(11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 SEP 7

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40 HR.
00 48	26.580	70.6	51.1	24	0															0	0	.000		00-01
01 50	26.580	69.1	50.3	25	0															0				01-02
02 45	26.590	66.7	49.3	27	0															0				02-03
03 48	26.590	65.2	48.4	27	0															0	1	.010		03-04
04 50	26.595	65.7	48.5	27	0															0				04-05
05 48	26.610	66.8	48.6	24	0															0				05-06
06 47	26.625	71.9	50.4	19	0															0	3	.035		06-07
07 49	26.610	78.0	53.5	17	0															0				07-08
08 47	26.610	86.2	56.7	13	0															0				08-09
09 48	26.590	93.2	59.1	10	0															0	8	.035		09-10
10 47	26.590	95.8	61.3	12	0															0				10-11
11 47	26.570	98.1	60.9	9	0															0				11-12
12 46	26.550	98.8	61.5	9	0	0	Cu	90												0	7	.040		12-13
13 47	26.530	98.6	62.1	10	0															0				13-14
14 50	26.520	99.6	62.8	11	2															2				14-15
15 50	26.505	99.3	62.2	10	4	4	Cu	110												4	7	.045		15-16
16 50	26.495	97.8	61.9	11	2															2				16-17
17 50	26.500	95.1	61.5	13	2															2				17-18
18 50	26.500	91.3	61.0	16	3	3	Sc	120												3	5	.005		18-19
19 50	26.510	88.8	61.0	19	2															2				19-20
20 45	26.520	86.2	60.2	21	2															2				20-21
21 46	26.530	85.0	59.9	22	2	2	Sc	120												2	2	.030		21-22
22 50	26.540	83.7	59.4	23	1															1				22-23
23 50	26.590	83.8	59.8	24	0															0				23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF H_s P_s D_s H_s M_s 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	74	65		X	X	X	X	X	X	X		
	0344	1	0	0	0	76	65		0								
	0945	2	0	0	0	93	63		0								
	1546	3	0	0	0	102	93		0								
	2142	4	0	0	0	100	84		0								
	MID.	X	0	0	0	86	83		X	X	X	X	X	X	X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1546	2142
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.590	26.590	26.525	26.530
BAROGRAPH 64	26.580	26.595	26.510	26.520
BAR. CORR. 65	+.010	+.005	-.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK GUSTS SPEED (Kts.) 71	PEAK GUSTS DIRECTION 72	PEAK GUSTS TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
102	63	0	0	0	25	SW	1251					1	1		

PRECIP. AND THDRSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TOTAL SUNSHINE (Hrs.) | 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
2349 P on Time

MF1-10B

☆U.S. GOVERNMENT PRINTING OFFICE: 1974-665-076/1093 Region

MF1-10A (1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 SEP 0

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			087	81	45	06	04		994	103 1400	WRG
SA	0150	CLR	20			087	80	43	11	05		994		WRG
SA	0245	CLR	20			089	79	43	10	06		994		WRG
SA	0349	CLR	20			090	77	39	06	02		994	500 73 RADAT 32147	JD
SA	0449	CLR	20			092	73	41	02	06		994		JD
SA	0548	CLR	20			098	72	41	14	02		995		JD
SA	0647	CLR	20			102	80	43	10	03		997	308 1170	JD
SA	0747	CLR	20			101	85	44	32	02		997		JD
SA	0847	110 SCT	20			106	90	42	21	04		999	VIRGA SE	JD
SA	0948	120 SCT E160 BKN	20			098	92	41	16	15	624	997	VIRGA SE 000 1270 72	JD
SA	1048	160 SCT E 210 BKN	20			093	97	43	23	13		996		JD
SA	1146	160 SCT 210 -SCT	20			086	98	44	21	13		994	TCU SE	JD
SA	1248	100 SCT 160 SCT	20			082	99	43	22	14		993	TCU ALQDS 714 1260	JD
SA	1346	100 SCT 160 SCT	20			074	100	42	21	10	620	991	TCU NE-SE W-NW	JD
SA	1450	100 SCT 160 SCT	20			068	101	38	22	14	627	988	TCU ALQDS	JD
SA	1550	100 SCT 160 SCT	20			066	99	42	17	12	620	987	715 1230 02	/
/	/	/ /	/			/	/	/	/	/	/	/	RADAT 71145	WRG
SA	1650	100 SCT 160 SCT	20			064	97	41	19	13		986	TCU SE	WRG
SA	1750	100 SCT	20			065	95	40	18	13		986	TCU SE	WRG
SA	1850	100 SCT	20			069	91	41	12	09		988	500 1400	WRG
SA	1945	100 SCT	20			073	88	40	11	08		989		WRG
SA	2045	100 SCT	20			076	84	40	12	07		991		WRG
SA	2145	100 SCT	20			081	85	40	00	00		992	214 1400 02	WRG
SA	2250	100 SCT	20			081	83	40	12	10		992		WRG
SA	2350	100 SCT	20			081	79	39	08	05		992		WRG

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: 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:1977-0-765-005/1111

MF1-10B
(11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NV

DATE: 1979 SEP 8

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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	26.540	81.2	59.4	28	0	0	Sc	120												0	1	.010			00-01
01 50	26.540	80.2	58.5	27	0															0					01-02
02 45	26.540	78.7	58.2	29	0															0					02-03
03 49	26.540	76.7	55.9	26	0															0	5	.000			03-04
04 49	26.540	72.6	55.0	32	0															0					04-05
05 48	26.550	71.8	54.8	33	0															0					05-06
06 47	26.565	80.0	58.4	27	0	0	Cu	90	0	Ac	120	0	0	Ac	180	0				0	3	.025			06-07
07 47	26.570	84.7	60.6	24	0															0					07-08
08 47	26.585	89.5	61.6	19	4															4					08-09
09 48	26.565	91.7	62.2	18	7	0	Cu	100	1	Ac	120	1	7	Ac	E160	7				7	0	.000			09-10
10 48	26.555	96.6	64.1	16	6															4					10-11
11 46	26.540	97.6	65.0	16	5															1					11-12
12 48	26.525	99.2	65.1	15	1	1	Cu	100	0	Ac	160	1								1	7	.040			12-13
13 46	26.505	100.2	64.9	14	2															2					13-14
14 50	26.490	100.7	64.2	12	2															2					14-15
15 50	26.480	99.0	64.7	14	5	4	Cu	100	1	Ac	160	5								5	7	.045			15-16
16 50	26.465	97.3	63.8	15	4															4					16-17
17 50	26.465	95.4	62.9	15	4															4					17-18
18 50	26.480	91.1	61.7	18	3	3	Sc	100												3	5	.000			18-19
19 48	26.495	87.8	60.2	19	2															2					19-20
20 45	26.510	87.5	60.2	19	1															1					20-21
21 45	26.520	85.2	59.2	20	1	1	Sc	100												1	2	.040			21-22
22 50	26.520	82.5	58.2	23	1															1					22-23
23 50	26.520	79.3	56.9	24	1															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF H_S H_S M_S P_S D_S 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	84	73		X	X	X	X	X	X	X		
	0345	1	0	0	0	86	73		0								
	0944	2	0	0	0	92	72		0								
	1546	3	0	0	0	102	92		0								
	2140	4	0	0	0	99	85		0								
	MID.	X	0	0	0	85	79		X	X	X	X	X	X	X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1546	2142
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.540	26.565	26.480	26.520
BAROGRAPH 64	26.535	26.565	26.480	26.510
BAR. CORR. 65	+.005	0	±0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK GUSTS: 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
102	72	0	0	0	27	S	1446					2	2		

PRECIP. AND THDRSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TOTAL SUNSHINE (Hrs.) | 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: 0649P ON TIME
2358P ON Time

☆U.S. GOVERNMENT PRINTING OFFICE: 1974-665-076/1093 Region

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 SEP 9

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0050	CLR	20			081	80	37	12	11		992	400 1400	WRG
SA	0150	CLR	20			082	75	39	01	05		992		WRG
SA	0245	CLR	20			086	73	37	01	03		993		WRG
SA	0345	CLR	20			088	73	39	04	04		993	103 72 RADAT 57143	SH
SA	0444	CLR	20			088	72	40	03	06		993	AC SE	SH
SA	0546	120 SCT 160 SCT	20			098	70	40	11	03		995		SH
SA	0646	120 SCT 160 SCT	20			102	77	41	25	04		997	312 1070	SH
SA	0745	140 SCT	20			105	80	41	28	05		997		SH
SA	0844	130 SCT	20			102	86	42	31	03		997		SH
SA	0947	120 SCT	20			093	93	40	27	03		996	803 1060 L9	SH
SA	1046	140 SCT	20			084	98	38	17	12		993	CU ALQDS	SH
SA	1145	90 SCT 150 SCT	20			081	98	36	22	08		992		SH
SA	1246	90 SCT 160 SCT	20			073	99	38	18	13		990	719 1170	SH
SA	1345	90 SCT 160 SCT	20			063	99	38	15	10		986	TCU E	SH
SA	1444	90 SCT 160 SCT	20			062	98	38	20	09		985	CB VIRGA E TCU ALQDS	SH
SA	1548	90 SCT 160 SCT	20			058	99	35	19	12		984	CB AND VIRGA E-SE	
		—	—			—		50			—		#617 1930 02 RADAT 76144	DS
SA	1651	90 SCT 160 SCT	20			057	98	38	19	10		984	CB AND VIRGA E-SE MOVG N	DS
SA	1751	90 SCT 160 SCT	20			061	93	40	19	14		984	CB E DSPTNG	DS
SA	1848	CLR	20			064	90	40	12	10		985	303 1460	DS
SA	1946	CLR	20			067	88	41	19	04		986		DS
SA	2047	CLR	20			064	88	38	14	02		986		DS
SA	2146	CLR	20			064	82	38	04	03		987	305 02	DS
SA	2247	CLR	20			064	80	39	33	01		987		DS
SA	2349	CLR	20			065	77	39	06	06		987		DS

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iliii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRR 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:1977-0-763-005/1111

MF1-10B
(11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 SEP 9

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	26.520	79.5	56.1	22	0	0	SC	100												0	4	.000			00-01
01 50	26.520	74.7	55.0	27	0															0					01-02
02 45	26.530	73.3	53.9	27	0															0					02-03
03 45	26.530	73.0	54.4	29	0															0	1	.010			03-04
04 44	26.530	72.3	54.6	31	0															0					04-05
05 46	26.550	70.3	53.6	33	1															1					05-06
06 46	26.565	76.7	56.7	28	2	1	AC	120	1	AC	160	2								2	3	.035			06-07
07 45	26.570	79.7	57.7	25	4															4					07-08
08 44	26.570	85.7	60.0	21	3															3					08-09
09 47	26.555	93.3	62.0	16	3	3	AC	120												3	8	.010			09-10
10 46	26.530	97.6	62.8	13	3															3					10-11
11 45	26.520	98.2	62.6	12	3															3					11-12
12 46	26.500	98.6	63.2	12	2	2	CU	90	0	AC	160	2								2	7	.055			12-13
13 45	26.470	99.3	63.4	12	4															4					13-14
14 44	26.460	97.8	63.0	13	5															5					14-15
15 48	26.458	99.0	63.5	12	3	3	CB	90	0	AC	160	3								3	6	.050			15-16
16 51	26.450	97.7	63.0	13	3															3					16-17
17 51	26.450	93.4	62.0	16	2															2					17-18
18 48	26.460	90.0	61.0	18	0	0	SC	90	0	AC	160	0								0	3	.010			18-19
19 46	26.470	88.0	60.7	19	0															0					19-20
20 47	26.470	88.2	59.6	17	0															0					20-21
21 46	26.475	81.7	57.5	21	0															0	3	.015			21-22
22 47	26.475	80.1	57.0	23	0															0					22-23
23 49	26.475	77.3	56.0	25	0															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF H_S P_S D_S 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0342	X	0	0	X	80	72		X	X	X	X	X	X	X		
	0342	1	.0	0	0	85	72		0								
	0943	2	0	0	0	94	69		0								
	1543	3	0	0	0	102	93		0								
	2141	4	0	0	0	99	81		0								
	MID.	X	0	0	0	82	76		X	X	X	X	X	X	X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0945	1548	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26530	26555	26450	26.475
BAROGRAPH 64	26520	26550	26445	26.475
BAR. CORR. 65	+.010	+.005*	+.005	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK GUSTS SPEED (Kts.) 71	PEAK GUSTS DIRECTION 72	PEAK GUSTS TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
102	69	0	0	0	16	5	1251					3	2		

PRECIP. AND THDRSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

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

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

TIME CHECK:

TIME CHECK 0835 - OK

CLOCK ON TIME @ 2215 P

* BAROGRAM CHANGED AND SET TO ZERO CORRECTION 0947P

☆U.S. GOVERNMENT PRINTING OFFICE: 1974-865-076/1093 Region

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WBAN, DESERT ROCK, NV

DATE: 1979 SEP 1 0

TO CONVERT LST TO GMT ADD 8 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)	CODING INITIALS (15)
SA	0048	CLR	20			065	75	37	10	03		987	400	DS
SA	0145	CLR	20			069	75	36	09	03		988		DS
SA	0245	CLR	20			071	75	39	09	06		988		DS
SA	0347	CLR	20			075	72	37	03	05		989	207 71 RADAT 47143	SH
SA	0445	CLR	20			077	69	38	01	06		989		SH
SA	0546	CLR	20			081	69	36	05	04		991		SH
SA	0647	CLR	20			087	75	40	34	02		992	308	SH
SA	0746	CLR	20			084	83	39	20	04		992		SH
SA	0845	CLR	20			083	89	38	22	03		993	CU SE	SH
SA	0948	CLR	20			083	91	38	32	03		992	802 1100 68	SH
SH	1047	CLR	20			072	95	36	23	07		989	CU E-S	SH
SA	1148	CLR	20			069	97	34	24	04		988	CU ALQDS	SH
SA	1247	100 SCT	20			064	99	36	21	08		986	715 1100	SH
SA	1347	100 SCT	20			058	99	39	24	10		985	TCU SSE	SH
SA	1445	100 SCT	20			048	99	32	29	10		982	TCU S	SH
SA	1548	100 SCT	20			046	99	34	27	07		981	717 1100 00 RADAT 67144	DS
SA	1649	100 SCT	20			046	98	34	29	04		981		DS
SA	1746	100 SCT	20		04	044	95	35	29	02		980		DS
SA	1848	CLR	20			046	88	35	02	03		980	603 1400	DS
SA	1950	CLR	20			051	86	34	10	06		982		DS
SA	2046	CLR	20			057	83	35	06	04		984		DS
SA	2151	CLR	20			057	79	39	06	02		984	114 00	DS
SA	2250	CLR	20			057	76	34	06	01		984		DS
SA	2348	CLR	20			057	75	35	09	01		984		DS

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iliii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dopp $6P_oP_oP_oP_o$ $7RRR_{is}$ $8N_sCh\ h_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S. GPO:1977-0-765-005/1111

MF1-10B
(11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: [illegible] DESERT ROCK, NV

DATE: 79 SEP 10

To convert LST to GMT ADD 2 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	26.475	75.3	54.6	25	0															0	4	.000			00-01
01 45	26.485	74.7	54.0	24	0															0					01-02
02 45	26.490	75.0	55.2	27	0															0					02-03
03 47	26.495	72.2	53.4	28	0															0	2	.020			03-04
04 45	26.495	69.4	52.5	31	0															0					04-05
05 46	26.505	69.4	52.0	30	0															0					05-06
06 47	26.520	74.6	55.2	28	0															0	3	.025			06-07
07 46	26.520	83.0	58.3	21	0															0					07-08
08 45	26.525	88.7	60.0	17	0															0					08-09
09 48	26.515	90.5	60.5	16	0	0	CU	100												0	8	.005			09-10
10 47	26.495	94.6	61.3	13	0															0					10-11
11 48	26.485	97.0	61.7	11	0															0					11-12
12 47	26.470	98.8	62.7	11	1	1	CU	100												1	7	.045			12-13
13 47	26.455	98.5	63.4	13	2															2					13-14
14 45	26.430	99.0	61.8	10	2															2					14-15
15 48	26.420	98.5	62.0	10	2	2	CU	100												2	7	.050			15-16
16 49	26.415	98.0	61.8	11	2															2					16-17
17 46	26.410	94.7	61.0	12	1															1					17-18
18 48	26.410	88.2	58.8	15	0	0	SC	100												0	6	.010			18-19
19 50	26.430	86.3	57.7	15	0															0					19-20
20 46	26.450	83.3	57.0	18	0															0					20-21
21 51	26.450	79.0	56.7	24	0															0	1	.040			21-22
22 50	26.450	76.0	53.8	21	0															0					22-23
23 48	26.450	75.2	54.0	23	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF Ms Ps Hs Ds 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0343		0	0		77	71										
	0343	1	0	0	0	82	71		0								
	0944	2	0	0	0	92	68		0								
	1542	3	0	0	0	100	91		0								
	2144	4	0	0	0	99	78		0								
	MID.		0	0	0	79	74										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0946	1548	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.495	26.515	26.420	26.450
BAROGRAPH 64	26.495	26.575	26.420	26.450
BAR. CORR. 65	0	0	±0	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK GUSTS SPEED (Kts.) 71	PEAK GUSTS DIRECTION 72	PEAK GUSTS 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
100	68	0	0	0	17	W	1200					1	0		

PRECIP. AND THDRSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TOTAL SUNSHINE (Hrs.) | 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: 0548 - OK
1825 - OK

☆U.S. GOVERNMENT PRINTING OFFICE: 1974-665-076/1093 Region

MF1-10A
(1-77)

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

STATION WSMO. DESERT ROCK, NV

SURFACE WEATHER OBSERVATIONS

DATE 1979 SEP 11

TO CONVERT LST TO GMT ADD 7 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. SENSOR'S INITIALS (15)
SA	0047	CLR	20			056	75	38	08	01		984	400	DS
SA	0145	CLR	20			056	75	35	12	02		984		DS
SA	0245	CLR	20			057	71	35	09	02		984		DS
SA	0348	CLR	20			064	72	35	04	07		986	305 70 RADAT 56139	SH
SA	0447	CLR	20			066	79	28	06	12		987	CU W	SH
SA	0545	90 SCT	20			078	73	36	08	04		990		SH
SA	0646	90 SCT	20			084	81	27	03	08		992	217 1100	SH
SA	0745	140 SCT	20			080	84	26	04	16		991	CU SW	SH
SA	0845	CLR	20			080	89	27	02	12		991	CU SE-SW	SH
SA	0948	CLR	20			076	92	30	04	04		990	705 1100 70	SH
SA	1048	CLR	20			072	94	26	30	08		988	ACCAS SE CU SE	SH
SA	1146	CLR	20			064	98	31	18	06		986	CU BLDG SE	SH
SA	1247	CLR	20			058	99	28	25	07		985	815 1100	SH
SA	1347	100 SCT	20			053	100	28	24	09		984		SH
SA	1449	100 SCT	20			054	100	25	27	11		983		SH
SA	1549	100 SCT	20			049	100	32	23	10G	16	982	808 1100 02 RADAT 47145	DS
SA	1654	100 SCT	20			046	100	32	25	07		982		DS
SA	1748	CLR	20			051	94	32	24	03		982	SC SE-S	DS
SA	1848	CLR	20			051	86	32	00	00		982	400 1400	DS
SA	1948	CLR	20			061	81	31	05	01		984		DS
SA	2047	CLR	20			063	79	30	00	00		985		DS
SA	2146	CLR	20			063	76	31	05	02		985	110 02	DS
SA	2246	CLR	20			066	77	33	16	04		986		DS
SA	2349	CLR	20			063	76	36	20	01		986		DS

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iliii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dopp $6P_oP_oP_oP_o$ 7RRR.s $8N_sCh$ 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:1977-0-765-005/1111

MF1-10B
(11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION WSMO, DESERT ROCK, NV

DATE 1979 SEP 11

To convert LST to GMT ADD 25 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	26.450	74.7	54.7	27	0														0	4	000			00-01
01	45	26.450	75.0	53.8	23	0														0					01-02
02	45	26.450	71.2	52.2	27	0														0					02-03
03	48	26.465	72.0	52.5	25	0														0	3	.015			03-04
04	47	26.480	78.8	53.2	15	0														0					04-05
05	45	26.500	72.6	53.2	26	2														2					05-06
06	46	26.515	81.0	54.0	14	2	2	CU	90											2	2	.050			06-07
07	45	26.510	83.6	54.8	12	1														1					07-08
08	45	26.510	88.7	57.0	11	0														0					08-09
09	48	26.500	91.6	58.6	11	0	0	CU	100											0	7	.015			09-10
10	48	26.490	94.0	58.7	9	0														0					10-11
11	46	26.470	97.8	61.0	9	0														0					11-12
12	47	26.455	99.2	60.8	8	0	0	CU	100											0	8	.045			12-13
13	47	26.445	100.2	61.3	8	1														1					13-14
14	49	26.440	100.0	60.6	7	1														1					14-15
15	49	26.430	99.5	62.0	10	1	1	CU	100											1	8	.025			15-16
16	54	26.430	99.3	62.1	10	1														1					16-17
17	48	26.430	94.0	60.0	11	0														0					17-18
18	48	26.430	85.7	57.0	15	0	0	SC	100											0	4	.000			18-19
19	48	26.450	81.2	55.0	16	0														0					19-20
20	47	26.460	79.0	54.0	17	0														0					20-21
21	46	26.460	76.3	53.0	19	0														0	1	.030			21-22
22	46	26.470	76.9	53.9	20	0														0					22-23
23	49	26.470	76.2	54.5	23	0														0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF H_s H_s M_s P_s D_s 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	75	70		X	X	X	X	X	X	X		
	0344	1	0	0	0	79	70		0								
	0943	2	0	0	0	93	72		0								
	1543	3	0	0	0	102	92		0								
	2141	4	0	0	0	100	76		0								
	MID.	X	0	0	0	77	74		X	X	X	X	X	X	X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0946	1548	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.465	26.500	26.430	26.460
BAROGRAPH 64	26.460	26.500	26.425	26.450
BAR. CORR. 65	+.005	0	+.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK GUSTS: 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
102	70	0	0	0	18	W	1450					1	0		

PRECIP. AND THDRSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

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

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

TIME CHECK: CLOCK CORRECT 0900

1840 P CLOCK OK

☆U.S. GOVERNMENT PRINTING OFFICE: 1974-665-076/1093 Region

MF1-10A
(1-77)

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

STATION WMO DESERT ROCK NV

DATE 1979 SEP 12

TO CONVERT LST TO GMT ADD 8 hrs.

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0049	CLR	20			068	78	29	04	05		988	308	VS
SA	0145	CLR	20			066	82	28	05	10 G	18	988		VS
SA	0245	CLR	20			070	80	24	29	02		989		VS
SA	0347	CLR	20			075	80	25	06	10		991	307 72 RADAT 54143	CRD
SA	0447	CLR	20			078	79	23	05	13		992		CRD
SA	0545	CLR	20			091	78	21	04	17		994		CRD
SA	0646	CLR	20			098	80	21	06	13		995	215	CRD
SA	0747	CLR	20			105	82	21	04	14		997		CRD
SA	0845	CLR	20			107	85	22	03	15		997	Cu SE	CRD
SA	0945	CLR	20			103	90	25	04	10		996	003 1100 72	CRD
SA	1046	CLR	20			095	94	28	36	06		995	Cu SE	CRD
SA	1145	CLR	20			088	96	26	14	04		993	Cu SE	CRD
SA	1245	CLR	20			073	98	26	17	04		989	722 1100	CRD
SA	1345	CLR	20			064	100	29	01	03		987	Cu SE	CRD
SA	1450	CLR	20			060	101	27	30	06		986	Cu ALQDS	CRD
SA	1548	CLR	20			054	101	25	27	08 G	17	985	714 1100 01 RADAT 41145	VS
SA	1649	CLR	20			054	98	25	25	09		984		VS
SA	1747	CLR	20			057	95	27	23	08		984	~~302 1060~~	VS
SA	1846	CLR	20			062	89	25	32	02		985	302 1060	VS
SA	1947	CLR	20			069	82	29	04	03		986		VS
SA	2046	CLR	20			073	80	27	07	02		987		VS
SA	2149	CLR	20			074	81	28	04	06		989	215 01	VS
SA	2248	CLR	20			076	79	31	09	02		990		VS
SA	2349	CLR	20			079	75	30	06	04		990	Ac LYR E	VS

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRR.s $8N_sCh\ h_s$ 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:1977-0-765-005/1111

MF1-10B
(11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WOSAO, DESERT ROCK, NV

DATE: 1 9

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.485	78.0	53.2	16	0															0	3	.025			00-01
01 45	26.485	82.2	54.6	14	0															0					01-02
02 45	26.495	80.4	53.0	12	0															0					02-03
03 47	26.505	80.2	53.1	13	0															0	3	.020			03-04
04 47	26.515	79.3	52.3	12	0															0					04-05
05 45	26.535	77.9	51.4	12	0															0					05-06
06 46	26.550	80.0	52.3	11	0															0	2	.045			06-07
07 47	26.565	82.2	53.2	11	0															0					07-08
08 45	26.570	84.8	54.4	10	0															0					08-09
09 45	26.560	89.8	57.0	10	0	0	Cu	80												0	0	.010			09-10
10 46	26.545	94.1	59.2	10	0															0					10-11
11 45	26.530	96.0	59.3	8	0															0					11-12
12 45	26.495	97.6	60.0	8	0	0	Cu	80												0	7	.065			12-13
13 45	26.480	99.5	61.2	8	0															0					13-14
14 50	26.470	101.0	61.2	7	0															0					14-15
15 48	26.455	100.7	60.7	7	0	0	Cu	80												0	7	.040			15-16
16 49	26.450	98.2	60.0	7	0															0					16-17
17 47	26.450	94.6	59.0	9	0															0					17-18
18 46	26.460	88.5	56.3	10	0	0	Ac	110												0	3	.005			18-19
19 47	26.470	82.0	54.7	15	0															0					19-20
20 46	26.480	79.6	53.5	15	0															0					20-21
21 49	26.495	81.0	54.3	15	0															0	2	.035			21-22
22 48	26.500	78.6	54.0	20	0															0					22-23
23 49	26.505	75.3	52.5	19	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF H_S P_S H_S D_S 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	83	72		X	X	X	X	X	X	X		
	0344	1	0	0	0	83	72		0								
	0943	2	0	0	0	91	77		0								
	1543	3	0	0	0	101	90		0								
	2142	4	0	0	0	101	77		0								
	MID.	X	0	0	0	81	74		X	X	X	X	X	X	X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0944	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.505	26.560	26.455	26.49[illegible]
BAROGRAPH 64	26.500	26.560	26.460	26.50[illegible]
BAR. CORR. 65	+.005	0	-.005	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK GUSTS SPEED (Kts.) 71	PEAK GUSTS DIRECTION 72	PEAK GUSTS 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
101	72	0	0	0	18	W	*1543					0	0		

PRECIP. AND THORSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TOTAL SUNSHINE (Hrs.) — 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: 0958 OK /
2025 OK

* LAST OF SEVERAL OCCURANCES

MF1-10B

☆U.S. GOVERNMENT PRINTING OFFICE: 1974-665-076/1693 Region

MF1-10A
(1-77)

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

STATION: [illegible] DESERT ROCK, NV

DATE: [illegible] SEP 1 [illegible]

TO CONVERT LST TO GMT ADD 8 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)	ALTIM. ETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	CAL. SUMMARY DIFFERENCE (15)
SA	0050	CLR	20			080	74	30	07	02		991	205 1030	LS
SA	0147	120 SCT	20			081	78	28	10	02		992		LS
SA	0252	120 SCT	20			080	78	23	03	10		992		LS
SA	0347	CLR	20			082	77	17	06	10		993	305 72 RADAT 45140	CRD
SA	0448	CLR	20			084	78	21	05	14		993		CRD
SA	0553	CLR	20			092	78	17	07	11		994	Ci Ac S	CRD
SA	0645	CLR	20			098	80	19	05	11		995	308 1030	CRD
SA	0745	CLR	20			101	84	20	04	10		996	Ci S	CRD
SA	0848	CLR	20			101	87	18	05	07		996	Cu SE	CRD
SA	0948	CLR	20			101	91	18	03	08		996	103 1100 72	CRD
SA	1045	CLR	20			092	95	21	32	05		995	Cu SE	CRD
SA	1150	CLR	20			088	97	18	36	10		993	Cu SE	CRD
SA	1246	CLR	20			079	98	21	35	10		991	719 1100	CRD
SA	1347	80 SCT	20			067	99	23	16	04		987		CRD
SA	1452	80 SCT	20			059	99	22	25	04		985		CRD
SA	1549	80 SCT	20			054	101	23	27	08		984	719 1100 01 RADAT 44145	CG
SA	1650	80 SCT	20			052	98	20	13	05		983		CG
SA	1750	80 SCT	20			054	95	22	25	07		983		CG
SA	1852	80 SCT	20			059	88	25	30	05		984	500 1100	CG
SA	1950	80 SCT	20			064	84	24	06	02		985		CG
SA	2049	80 SCT	20			067	81	24	04	04		986		CG
SA	2151	80 SCT	20			068	78	22	12	04		986	107 1100 01	CG
SA	2249	80 SCT	20			068	85	25	32	10		988		CG
SA	2347	80 SCT	20			080	83	21	02	08		992		CG

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iiiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRRrs $8N_sCh$ h_s 9SpSpsosp $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S.GPO:1977-0-765-005/1111

MF1-10B
(11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WINN, DESERT ROCK, NV

DATE: 1978 SEP 1 3

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	26.510	74.2	52.0	20	0	0	Ac	120												0	2	015			00-01
01 47	26.520	78.0	53.2	16	4															3					01-02
02 52	26.520	78.3	52.0	13	2															2					02-03
03 47	26.525	77.2	50.4	10	0															0	3	015			03-04
04 48	26.525	77.8	51.3	12	0															0					04-05
05 53	26.540	77.5	50.5	10	0															0					05-06
06 45	26.550	79.6	51.7	10	0	0	Ac	160												0	3	.025			06-07
07 45	26.555	83.8	53.5	9	0															0					07-08
08 48	26.560	87.0	54.5	8	0															0					08-09
09 48	26.560	90.8	56.0	7	0	0	Cu	80												0	1	010			09-10
10 45	26.545	93.2	58.2	7	0															0					10-11
11 50	26.525	96.8	58.2	6	0															0					11-12
12 46	26.505	98.1	59.2	6	0	0	Cu	80												0	7	055			12-13
13 47	26.480	99.3	60.0	7	1															1					13-14
14 52	26.460	99.2	59.8	6	1															1					14-15
15 49	26.450	100.5	60.4	6	2	2	Cu	80												2	7	.055			15-16
16 50	26.440	98.3	59.0	6	2															2					16-17
17 50	26.440	94.7	58.1	7	2															2					17-18
18 52	26.450	87.6	56.0	10	2	2	Cu	80												2	5	.000			18-19
19 50	26.460	84.0	54.5	11	2															2					19-20
20 49	26.470	80.9	53.3	12	1															1					20-21
21 51	26.470	77.6	51.5	13	1	1	Cu	80												1	1	.020			21-22
22 49	26.490	84.9	55.0	11	2															2					22-23
23 47	26.520	83.4	53.6	10	2															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	SEA STATE 51	SWELL HGT. 52	SWELL PERIOD 53	SURF H_s M_s 54	SURF H_s P_s 54	SURF D_s 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	81	72		X	X	X	X	X	X	X	X	X		
	0345	1	0	0	0	81	72		0										
	0944	2	0	0	0	94	76		0										
	1544	3	0	0	0	101	91		0										
	2147	4	0	0	0	101	78		0										
	MID.	X	0	0	0	85	77		X	X	X	X	X	X	X	X	X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0947	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.525	26.560	26.450	26.480
BAROGRAPH 64	26.525	26.560	26.460	26.480
BAR. CORR. 65	0	0*	-.010	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK GUSTS SPEED (Kts.) 71	PEAK GUSTS DIRECTION 72	PEAK GUSTS 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
101	72	0	0	0	16	NE	0515					1	1		

PRECIP. AND THDRSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

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

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

TIME CHECK: 0950 P OK / 2230 OK

* BAROGRAPH CHART CHANGED

MF1-10B

☆U.S. GOVERNMENT PRINTING OFFICE: 1974-665-076/1093 Region

MF1-10A (1-77)

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

STATION: WSMO, DESERT ROCK, NV

SURFACE WEATHER OBSERVATIONS

DATE: 1979 SEP 14

TO CONVERT LST TO GMT ADD 8 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)	(15)
SA	0049	80 SCT	20			086	76	23	03	09		993	120 1100	CG
SA	0149	80 SCT	20			088	80	17	06	12		994		CG
SA	0252	80 SCT	20			089	79	17	02	11		994		CG
SA	0348	80 SCT 140 SCT	20			096	78	15	04	15		996	310 1170 75 RADAT 47141	CRD
SA	0448	80 SCT 140 SCT	20			109	76	13	03	13		999		CRD
SA	0545	80 SCT	20			118	75	10	05	10		002		CRD
SA	0647	CLR	20			129	77	11	03	18		004	224 1100	CRD
SA	0746	CLR	20			129	80	12	03	12		004		CRD
SA	0845	CLR	20			134	83	14	02	17		005		CRD
SA	0948	CLR	20			130	87	13	04	10		004	000 73	CRD
SA	1045	CLR	20			123	89	15	04	13	G18	004		CRD
SA	1146	CLR	20			121	90	13	03	11	G19	003		CRD
SA	1249	CLR	20			122	91	17	05	11		002	707	CRD
SA	1347	CLR	20			106	93	12	07	13		998		CRD
SA	1450	CLR	20			107	93	13	05	08		998		CRD
SA	1545	CLR	20			104	94	4	03	11		997	614 94 RADAT 20151	CG
SA	1646	CLR	20			105	92	8	02	15		997		CG
SA	1746	CLR	20			107	89	3	05	09		997		CG
SA	1846	CLR	20			112	86	4	06	14		998	303	CG
SA	1945	CLR	20			121	80	-6	06	09		001		CG
SA	2046	CLR	20			124	78	-4	06	08		002		CG
SA	2246	CLR	20			125	79	0	06	07		003	214 94	CG
SA	2348	CLR	20			129	75	7	08	05		004		CG
SA	2349	CLR	20			134	74	13	10	04		005		CG

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iliii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRR.s $8N_sCh$ 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:1977-0-765-005/1111

MF1-10B
(11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 SEP 14

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.530	76.3	51.1	14	1	1	Cu	80												1	1	.060			00-01
01 49	26.540	79.9	51.5	9	1															1					01-02
02 52	26.540	79.0	51.0	10	2															2					02-03
03 48	26.560	78.0	50.4	9	4	1	Cu	80	3	Ac	140	4								4	3	.030			03-04
04 48	26.590	75.8	49.0	9	4															4					04-05
05 45	26.610	74.8	48.2	8	3															3					05-06
06 47	26.630	76.9	49.2	8	0	0	Cu	80												0	2	.070			06-07
07 46	26.630	79.5	50.5	8	0															0					07-08
08 45	26.640	82.7	52.1	7	0															0					08-09
09 48	26.630	87.2	53.8	6	0															0	0	.000			09-10
10 45	26.625	89.4	54.9	6	0															0					10-11
11 46	26.620	90.0	54.8	6	0															0					11-12
12 49	26.610	91.3	56.0	7	0															0	7	.020			12-13
13 47	26.580	92.6	55.3	5	0															0					13-14
14 50	26.580	93.0	56.0	5	0															0					14-15
15 45	26.570	93.6	55.2	3	0															0	6	.040			15-16
16 46	26.570	91.9	55.0	4	0															0					16-17
17 46	26.570	88.8	53.3	4	0															0					17-18
18 46	26.580	85.5	52.0	4	0															0	3	.010			18-19
19 45	26.600	80.4	49.0	3	0															0					19-20
20 46	26.610	77.7	48.0	4	0															0					20-21
21 46	26.620	79.2	49.0	5	0															0	2	.040			21-22
22 46	26.630	75.2	48.0	7	0															0					22-23
23 49	26.640	72.6	48.1	10	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF H_S M_S H_S P_S D_S 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	83	75		X	X	X	X	X	X	X		
	0344	1	0	0	0	85	75		0								
	0945	2	0	0	0	89	73		0								
	1543	3	0	0	0	94	87		0								
	2143	4	0	0	0	94	74		0								
	MID.	X	0	0	0	79	74		X	X	X	X	X	X	X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1544	2141
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.560	26.630	26.570	26.620
BAROGRAPH 64	26.565	26.650	26.580	26.630
BAR. CORR. 65	-.005	-.020	-.010	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK GUSTS SPEED (Kts.) 71	PEAK GUSTS DIRECTION 72	PEAK GUSTS TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
94	73	0	0	0	24	NE	1354					0	1		

PRECIP. AND THDRSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TOTAL SUNSHINE (Hrs.) | 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: 1000 OK / 1810 OK

☆U.S. GOVERNMENT PRINTING OFFICE: 1974-665-076/1093 Region 6

MF1-10A
(1-77)

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

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 SEP 15

TO CONVERT LST TO GMT ADD 8 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	0046	CLR	20			133	74	4	10	10		005	107	CG
SA	0149	CLR	20			127	77	11	06	11		004		CG
SA	0250	CLR	20			136	72	6	11	10		006		CG
SA	0347	CLR	20			139	69	17	14	02		007	305 69 RADAT 23144	CRD
SA	0451	CLR	20			152	69	13	08	03		009		CRD
SA	0545	CLR	20			156	68	15	11	08		011		CRD
SA	0645	CLR	20			160	73	14	10	07		012	215	CRD
SA	0745	CLR	20			160	77	16	15	05		012		CRD
SA	0848	CLR	20			161	83	15	10	14		013		CRD
SA	0947	CLR	20			152	85	11	09	08		011	803 66	CRD
SA	1048	CLR	20			150	86	8	09	12		010		CRD
SA	1148	CLR	20			147	88	13	08	07		008		CRD
SA	1248	CLR	20			136	89	11	07	07	G17	006	715	CRD
SA	1349	CLR	20			127	90	8	11	10		004		CRD
SA	1450	CLR	20			126	90	15	14	10		003		CRD
SA	1545	CLR	20			124	90	15	13	12		002	712 92 RADAT 20153	CG
SA	1648	CLR	20			124	89	9	08	13		002		CG
SA	1746	CLR	20			127	86	10	12	12		002		CG
SA	1846	CLR	20			131	81	11	10	09		003	303	CG
SA	1949	CLR	20			138	79	12	09	08		005		CG
SA	2047	CLR	20			141	75	15	20	04		006		CG
SA	2149	CLR	20			145	71	14	05	06		007	214 92	CG
SA	2248	CLR	20			150	68	16	12	09		008		CG
SA	2346	CLR	20			150	66	15	34	06		008		CG

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIIII Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_aP_aP_aP_a$ 7RRRrs $8N_sCh$ 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:1977-0-765-005/1111

MF1-10B
(11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 SEP 1 0

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 46	26.640	74.4	47.2	6	0															0	1	.020			00-01
01 49	26.630	76.5	49.0	8	0															0					01-02
02 50	26.650	71.9	46.3	7	0															0					02-03
03 47	26.655	69.3	46.8	13	0															0	3	.015			03-04
04 51	26.680	68.5	45.8	12	0															0					04-05
05 45	26.690	67.7	45.7	13	0															0					05-06
06 45	26.700	72.9	48.0	10	0															0	2	.045			06-07
07 45	26.700	77.2	50.1	10	0															0					07-08
08 48	26.705	82.7	52.2	8	0															0					08-09
09 47	26.690	85.1	52.7	6	0															0	8	.010			09-10
10 48	26.680	86.3	52.8	5	0															0					10-11
11 48	26.670	87.5	54.0	6	0															0					11-12
12 48	26.645	88.9	54.2	5	0															0	7	.045			12-13
13 49	26.625	89.8	54.2	5	0															0					13-14
14 50	26.620	90.3	55.3	6	0															0					14-15
15 45	26.610	89.7	55.0	6	0															0	7	.035			15-16
16 48	26.610	88.9	54.0	5	0															0					16-17
17 46	26.610	85.9	52.8	6	0															0					17-18
18 46	26.620	81.4	51.1	7	0															0	3	.010			18-19
19 49	26.640	78.9	50.2	8	0															0					19-20
20 47	26.650	74.8	49.0	10	0															0					20-21
21 49	26.660	71.0	47.0	11	0															0	2	.040			21-22
22 48	26.670	67.9	46.0	13	0															0					22-23
23 46	26.670	66.4	45.1	14	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF H_S H_S M_S P_S D_S 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	78	69		X	X	X	X	X	X	X		
	0344	1	0	0	0	79	69		0								
	0945	2	0	0	0	86	66		0								
	1543	3	0	0	0	92	85		0								
	2146	4	0	0	0	90	70		0								
	MID.	X	0	0	0	71	66		X	X	X	X	X	X	X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0946	1544	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.655	26.690	26.610	26.660
BAROGRAPH 64	26.665	26.710	26.620	26.670
BAR. CORR. 65	-.010	-.020	-.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 GUSTS SPEED (Kts.) 71	PEAK GUSTS DIRECTION 72	PEAK GUSTS 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
92	66	0	0	0	23	SE	1525					0	0		

PRECIP. AND THDRSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TOTAL SUNSHINE (Hrs.) | 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: 0450 / OK

MF1-10B

☆U.S. GOVERNMENT PRINTING OFFICE: 1974-665-076/1093 Region 6

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 SEP 16

TO CONVERT LST TO GMT ADD 8 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)	U.C.D. SERVERS INITIALS (15)
SA	0049	CLR	20			145	67	17	13	07		007	000	CG
SA	0161	CLR	20			145	66	17	04	03		007		CG
SA	0245	CLR	20			146	63	17	36	06		007		CG
SA	0349	CLR	20			149	67	18	31	04		009	303 63 RADAT 42144	RD
SA	0452	CLR	20			153	62	19	07	04		009		RD
SA	0549	CLR	20			156	64	22	34	05		011		RD
SA	0649	CLR	20			159	72	29	05	05		012	208	RD
SA	0750	CLR	20			160	75	30	22	03		012		RD
SA	0850	CLR	20			160	80	33	11	03		012		RD
SA	0951	CLR	20			155	83	32	07	04		010	805 61	RD
SA	1046	CLR	20			146	87	34	06	04		008		RD
SA	1149	CLR	20			136	88	36	12	06		005		RD
SA	1249	CLR	20			126	89	31	11	15		002	724 1100	RD
SA	1347	CLR	20			123	89	32	11	07		001	Cu S	RD
SA	1451	CLR	20			116	90	33	12	06		999	Cu S	RD
SA	1547	CLR	20			114	91	37	11	10		999	610 91 RADAT 36147	JK
SA	1648	CLR	20			116	89	33	15	08		999		JK
SA	1746	CLR	20			116	87	34	14	08		999		JK
SA	1850	CLR	20			120	83	33	11	08		000	305	JK
SA	1949	CLR	20			124	79	34	12	06		002		JK
SA	2046	CLR	20			126	75	35	13	10		002		JK
SA	2145	CLR	20			129	73	35	06	02		003	208 91	JK
SA	2247	CLR	20			130	71	35	07	05		004		JK
SA	2348	CLR	20			131	69	34	09	02		004		JK

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iiiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRRrs $8N_sCh\ h_s$ 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:1977-0-765-005/1111

MF1-10B
(11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 SEP 16

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
0049	26.660	67.4	46.0	14	0															0	0	.000			00-01
0151	26.660	65.7	45.3	15	0															0					01-02
0245	26.660	63.3	44.5	18	0															0					02-03
0349	26.670	66.6	45.8	15	0															0	3	.010			03-04
0452	26.675	62.1	44.0	19	0															0					04-05
0549	26.685	63.5	45.3	20	0															0					05-06
0649	26.695	72.1	50.2	19	0															0	2	.025			06-07
0750	26.700	76.7	53.0	18	0															0					07-08
0850	26.700	79.8	55.1	18	0															0					08-09
0951	26.680	83.0	56.0	16	0															0	8	.015			09-10
1046	26.665	87.3	58.2	15	0															0					10-11
1149	26.640	88.2	58.9	16	0															0					11-12
1249	26.610	88.9	58.0	13	0	0	Cu	80												0	7	.070			12-13
1347	26.600	89.0	58.2	13	0															0					13-14
1451	26.580	89.9	58.8	13	0															0					14-15
1547	26.580	91.0	60.3	15	0															0	6	.030			15-16
1648	26.580	89.2	58.7	14	0															0					16-17
1746	26.580	87.0	58.0	15	0															0					17-18
1850	26.595	82.9	56.2	16	0															0	3	.015			18-19
1949	26.605	79.2	55.2	20	0															0					19-20
2046	26.610	74.9	53.7	23	0															0					20-21
2145	26.620	73.0	53.0	25	0															0	2	.025			21-22
2247	26.625	70.8	52.0	27	0															0					22-23
2348	26.625	69.0	51.0	27	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF H_S M_S P_S D_S 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	68	63		X	X	X	X	X	X	X		
	0345	1	0	0	0	71	63		0								
	0946	2	0	0	0	83	61		0								
	1544	3	0	0	0	91	83		0								
	2143	4	0	0	0	91	73		0								
	MID.	X	0	0	0	75	69		X	X	X	X	X	X	X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0950	1545	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.670	26.680	26.580	26.626
BAROGRAPH 64	26.685	26.705	26.590	26.635
BAR. CORR. 65	-.015	-.025	-.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 GUSTS SPEED (Kts.) 71	PEAK GUSTS DIRECTION 72	PEAK GUSTS TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
91	61	0	0	0	23	E	1213					0	0		

PRECIP. AND THDRSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TOTAL SUNSHINE (Hrs.) | 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: 0636 OK / 1855 OK

☆U.S. GOVERNMENT PRINTING OFFICE: 1974-665-076/1093 Region

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 SEP 17

TO CONVERT LST TO GMT ADD 8 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)	COL. SEPTEMS INITIALS (15)
SA	0049	CLR	20			131	69	34	13	05		004	102	JK
SA	0150	CLR	20			132	68	32	11	05		004		JK
SA	0252	CLR	20			134	65	35	00	00		004		JK
SA	0348	CLR	20			135	63	33	15	03		004	102 63 RADAT 21140	RD
SA	0448	CLR	20			138	61	34	00	00		005		RD
SA	0547	CLR	20			143	65	34	00	00		007		RD
SA	0649	CLR	20			149	67	34	00	00		008	210	RD
SA	0747	CLR	20			149	75	35	10	03		009		RD
SA	0849	CLR	20			151	81	34	22	03		009		RD
SA	0950	CLR	20			147	86	35	16	03		009	003 1100 60	RD
SA	1048	CLR	20			139	88	32	23	04		007	FEW CU N S	RD
SA	1148	CLR	20			129	91	32	33	08		003	FEW CU N S	RD
SA	1249	CLR	20			116	93	31	07	05		000	725 1100	RD
SA	1348	CLR	20			109	93	33	29	03		998	CU N S	RD
SA	1450	CLR	20			105	96	30	22	10		997	FEW CU	RD
SA	1545	CLR	20			102	95	26	20	06		995	715 1100 96 RADAT 30139	JK
SA	1645	CLR	20			100	94	25	30	04		994	FEW CU	JK
SA	1745	CLR	20			103	90	28	20	10		995		JK
SA	1850	CLR	20			114	84	28	33	02		997	307	JK
SA	1951	CLR	20			115	81	28	11	03		998		JK
SA	2045	CLR	20			118	77	26	05	02		999		JK
SA	2145	CLR	20			116	74	27	05	06		999	107 96	JK
SA	2245	CLR	20			119	74	27	13	02		001		JK
SA	2348	CLR	20			120	70	29	00	00		001		JK

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iliii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dopp $6P_oP_oP_oP_o$ 7RRR.s $8N_sCh\ h_s$ $9S_pS_pspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S.GPO:1977-0-765-005/1111

MF1-10B
(11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 SEP 17

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
0049	26.625	69.0	51.0	27	0															0	1	.005			00-01
0150	26.630	68.2	50.1	26	0															0					01-02
0257	26.630	65.1	49.6	32	0															0					02-03
0348	26.630	62.6	48.0	33	0															0	1	.025			03-04
0448	26.635	61.3	47.8	36	0															0					04-05
0547	26.650	64.8	49.1	31	0															0					05-06
0647	26.660	67.4	50.2	29	0															0	2	.030			06-07
0747	26.670	75.1	53.7	23	0															0					07-08
0849	26.675	81.3	56.0	18	0															0					08-09
0950	26.670	86.0	57.8	16	0	0	Cu	80												0	0	.010			09-10
1048	26.650	88.0	57.9	14	0															0					10-11
1148	26.620	91.2	59.1	12	0															0					11-12
1249	26.595	92.8	59.4	11	0	0	Cu	80												0	7	.075			12-13
1348	26.575	93.2	60.0	12	0															0					13-14
1450	26.560	96.0	60.2	10	0															0					14-15
1545	26.550	95.0	59.0	9	0	0	Cu	80												0	7	.045			15-16
1645	26.540	94.2	58.5	8	0															0					16-17
1745	26.550	96.1	57.7	11	0															0					17-18
1850	26.570	84.2	55.4	13	0															0	3	.020			18-19
1951	26.580	80.8	54.2	15	0															0					19-20
2045	26.590	76.8	52.1	15	0															0					20-21
2145	26.590	74.1	51.1	17	0															0	1	.020			21-22
2245	26.600	74.3	51.1	17	0															0					22-23
2348	26.600	70.1	50.0	22	0															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF Hs Ms Hs Ps Ds 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	69	63		X	X	X	X	X	X	X		
	0344	1	0	0	0	75	63		0								
	0944	2	0	0	0	86	60		0								
	1543	3	0	0	0	96	86		0								
	2143	4	0	0	0	95	74		0								
	MID.	X	0	0	0	75	70		X	X	X	X	X	X	X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1544	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.630	26.670	26.550	26.590
BAROGRAPH 64	26.645	26.670	26.550	26.585
BAR. CORR. 65	-.015	+0*	+.0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK GUSTS SPEED (Kts.) 71	PEAK GUSTS DIRECTION 72	PEAK GUSTS TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
96	60	0	0	0	15	SW	1315					0	0		

PRECIP. AND THDRSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TOTAL SUNSHINE (Hrs.) | 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: 1050 OK / 1900 OK

* CHANGED AND RESET MICROBAROGRAPH AT 0947 LST

☆U.S. GOVERNMENT PRINTING OFFICE: 1974-665-076/1093 Region

MF1-10A
(1-77)

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

STATION WSMO, DESERT ROCK, NV

DATE 1979 SEP 1 8

TO CONVERT LST TO GMT ADD 8 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	0045	CLR	20			121	68	29	00	00		001	103	JK
SA	0148	CLR	20			120	69	28	14	07		001		JK
SA	0250	CLR	20			119	64	28	00	00		000		JK
SA	0349	CLR	20			125	67	30	00	00		003	305 63 RADAT 37140	RD
SA	0448	CLR	20			131	62	27	07	03		003		RD
SA	0547	CLR	20			135	63	30	22	03		005		RD
SA	0649	CLR	20			138	71	27	00	00		005	208	RD
SA	0748	CLR	20			139	77	28	17	03		006		RD
SA	0848	CLR	20			141	85	25	12	08		007		RD
SA	0950	CLR	20			140	88	24	14	10		007	FEW Cu N S/003 1100 62	RD
SA	1048	CLR	20			133	91	26	10	06		005	Cu N S	RD
SA	1149	CLR	20			125	93	29	13	07		003	Cu N S	RD
SA	1248	CLR	20			120	94	29	28	05		001	717 1100	RD
SA	1350	CLR	20			115	95	29	22	10		000	Cu N S	RD
SA	1450	CLR	20			113	96	31	24	09		999	Cu N S	RD
SA	1546	CLR	20			103	96	24	24	10		996	814 1100 97 RADAT 42138	JK
SA	1645	CLR	20			106	95	25	27	08		996		JK
SA	1745	CLR	20			107	91	24	24	07		996		JK
SA	1847	CLR	20			107	85	25	00	00		996	400	JK
SA	1946	CLR	20			105	82	27	25	02		996		JK
SA	2045	CLR	20			110	82	26	16	02		998		JK
SA	2145	CLR	20			114	76	27	00	00		999	310 97	JK
SA	2245	CLR	20			115	74	27	06	09		999		JK
SA	2345	CLR	20			107	78	26	05	06		998		JK

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iliii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRR.s $8N_sCh$ 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:1977-0-765-005/1111

MF1-10B
(11-74)

SURFACE WEATHER OBSERVATIONS

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 SEP 18

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 45	26.600	67.9	48.9	23	0															0	1	.010			00-01
01 48	26.600	68.5	48.9	21	0															0					01-02
02 50	26.595	64.1	47.0	25	0															0					02-03
03 49	26.615	67.0	48.8	25	0															0	3	.015			03-04
04 48	26.620	62.4	46.1	26	0															0					04-05
05 47	26.635	62.6	47.0	29	0															0					05-06
06 49	26.640	76.9	49.8	19	0															0	2	.025			06-07
07 48	26.645	77.1	52.6	16	0															0					07-08
08 48	26.655	85.0	55.0	11	0															0					08-09
09 50	26.650	87.9	56.0	10	0	0	Cu	80												0	0	.010			09-10
10 48	26.640	90.8	57.4	10	0															0					10-11
11 49	26.620	93.2	58.9	10	0															0					11-12
12 48	26.600	94.4	59.4	10	0	0	Cu	80												0	7	.050			12-13
13 50	26.590	95.0	59.0	10	0															0					13-14
14 50	26.580	95.8	59.6	10	0															0					14-15
15 46	26.560	95.8	58.8	8	0	0	Cu	80												0	8	.040			15-16
16 45	26.560	95.0	58.8	8	0															0					16-17
17 45	26.560	90.6	57.0	9	0															0					17-18
18 47	26.560	85.0	55.0	11	0															0	4	.000			18-19
19 46	26.570	82.1	54.4	14	0															0					19-20
20 45	26.580	82.0	54.0	13	0															0					20-21
21 45	26.590	76.3	52.0	16	0															0	3	.030			21-22
22 45	26.590	74.0	51.0	17	0															0					22-23
23 45	26.580	78.2	52.6	15	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF H_s M_s P_s D_s 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	70	63		X	X	X	X	X	X	X		
	0344	1	0	0	0	75	63		0								
	0945	2	0	0	0	88	62		0								
	1543	3	0	0	0	97	88		0								
	2142	4	0	0	0	96	76		0								
	MID.	X	0	0	0	78	74		X	X	X	X	X	X	X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0949	1544	2143
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.615	26.650	26.560	26.590
BAROGRAPH 64	26.610	26.650	26.560	26.580
BAR. CORR. 65	+.005	+.0	+.0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK GUSTS SPEED (Kts.) 71	PEAK GUSTS DIRECTION 72	PEAK GUSTS 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
97	62	0	0	0	17	W	1616					0	0		

PRECIP. AND THDRSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TOTAL SUNSHINE (Hrs.) 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: 1038P OK / 1830 OK

MF1-10B

☆U.S. GOVERNMENT PRINTING OFFICE: 1974-665-076/1093 Region

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 SEP 19

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0045	CLR	20			107	73	28	03	03		998	603	JK
SA	0145	CLR	20			109	70	30	07	07		998		JK
SA	0250	CLR	20			107	75	28	11	09		998		JK
SA	0349	CLR	20			114	68	29	04	04		000	303 67 RADAT 31139	HS
SA	0449	CLR	20			120	65	31	35	05		001		HS
SA	0548	250-SCT	20			124	64	30	02	03		002		HS
SA	0648	250-SCT	20			124	70	33	34	05		002	207 1501	HS
SA	0749	250-SCT	20			126	76	33	15	03		003		HS
SA	0849	250-SCT	20			126	82	34	06	02		003		HS
SA	0949	250-SCT	20			121	86	35	24	09		002	000 1601 64	HS
SA	1049	CLR	20			113	91	30	23	09		000	CW SE	HS
SA	1151	CLR	20			109	93	30	23	12	G23	999	CW SE	HS
SA	1251	CLR	20			096	92	27	24	16	G24	996	820 1100	HS
SA	1350	CLR	20			090	90	30	23	14	G23	992	CW E-SE	HS
SA	1446	CLR	20			078	94	28	23	14	G20	990	CW SE	HS
SA	1550	CLR	20			079	93	16	21	15	G25	989	720 1100 95 RADAT 32135	LEF
SA	1650	CLR	20			080	91	20	22	14		988		LEF
SA	1750	CLR	20			076	87	21	19	12		987		LEF
SA	1850	CLR	20			083	82	21	18	05		989	500	LEF
SA	1950	CLR	20			086	78	27	17	03		991		LEF
SA	2050	CLR	20			086	78	31	18	05		991		LEF
SA	2150	CLR	20			087	74	28	03	01		991	107 95	LEF
SA	2249	CLR	20			083	76	29	36	02		991		LEF
SA	2348	CLR	20			079	75	30	10	02		990		LEF

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iiiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRR.s $8N_sCh$ 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:1977-0-765-005/1111

MF1-10B (11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 SEP 19

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 45	26.580	72.9	50.8	19	0															0	6	.010			00-01
01 45	26.580	70.1	50.3	23	0															0					01-02
02 50	26.580	74.8	51.7	18	0															0					02-03
03 49	26.590	67.8	49.0	23	0															0	3	.010			03-04
04 49	26.600	65.3	48.6	28	0															0					04-05
05 48	26.610	64.4	47.8	27	3															0					05-06
06 48	26.610	70.0	51.2	26	2	0	Su	90	2	Ci	250	2								0	2	.020			06-07
07 49	26.620	76.4	53.6	21	2															0					07-08
08 49	26.620	82.0	56.3	18	2															0					08-09
09 49	26.610	86.0	58.0	16	1	0	Cu	90	1	Ci	250	1								0	0	.000			09-10
10 49	26.590	90.7	58.1	11	0															0					10-11
11 51	26.580	92.8	59.0	11	0															0					11-12
12 51	26.550	92.4	58.3	10	0	0	Cu	90												0	8	.060			12-13
13 50	26.520	90.3	58.3	12	0															0					13-14
14 46	26.500	94.1	59.0	9	0															0					14-15
15 50	26.490	92.6	56.4	6	0	0	Cu	90												0	7	.060			15-16
16 50	26.480	90.8	56.3	8	0															0					16-17
17 50	26.475	87.0	55.0	9	0															0					17-18
18 50	26.490	82.3	53.2	10	0															0	5	.000			18-19
19 50	26.505	78.3	52.8	15	0															0					19-20
20 50	26.510	78.2	53.9	18	0															0					20-21
21 50	26.510	74.2	51.3	16	0															0	1	.020			21-22
22 49	26.510	75.7	52.3	18	0															0					22-23
23 48	26.500	75.0	52.3	19	0															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF Hs Ps 54	SURF Hs Ds 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	78	67		X	X	X	X	X	X	X	X		
	0344	1	0	0	0	78	67		0									
	0944	2	0	0	0	89	64		0									
	1545	3	0	0	0	95	86		0									
	2145	4	0	0	0	93	74		0									
	MID.	X	0	0	0	76	73		X	X	X	X	X	X	X	X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0948	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.590	26.610	26.490	26.510
BAROGRAPH 64	26.580	26.600	26.490	26.490
BAR. CORR. 65	+.010	+.010	±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 GUSTS SPEED (Kts.) 71	PEAK GUSTS DIRECTION 72	PEAK GUSTS TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
95	64	0	0	0	25	SW	1543					1	0		

PRECIP. AND THDRSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TOTAL SUNSHINE (Hrs.)	PERCENT OF POSSIBLE SUNSHINE	CHARACTER OF SUNRISE	CHARACTER OF SUNSET
FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H.	OR FASTEST MILE M.P.H.	ASSOCIATED DIRECTION	TIME

TIME CHECK: CLOCK: 1200P - OK 1945P - OK

☆U.S. GOVERNMENT PRINTING OFFICE: 1974-665-076/1093 Region

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 SEP 2 0

TO CONVERT LST TO GMT ADD 8 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. SECRETARY INITIALS (15)
SA	0049	CLR	20			083	69	28	04	04		990	603	LEF
SA	0150	CLR	20			086	69	30	05	02		991		LEF
SA	0245	CLR	20			082	69	30	04	03		991		LEF
SA	0350	CLR	20			086	66	28	03	07		991	103 66 RADAT 30133	HS
SA	0447	CLR	20			093	63	29	02	05		992		HS
SA	0547	CLR	20			099	63	29	02	09		993		HS
SA	0650	CLR	20			108	64	31	19	02		996	314	HS
SA	0750	CLR	20			108	75	31	36	03		997		HS
SA	0850	CLR	20			106	80	18	03	12		997		HS
SA	0948	CLR	20			106	83	21	31	05		997	103 62	HS
SA	1050	CLR	15			101	84	20	25	07		996	HK ALQDS	HS
SA	1149	CLR	15			093	87	24	26	04		993	HK ALQDS	HS
SA	1249	CLR	15			087	89	22	29	07		991	HK ALQDS TIT 1100	HS
SA	1346	CLR	15			080	87	26	26	09		989	CU SE HK ALQDS	HS
SA	1447	CLR	15			075	90	19	28	08		988	CU SE HK ALQDS	HS
SA	1550	CLR	15			077	90	14	28	05		988	610 91 RADAT 23133	LEF
SA	1650	CLR	15			079	88	15	25	06		988		LEF
SA	1748	CLR	15			084	82	19	24	04		988		LEF
SA	1850	CLR	15			094	75	16	09	02		990	307	LEF
SA	1950	CLR	15			095	72	14	08	03		992		LEF
SA	2047	CLR	15			098	67	17	07	02		993		LEF
SA	2150	CLR	15			100	67	13	07	02		994	212 91	LEF
SA	2250	CLR	15			100	65	18	08	02		993		LEF
SA	2350	CLR	15			098	64	13	29	01		993		LEF

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iiiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRR.s $8N_sCh\ h_s$ 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:1977-0-765-005/1111

MF1-10B
(11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: USMO DESERT ROCK NV

DATE: 1979 SEP 20

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.500	68.7	49.0	22	0															0	6	010			00-01
01 50	26.510	69.4	50.0	23	0															0					01-02
02 45	26.505	68.9	49.7	23	0															0					02-03
03 50	26.510	66.1	47.9	24	0															0	1	.010			03-04
04 47	26.520	63.4	47.0	27	0															0					04-05
05 47	26.530	62.6	46.7	28	0															0					05-06
06 50	26.550	64.4	48.1	28	0															0	3	.040			06-07
07 50	26.560	75.3	52.7	20	0															0					07-08
08 50	26.560	80.2	51.7	10	0															0					08-09
09 48	26.560	82.6	53.3	10	0															0	1	.010			09-10
10 50	26.550	84.0	53.7	9	0															0					10-11
11 49	26.530	87.4	55.7	10	0															0					11-12
12 49	26.510	89.0	56.0	9	0	0	CU	90												0	7	.050			12-13
13 46	26.490	87.1	56.0	11	0															0					13-14
14 47	26.480	90.0	55.8	7	0															0					14-15
15 50	26.480	90.0	55.0	6	0															0	6	030			15-16
16 50	26.480	88.4	54.5	6	0															0					16-17
17 48	26.485	82.3	52.8	9	0															0					17-18
18 50	26.500	74.6	49.0	11	0															0	3	020			18-19
19 50	26.515	71.8	47.5	11	0															0					19-20
20 47	26.525	67.2	45.8	14	0															0					20-21
21 50	26.535	67.0	45.0	12	0															0	2	035			21-22
22 50	26.530	64.8	44.5	16	0															0					22-23
23 50	26.530	63.6	43.5	14	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF H_s M_s H_s P_s D_s 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0345		0	0		75	66										
	0345	1	0	0	0	76	66		0								
	0943	2	0	0	0	85	62		0								
	1545	3	0	0	0	91	83		0								
	2145	4	0	0	0	90	67		0								
	MID.		0	0	0	67	63										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0947	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.510	26.560	26.480	26.535
BAROGRAPH 64	26.500	26.550	26.480	26.515
BAR. CORR. 65	+.010	+.010	±0	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK GUSTS SPEED (Kts.) 71	PEAK GUSTS DIRECTION 72	PEAK GUSTS TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
91	62	0	0	0	15	W	1309					0	0		

PRECIP. AND THDRSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 85	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

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

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

TIME CHECK: CLOCK: 1124P - OK 1648 - ON TIME

MF1-10B

☆U.S. GOVERNMENT PRINTING OFFICE: 1974-665-076/1093 Region

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 SEP 2 1

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0048	CLR	15			100	63	12	11	01		994	500	LEF
SA	0150	CLR	15			101	62	15	09	02		994		LEF
SA	0249	CLR	15			098	63	14	09	01		994		LEF
SA	0348	CLR	15			097	61	17	05	04		993	802 60 RADAT 51130	HS
SA	0447	CLR	15			105	62	22	17	02		996		HS
SA	0547	CLR	15			114	61	17	18	02		997	HK ALQDS	HS
SA	0649	CLR	15			124	65	21	02	02		999	HK ALQDS 217	HS
SA	0750	CLR	15			125	72	20	31	03		000	HK ALQDS	HS
SA	0849	CLR	15			123	81	20	24	02		000	HK ALQDS	HS
SA	0950	CLR	15			118	85	17	25	03		999	HK ALQDS 002 59	HS
SA	1050	CLR	15			111	88	21	28	04		998	HK ALQDS	HS
SA	1150	CLR	15			106	90	18	24	03		996	HK ALQDS	HS
SA	1249	CLR	15			099	92	9	19	10	G23	994	HK ALQDS 715	HS
SA	1350	CLR	15			095	92	13	23	10		993	HK ALQDS	HS
SA	1445	CLR	15			092	91	12	23	07	G19	992	HK ALQDS	HS
SA	1550	CLR	15			091	92	13	24	10G	21	992	708 94 RADAT 20143	LEF
SA	1650	CLR	15			088	89	16	21	11		991		LEF
SA	1750	CLR	20			095	85	23	21	09		992		LEF
SA	1850	CLR	20			098	81	34	18	07		993	303	LEF
SA	1949	CLR	20			096	79	25	03	01		993		LEF
SA	2050	CLR	20			096	76	24	06	04		994		LEF
SA	2150	CLR	20			105	73	25	09	06		997	312 94	LEF
SA	2250	CLR	20			103	74	27	11	07		996		LEF
SA	2350	CLR	20			111	68	25	02	03		998		LEF

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_sC_LhC_MC_H$ T_dT_dpp $6P_oP_oP_oP_o$ 7RRRrs $8N_sCh$ 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:1977-0-765-005/2111

MF1-10B
(11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 SEP 21

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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	26.535	63.0	43.0	13	0															0	5	000			00-01
01 50	26.535	62.1	43.1	16	0															0					01-02
02 49	26.535	63.0	43.4	15	0															0					02-03
03 48	26.530	61.3	43.2	18	0															0	8	.005			03-04
04 47	26.550	62.0	44.6	22	0															0					04-05
05 47	26.560	61.0	43.1	18	0															0					05-06
06 49	26.580	65.0	45.7	18	0															0	2	.050			06-07
07 50	26.590	71.6	48.4	14	0															0					07-08
08 49	26.590	80.5	52.2	10	0															0					08-09
09 50	26.585	85.1	53.6	8	0															0	0	.005			09-10
10 50	26.570	88.3	55.6	9	0															0					10-11
11 50	26.555	89.5	55.4	7	0															0					11-12
12 49	26.540	91.6	55.0	5	0															0	7	.045			12-13
13 50	26.525	92.2	55.7	5	0															0					13-14
14 45	26.520	91.3	55.3	5	0															0					14-15
15 50	26.515	91.7	55.5	5	0															0	7	025			15-16
16 50	26.505	89.3	55.1	7	0															0					16-17
17 50	26.515	85.4	54.9	10	0															0					17-18
18 50	26.525	80.5	54.3	16	0															0	3	010			18-19
19 49	26.525	78.5	52.5	14	0															0					19-20
20 50	26.535	76.0	51.1	14	0															0					20-21
21 50	26.560	72.7	50.0	17	0															0	3	035			21-22
22 50	26.555	74.0	51.5	19	0															0					22-23
23 50	26.575	67.8	47.9	20	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF H_s M_s P_s H_s D_s 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	66	60		X	X	X	X	X	X	X		
	0343	1	0	0	0	67	60		0								
	0945	2	0	0	0	87	59		0								
	1545	3	0	0	0	94	85		0								
	2145	4	0	0	0	92	72		0								
	MID.	X	0	0	0	75	66		X	X	X	X	X	X	X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0945	1545	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.530	26.585	26.515	26.560
BAROGRAPH 64	26.520	26.580	26.510	26.540
BAR. CORR. 65	+.010	+.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 GUSTS: 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
94	59	0	0	0	23	S	1244					0	0		

PRECIP. AND THDRSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

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

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

TIME CHECK: CLOCK: 1153P - OK 2358 - OK

MF1-10B

☆U.S. GOVERNMENT PRINTING OFFICE: 1974-665-076/1093 Region

MF1-10A (1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 SEP 2 2

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0050	CLR	20			112	70	26	08	04		999	307	LEF
SA	0149	CLR	20			110	74	26	09	06		999		LEF
SA	0250	CLR	20			112	70	26	07	02		999		LEF
SA	0350	CLR	20			114	65	29	32	02		999	400 63 RADAT 20156	HS
SA	0448	CLR	20			119	64	28	10	05		000		HS
SA	0549	CLR	20			127	64	28	12	02		002		HS
SA	0648	CLR	20			134	67	30	06	03		003	214	HS
SA	0748	CLR	20			131	74	31	16	02		003		HS
SA	0851	CLR	20			132	81	32	30	02		004		HS
SA	0950	CLR	20			131	87	32	24	08		004	103 61	HS
SA	1048	CLR	20			128	89	34	18	10 G19		004		HS
SA	1150	CLR	20			125	91	34	18	10 G23		002		HS
SA	1246	CLR	20			115	91	31	21	14 G23		000	714	HS
SA	1348	CLR	20			107	92	26	21	14 G27		998		HS
SA	1445	CLR	20			105	93	30	22	10 G19		997		HS
SA	1550	CLR	20			106	91	27	20	18		997	710 94 RADAT 20155	LEF
SA	1650	CLR	20			110	89	23	20	16		997		LEF
SA	1748	CLR	20			112	86	26	24	18		997		LEF
SA	1850	CLR	20			119	82	28	20	08		999	207	LEF
SA	1950	CLR	20			120	81	31	20	07		000		LEF
SA	2050	CLR	20			123	77	32	02	04		002		LEF
SA	2150	CLR	20			122	78	28	36	05		003	212 94	LEF
SA	2250	CLR	20			129	77	37	03	02		004		LEF
SA	2350	CLR	20			134	71	33	02	05		005		LEF

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iliii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dopp $6P_oP_oP_oP_o$ 7RRRrs $8N_sCh\ h_s$ 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:1977-0-765-005/1111

MF1-10B
(11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 SEP 22

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.580	70.0	49.0	19	0															0	3	020			00-01
01 49	26.580	74.4	51.0	17	0															0					01-02
02 50	26.580	70.0	49.0	19	0															0					02-03
03 50	26.580	64.9	47.8	26	0															0	4	.000			03-04
04 48	26.590	63.8	47.0	26	0															0					04-05
05 49	26.605	64.4	47.2	25	0															0					05-06
06 48	26.620	67.3	49.2	25	0															0	2	.040			06-07
07 48	26.620	73.6	52.0	21	0															0					07-08
08 51	26.630	81.0	55.1	17	0															0					08-09
09 50	26.630	87.0	57.6	14	0															0	1	.010			09-10
10 48	26.625	89.3	59.0	14	0															0					10-11
11 50	26.610	91.0	59.5	13	0															0					11-12
12 46	26.590	90.7	58.5	12	0															0	7	.040			12-13
13 48	26.575	92.1	58.0	9	0															0					13-14
14 45	26.565	92.8	59.0	11	0															0					14-15
15 50	26.560	90.8	57.7	10	0															0	7	030			15-16
16 50	26.565	89.0	56.2	9	0															0					16-17
17 48	26.565	86.0	55.7	11	0															0					17-18
18 50	26.580	82.0	54.5	13	0															0	2	020			18-19
19 50	26.595	80.9	55.0	16	0															0					19-20
20 50	26.605	77.4	53.8	19	0															0					20-21
21 50	26.615	78.0	52.9	16	0															0	2	035			21-22
22 50	26.630	76.5	55.0	24	0															0					22-23
23 50	26.640	71.3	51.8	25	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF H_s H_s M_s P_s D_s 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0345		0	0		75	63										
	0345	1	0	0	0	75	63		0								
	0945	2	0	0	0	88	61		0								
	1545	3	0	0	0	94	87		0								
	2145	4	0	0	0	91	75		0								
	MID.		0	0	0	80	70										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.580	26.630	26.560	26.615
BAROGRAPH 64	26.565	26.625	26.560	26.595
BAR. CORR. 65	+.015	+.005	.10	+.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 GUSTS: 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
94	61	0	0	0	27	SW	1345					0	0		

PRECIP. AND THDRSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

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

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

TIME CHECK: CLOCK: 1155P -10SEC SLOW 2340 ON TIME

MF1-10B

☆U.S. GOVERNMENT PRINTING OFFICE: 1974-665-076/1093 Region

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 SEP 23

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			136	70	36	36	02		006	210	LEF
SA	0150	CLR	20			137	65	33	02	04		005		LEF
SA	0247	CLR	20			133	67	34	05	03		005		LEF
SA	0349	CLR	20			132	67	34	09	04		004	705 65 RADAT 20154	LL
SA	0448	CLR	20			140	62	33	09	02		005		LL
SA	0546	CLR	20			148	60	30	24	03		007		LL
SA	0648	CLR	20			151	70	31	08	02		009	314	LL
SA	0747	CLR	20			147	78	33	02	03		009		LL
SA	0847	CLR	20			148	85	21	21	10		009		LL
SA	0948	CLR	20			146	87	20	24	11		009	102 1001 60	LL
SA	1047	CLR	20			143	89	21	23	10	G20	008		LL
SA	1148	CLR	20			141	90	24	20	20	G30	007		LL
SA	1247	CLR	20			134	90	25	19	11	G20	005	714	LL
SA	1346	CLR	20			130	90	24	23	10	G19	003		LL
SA	1449	CLR	20			127	90	25	20	09	G20	003		LL
SA	1548	CLR	20			125	89	27	19	16	G23	002	608 92 RADAT 20154	LL
SA	1648	CLR	20			128	88	28	19	11	G17	002		LL
SA	1745	CLR	20			130	85	26	20	11		002		LL
SA	1854	CLR	20			132	80	28	16	08		003	303	LL
SA	1945	CLR	20			133	77	27	17	04		004		LL
SA	2045	CLR	20			136	75	27	31	04		005		LL
SA	2147	CLR	20			136	70	29	06	06		005	107 92	LL
SA	2251	CLR	20			139	72	29	09	08		006		LL
SA	2346	CLR	20			136	70	29	09	08		005		LL

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iliii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRR.s $8N_sCh\ h_s$ 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:1977-0-765-005/1111

MF1-10B
(11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO DESERT ROCK, NV

DATE: 1979 SEP 23

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
0050	26.645	70.0	52.0	28	0															0	2	030			00-01
0150	26.640	65.2	49.2	31	0															0					01-02
0247	26.635	66.7	50.0	30	0															0					02-03
0349	26.630	66.7	50.0	30	0															0	7	015			03-04
0448	26.640	62.0	47.5	33	0															0					04-05
0546	26.650	60.2	46.0	32	0															0					05-06
0648	26.670	69.6	50.3	24	0															0	3	.040			06-07
0747	26.670	78.0	54.3	19	0															0					07-08
0847	26.675	85.1	54.3	9	0															0					08-09
0948	26.675	86.7	54.7	9	0	0	Ci	300												0	1	.005			09-10
1047	26.665	89.0	55.8	8	0															0					10-11
1148	26.655	90.0	56.8	9	0															0					11-12
1247	26.635	89.5	56.8	10	0															0	7	040			12-13
1346	26.620	90.2	56.9	9	0															0					13-14
1449	26.615	90.3	57.0	9	0															0					14-15
1548	26.610	89.2	57.0	10	0															0	6	.025			15-16
1648	26.610	87.9	56.9	12	0															0					16-17
1745	26.610	84.8	55.3	12	0															0					17-18
1854	26.620	80.1	53.8	15	0															0	3	.010			18-19
1945	26.630	76.6	52.2	16	0															0					19-20
2045	26.640	75.2	52.2	18	0															0					20-21
2147	26.640	70.3	50.0	21	0															0	1	.020			21-22
2251	26.650	72.0	50.7	20	0															0					22-23
2346	26.640	70.4	50.2	22	0															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF Hs Ms Hs Ps Ds Ds 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	71	65		X	X	X	X	X	X	X		
	0345	1	0	0	0	80	65		0								
	0945	2	0	0	0	87	60		0								
	1544	3	0	0	0	92	87		0								
	2143	4	0	0	0	89	70		0								
	MID.	X	0	0	0	72	70		X	X	X	X	X	X	X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1548	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.630	26.675	26.610	26.640
BAROGRAPH 64	26.620	26.665	26.600	26.630
BAR. CORR. 65	+.010	+.010	+.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK GUSTS SPEED (Kts.) 71	PEAK GUSTS DIRECTION 72	PEAK GUSTS 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
92	60	0	0	0	30	S	1146					0	0		

PRECIP. AND THORSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

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

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

TIME CHECK: CLOCK: 0642P-OK CORRECT 1910

MF1-10B

☆U.S. GOVERNMENT PRINTING OFFICE: 1974-665-076/1093 Region

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 SEP 2 4

TO CONVERT LST TO GMT ADD 8 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	0045	CLR	20			144	68	29	04	08		007	307	[illegible]
SA	0153	CLR	20			140	67	30	05	04		006		[illegible]
SA	0253	250 SCT	20			136	69	31	28	05		005		[illegible]
SA	0349	E 120 BKN	20			138	70	30	09	03		006	505 1050 66 RADAT 74130	[illegible]
SA	0449	E 120 BKN	20			142	67	31	11	03		007		[illegible]
SA	0549	E 120 BKN	20			145	70	30	04	06		008		[illegible]
SA	0647	120 SCT	20			152	71	30	29	03		009	310 1070	[illegible]
SA	0749	E 120 BKN	20			153	78	31	24	02		010		[illegible]
SA	0847	90 SCT	20			152	83	29	01	03		010		[illegible]
SA	0949	90 SCT 120 SCT	20			147	88	31	26	02		008	803 1170 65	[illegible]
SA	1047	E90 BKN 120 BKN	20			142	89	31	18	06		008		[illegible]
SA	1146	E120 OVC	20			144	87	35	23	11		008	VIRGA SE-SW	[illegible]
SA	1247	90 SCT E120 OVC	20			147	84	32	24	12		008	602 125/	[illegible]
SA	1347	90 SCT E120 BKN	20			136	86	33	31	03		005	RWU SW-NW	[illegible]
SA	1448	E90 BKN 120 OVC	20			130	87	33	27	12		003	BINOVC ALQDS	[illegible]
SA	1550	E90 BKN 120 BKN 220 OVC	20			139	81	44	29	15		005	VIRGA NW / 507 1171	[illegible]
—	—												90 RADAT 75128	—
SA	1648	90 SCT E120 BKN 220 OVC	20			145	78	45	32	11		006		[illegible]
SA	1747	90 SCT E120 BKN 220 BKN	20			134	78	43	07	09		003		[illegible]
SA	1845	90 SCT E120 BKN 220 OVC	20			137	76	43	08	04		004	503 1471	[illegible]
SP	1914	E90 BKN 120 OVC	20		TRW-				22	07		005	T NW B11 MOVG N	[illegible]
—	—												OCNL LTGIC NW	—
SP	1932	E90 OVC	20						23	10		009	TB11E30 MOVD N	[illegible]
—	—												PRESRR	—
SA	1945	E90 OVC	20			153	75	45	25	05		010	TB11E30 MOVD N	[illegible]
—	—												RB11E22 PRESRR	—
SA	2047	E90 BKN 220 BKN	20			132	75	46	07	10		004		[illegible]
SA	2148	90 SCT	20			127	74	44	13	05		003	80300 1400 90	[illegible]
SA	2246	90 SCT	20			133	74	43	21	04		005		[illegible]
SA	2345	90 SCT	20			136	68	44	06	06		005		[illegible]

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dopp $6P_oP_oP_oP_o$ $7RRR_rs$ $8N_sCh\ h_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S. GPO:1977-0-765-005/1111

MF1-10B (11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 SEP 24

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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.
0045	26.660	68.0	49.2	24	0															0	3	.020			00-01
0153	26.650	66.6	48.8	25	0															0					01-02
0253	26.640	68.5	50.0	25	4															4					02-03
0349	26.645	69.7	50.0	22	7	7	AC	E120												7	5	.015			03-04
0449	26.650	67.1	49.4	26	7															7					04-05
0549	26.660	70.2	50.2	22	6															6					05-06
0647	26.675	71.1	50.7	22	5	5	AC	120												4	3	.030			06-07
0749	26.680	77.7	53.8	18	6															6					07-08
0847	26.680	82.7	55.2	14	3															3					08-09
0949	26.665	88.0	57.5	13	1	1	CU	90	0	AC	120	1								1	8	.010			09-10
1047	26.660	89.0	58.1	13	9															9					10-11
1146	26.660	87.1	58.3	16	10															10					11-12
1247	26.660	83.8	56.3	15	10	1	CU	90	9	AC	E120	10								10	6	.005			12-13
1347	26.635	86.3	57.5	15	8															8					13-14
1448	26.620	87.4	57.8	14	10															10					14-15
1550	26.640	81.3	59.3	27	10	6	CU	E90	2	AC	120	8	2	CI	220	10				9	5	.020			15-16
1648	26.650	77.8	58.4	31	10															8					16-17
1747	26.620	78.2	58.0	29	8															8					17-18
1845	26.630	75.9	56.9	31	10	3	SC	90	4	AC	E120	7	3	CI	220	10				9	5	.010			18-19
1945	26.680	75.3	57.7	34	10															10					19-20
2047	26.630	75.1	58.0	36	9															9					20-21
2148	26.620	73.7	56.5	34	5	5	SC	90												5	8	.010			21-22
2246	26.640	74.3	56.5	33	4															4					22-23
2345	26.640	68.3	54.7	42	4															4					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	SEA STATE 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF Hs Ms Ps Ds 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	71	66		X	X	X	X	X	X	X		
	0345	1	0	0	0	72	64		0								
	0945	2	0	0	0	90	65		0								
	1545	3	0	0	0	90	81		0								
	2144	4	T	0	0	81	74		0								
	MID.	X	0	0	0	74	68		X	X	X	X	X	X	X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1550	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.645	26.665	26.640	26.620
BAROGRAPH 64	26.640	26.665	26.635	26.625
BAR. CORR. 65	+.005	±0	+.005	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK GUSTS: 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
90	65	T	0	0	28	SW	1222					7	7		

PRECIP. AND THDRSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88
T	1911	1930			
RW-	1911	1922			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

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

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

TIME CHECK: CLOCK: 0832P -ok CORRECT 1804

☆U.S. GOVERNMENT PRINTING OFFICE: 1974-665-076/1093 Region

MF1-10A (1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: SEP 2 5 1979

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0050	90 SCT	20			146	68	44	03	05		007	214 1400	[illegible]
SA	0145	CLR	20			147	65	43	00	00		007		[illegible]
SA	0251	120 SCT	20			147	64	44	11	04		007		[illegible]
SA	0349	90 SCT	20			148	65	43	00	00		007	802 1500 63 RADAT 57134	[illegible]
SA	0449	90 SCT	20			155	63	43	27	02		008		[illegible]
SA	0547	E90 BKN	20			158	63	44	00	00		009	VIRGA ALQDS	[illegible]
SA	0647	E90 BKN	20			161	67	44	30	02		011	VIRGA ALQDS 210 1500	[illegible]
SA	0747	90 SCT E120 BKN	20			158	75	49	28	03		011		[illegible]
SA	0847	E120 BKN	20			158	81	46	20	14		012		[illegible]
SA	0949	E120 BKN	20			156	84	48	20	12	G21	011	002 1170 62	[illegible]
SA	1047	E120 BKN	20			155	86	48	19	15	G23	011		[illegible]
SA	1147	E120 BKN	20			148	88	47	21	14	G22	009		[illegible]
SA	1249	80 SCT 120 SCT	20			142	86	46	22	16	G25	007	HVY CU NW 814 1270	[illegible]
SA	1346	80 SCT 120 SCT	20			134	88	44	22	14	G25	004		[illegible]
SA	1450	80 SCT 120 SCT	20			130	90	43	23	17	G26	003		[illegible]
SA	1530	80 SCT	20			130	88	43	22	15	G24	003	610 1200 91 RADAT 59132	[illegible]
SA	1648	80 SCT	20			132	87	42	23	13	G22	003		[illegible]
SA	1748	80 SCT	20			133	84	41	23	11		003		[illegible]
SA	1849	CLR	20			134	81	42	24	08		003	400 1400	[illegible]
SA	1945	CLR	20			130	79	43	20	08		003		[illegible]
SA	2045	CLR	20			133	76	43	22	03		004		[illegible]
SA	2148	CLR	20			133	73	43	07	05		004	103 91	[illegible]
SA	2248	CLR	20			132	74	43	06	05		004		[illegible]
SA	2345	CLR	20			131	73	41	06	04		004		[illegible]

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRR.s $8N_sCh$ 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:1977-0-765-005/1111

MF1-10B
(11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 SEP 2 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.
0050	26.660	67.9	54.5	43	3	3	Sc	90												3	2	.040			00-01
0145	26.660	64.8	52.7	45	0															0					01-02
0251	26.660	64.3	53.0	48	2															2					02-03
0349	26.655	64.8	52.8	46	3	3	Sc	90												3	8	.005			03-04
0449	26.665	63.2	52.1	48	5															5					04-05
0547	26.675	63.3	52.3	49	7															7					05-06
0647	26.685	66.7	54.0	44	6	6	Sc	E90												6	2	.030			06-07
0747	26.690	75.4	59.2	39	6															6					07-08
0847	26.695	80.6	60.0	30	6															6					08-09
0949	26.690	84.2	62.0	29	6	0	Cu	90	6	Ac	E120	6								6	0	.005			09-10
1047	26.690	86.0	62.5	27	6															6					10-11
1147	26.670	88.0	62.9	24	6															6					11-12
1249	26.650	85.7	61.6	25	5	2	Cu	80	3	Ac	120	5								5	8	.040			12-13
1346	26.630	87.8	61.7	22	4															4					13-14
1450	26.620	90.0	62.0	20	4															4					14-15
1550	26.620	88.2	61.2	20	3	3	Cu	80												3	6	.030			15-16
1648	26.620	86.9	60.7	21	5															5					16-17
1748	26.620	84.2	59.2	22	2															2					17-18
1849	26.620	81.0	58.4	25	0	0	Sc	80												0	4	.000			18-19
1945	26.620	78.7	58.0	28	0															0					19-20
2045	26.630	76.2	57.2	31	0															0					20-21
2148	26.630	73.4	56.0	34	0															0	1	.010			21-22
2248	26.630	74.3	56.3	32	0															0					22-23
2345	26.630	73.0	55.3	32	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF H_s M_s H_s P_s D_s 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. 72 0345	X	0	0	X	68	63		X	X	X	X	X	X	X		
	0345	1	0	0	0	74	63		0								
	0945	2	0	0	0	85	62		0								
	1545	3	0	0	0	91	84		0								
	2144	4	0	0	0	88	73		0								
	MID.	X	0	0	0	74	73		X	X	X	X	X	X	X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1550	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.655	26.690	26.620	26.630
BAROGRAPH 64	26.655	26.690	26.620	26.630
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 GUSTS SPEED (Kts.) 71	PEAK GUSTS DIRECTION 72	PEAK GUSTS TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
91	62	0	0	0	28	SW	1415					5	3		

PRECIP. AND THDRSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

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

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

TIME CHECK: CLOCK: 0828P - OK CORRECT 1910

*BAROGRAM CHANGED 0950 PST

MF1-10B

☆U.S. GOVERNMENT PRINTING OFFICE: 1974-665-076/1093 Regio

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 SEP 2 6

TO CONVERT LST TO GMT ADD 7 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)	CO. REPORTER'S INITIALS (15)
SA	0052	CLR	20			127	75	41	36	07		003	803	
SA	0153	CLR	20			128	72	42	27	08		003		
SA	0251	CLR	20			122	74	43	34	06		002		
SA	0347	CLR	20			124	71	41	23	01		002	603 68 RADAT 20136	
SA	0447	CLR	20			133	69	40	05	08		004	FEW CU SE	
SA	0546	CLR	20			135	67	41	02	06		004	FEW CU SE	
SA	0644	CLR	20			142	73	42	01	02		006	214	
SA	0744	CLR	20			146	76	42	28	04		007		
SA	0843	CLR	20			149	79	41	23	05		008		
SA	0945	CLR	20			145	82	37	23	10	G16	007	003 65	
SA	1048	CLR	20			140	84	30	23	13	G19	006		
SA	1147	CLR	20			137	85	29	25	13	G21	005		
SA	1246	CLR	20			123	87	31	22	10	G18	002	817	
SA	1345	CLR	20			120	88	18	22	12	G20	001		
SA	1448	300 - BKN	20			115	88	13	23	16	G25	999		
SA	1550	E270 OVC	20			114	86	14	23	17	G23	998	710 1007 90 RADAT 20132	
SA	1651	E270 OVC	20			115	84	17	22	10		998		
SA	1750	E270 OVC	20			119	81	21	20	08		998		
SA	1845	E270 OVC	20			124	79	23	23	05		001	307 1007	
SA	1945	E270 OVC	20			124	76	24	06	05		001		
SA	2045	270 SCT	20			127	70	24	03	05		001		
SA	2147	CLR	20			125	68	25	03	06		001	400 1008 90	
SA	2245	CLR	20			124	66	25	03	03		001		
SA	2346	CLR	20			126	64	25	00	00		001		

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iliii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ $T_dT_d$opp $6P_oP_oP_oP_o$ 7RRR,s $8N_sCh$ 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:1977-0-765-005/1111

MF1-10B
(11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 SEP 2 6

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.
0052	26.620	75.3	56.0	29	0															0	8	.010			00-01
0153	26.620	79.2	55.2	34	0															0					01-02
0251	26.610	73.8	56.2	33	0															0					02-03
0347	26.610	70.8	54.2	34	0															0	6	.010			03-04
0447	26.630	68.8	53.0	35	0															0					04-05
0546	26.630	66.6	52.4	39	0															0					05-06
0644	26.650	72.6	55.4	33	0															0	2	.040			06-07
0744	26.660	76.3	56.7	29	0															0					07-08
0843	26.670	78.6	57.4	27	0															0					08-09
0945	26.660	82.0	57.2	20	0															0	0	.010			09-10
1048	26.650	84.4	56.0	14	0															0					10-11
1147	26.640	85.3	56.0	13	0															0					11-12
1246	26.610	86.5	57.1	14	0															0	8	.050			12-13
1345	26.600	88.2	55.0	8	0															0					13-14
1448	26.580	87.8	54.0	6	8															3					14-15
1550	26.580	86.2	53.5	7	10	10	CS	E270												8	7	.030			15-16
1651	26.580	83.7	53.0	8	10															9					16-17
1750	26.580	81.3	52.7	11	10															9					17-18
1845	26.600	79.0	52.3	13	10	10	CS	E270												9	3	.020			18-19
1945	26.600	75.6	51.1	15	10															9					19-20
2045	26.600	69.5	48.5	18	4															3					20-21
2147	26.600	68.0	48.0	20	0	0	CS	270												0	4	.000			21-22
2245	26.600	66.2	47.2	21	0															0					22-23
2346	26.600	63.8	46.0	22	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF Hs Ms Ps Ds 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0342		0	0		75	68										
	0342	1	0	0	0	75	68		0								
	0940	2	0	0	0	83	65		0								
	1545	3	0	0	0	90	82		0								
	2143	4	0	0	0	86	68		0								
	MID.		0	0	0	68	64										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0944	1550	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.610	26.660	26.580	26.600
BAROGRAPH 64	26.610	26.670	26.580	26.590
BAR. CORR. 65	0	-.010	0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK GUSTS SPEED (Kts.) 71	PEAK GUSTS DIRECTION 72	PEAK GUSTS TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
90	64	0	0	0	25	SW	1444					2	3		

PRECIP. AND THDRSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TOTAL SUNSHINE (Hrs.) | 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: 0345P - ON TIME / CORRECT 2040

☆U.S. GOVERNMENT PRINTING OFFICE: 1974-665-076/1093 Region

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 SEP 27

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0045	CLR	20			124	64	28	00	00		001	400	HH
SA	0150	CLR	20			126	61	23	00	00		001		HH
SA	0252	CLR	20			123	61	21	11	06		999		HH
SA	0349	CLR	20			127	62	19	10	04		001	500 59 RADAT 20136	CB
SA	0445	CLR	20			133	58	19	11	03		002		CB
SA	0543	CLR	20			139	58	19	10	03		003		CB
SA	0644	CLR	20			142	62	16	10	01		004	210	CB
SA	0743	300 - BKN	20			144	68	19	13	01		005		CB
SA	0844	300 - BKN	20			141	77	17	31	02		005		CB
SA	0947	300 - OVC	20			141	81	22	27	05		005	103 ~~56~~ 1001 56	CB
SA	1045	300 - OVC	20			137	83	28	24	06		004		CB
SA	1144	300 - OVC	20			129	85	27	24	10		002		CB
SA	1243	300 - OVC	20			121	87	26	26	10 G 18		999	817 1001	CB
SA	1344	E 300 OVC	20			120	84	32	23	10 G 17		998		CB
SA	1447	E 300 OVC	20			111	87	24	23	08 G 13		996	Ac 5	MR
SA	1547	E 300 OVC	20			109	86	27	25	11		996	612 1037 89 RADAT 20143	MR
SA	1647	E 300 OVC	20			109	84	26	22	10		995	FEW Ac ALGDS	MR
SA	1748	E 300 OVC	20			115	81	27	24	06		996		MR
SA	1846	E 300 OVC	20			118	77	32	22	04		997	305 1007	MR
SA	1945	E 300 OVC	20			126	73	31	04	05		999		MR
SA	2045	300 - OVC	20			122	70	30	04	05		999		MR
SA	2147	300 - OVC	20			121	72	32	01	04		000	108 1007 89	MR
SA	2245	300 - OVC	20			123	67	33	08	03		000		MR
SA	2349	300 - OVC	20			123	66	33	09	02		000		MR

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRR.s $8N_sCh\ h_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S. GPO:1977-0-765-005/1111

MF1-10B (11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 SEP 27

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
0045	26.600	64.1	47.0	25	0															0	4	.000			00-01
0150	26.600	60.7	44.2	23	0															0					01-02
0252	26.590	64.3	44.0	21	0															0					02-03
0349	26.600	61.6	43.6	19	0															0	5	.000			03-04
0445	26.610	58.4	42.1	21	0															0					04-05
0543	26.620	58.0	41.8	21	0															0					05-06
0644	26.630	62.2	43.4	17	0															0	2	.030			06-07
0743	26.640	67.8	46.6	15	8															1					07-08
0844	26.640	77.0	50.3	11	9															1					08-09
0947	26.640	81.4	52.9	11	10	10	Ci	300												1	1	.010			09-10
1045	26.630	83.2	55.0	13	10															1					10-11
1144	26.610	85.3	55.6	12	10															2					11-12
1243	26.590	87.1	56.2	11	10	10	Ci	300												4	8	.050			12-13
1344	26.580	84.3	56.5	15	10															7					13-14
1447	26.560	87.0	55.6	10	10															7					14-15
1547	26.555	85.7	55.7	12	10	0	Ac	200	10	Cs	E300	10								8	6	.035			15-16
1647	26.550	84.4	55.1	12	10															8					16-17
1746	26.560	81.0	54.0	14	10															7					17-18
1846	26.570	77.4	53.7	19	10	10	Cs	E300												7	3	.015			18-19
1945	26.590	72.8	51.6	21	10															6					19-20
2045	26.590	70.3	50.4	23	10															5					20-21
2147	26.595	72.4	51.3	23	10	10	Cs	300												5	1	.025			21-22
2245	26.595	66.9	49.8	28	10															2					22-23
2349	26.595	66.4	49.7	29	10															2					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. & DIR. 50	51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF Hs Ms Ps Hs Ds 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	64	59		X	X	X	X	X	X	X		
	0345	1	0	0	0	68	59		0								
	0943	2	0	0	0	82	56		0								
	1543	3	0	0	0	89	79		0								
	2143	4	0	0	0	87	69		0								
	MID.	X	0	0	0	73	64		X	X	X	X	X	X	X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0946	1546	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.600	26.649	26.555	26.595
BAROGRAPH 64	26.590	26.640	26.550	26.580
BAR. CORR. 65	+.010	±0	+.005	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK GUSTS SPEED (Kts.) 71	PEAK GUSTS DIRECTION 72	PEAK GUSTS 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
89	56	0	0	0	18	W	1240					8	7		

PRECIP. AND THORSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TOTAL SUNSHINE (Hrs.) | 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: 0444 P-ON TIME / CLOCK = 1650P - ON TIME

☆U.S. GOVERNMENT PRINTING OFFICE: 1974-665-076/1093 Region

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 SEP 2 8

TO CONVERT LST TO GMT ADD 8 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)	SERVER'S INITIALS (15)
SA	0047	300 - OVC	20			127	64	33	12	05		002	305 1007	MR
SA	0146	300 - OVC	20			129	60	31	00	00		001		MR
SA	0247	300 - BKN	20			130	61	31	13	01		002		008
SA	0349	300 - BKN	20			130	61	32	07	02		002	500 1008 59 RADAT 23130	008
SA	0459	300 - BKN	20			137	59	35	29	01		003		008
SA	0543	300 - BKN	20			146	57	32	04	04		005		008
SA	0646	300 - BKN	20			151	61	32	09	01		006	214 1001	008
SA	0747	300 - BKN	20			154	69	31	26	04		007		008
SA	0845	300 - BKN	20			155	73	33	23	02		008	~~210~~	008
SA	0943	E300 BKN	20			155	80	32	31	03		010	210 1002 55	008
SA	1048	E 300 BKN	20			151	84	34	24	02		008	FEW AU SE	008
SA	1147	E 300 BKN	20			146	87	31	24	06		007		008
SA	1246	E 300 BKN	20			139	87	26	27	08		005	814 1008	008
SA	1344	120 SCT E300 BKN	20			137	89	28	21	09	G 16	004		008
SA	1450	120 SCT E300 BKN	20			130	91	27	21	12	E 18	002		MR
SA	1548	120 SCT E300 BKN	20			130	87	29	23	05		002	610 1102 91	MR
													RADAT 58129	
SA	1648	E120 BKN 300 OVC	20			137	86	29	27	04		003		MR
SA	1749	E120 BKN 170 BKN 300 OVC	20			135	84	34	21	08		004		MR
SA	1847	120 SCT E300 BKN	20			145	80	34	24	04		005	210 1072	MR
SA	1947	E120 BKN 300 BKN	20			150	77	35	04	02		007		MR
SA	2045	E120 BKN 300 ~~BKN~~ OVC	20			150	77	35	00	00		008		MR
SA	2147	E120 BKN 300 OVC	20			148	75	35	02	04		008	110 1072 91	MR
SA	2245	120 SCT 300 - OVC	20			148	76	37	31	02		009		MR
SA	2349	E120 BKN 300 OVC	20			153	72	36	10	04		010		MR

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iliii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRRrs $8N_sCh$ 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:1977-0-765-005/1111

MF1-10B
(11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 SEP 28

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 47	26.610	63.9	48.4	31	10	10	CS	300												2	3	.015			00-01
01 46	26.605	60.3	46.3	33	10															1					01-02
02 47	26.610	61.2	46.7	32	7															1					02-03
03 49	26.610	61.0	46.8	33	7	7	CS	300												2	5	.000			03-04
04 59	26.670	59.2	47.2	41	7															2					04-05
05 43	26.640	56.8	45.0	39	7															2					05-06
06 46	26.650	61.4	47.0	33	6	6	Ci	300												1	2	.040			06-07
07 47	26.660	68.6	49.8	24	8															3					07-08
08 45	26.670	73.3	52.4	23	8															3					08-09
09 43	26.680	80.0	54.8	17	8	8	Ci	E300												6	2	.030			09-10
10 48	26.670	83.7	56.7	17	8															6					10-11
11 47	26.660	86.6	57.0	13	8															6					11-12
12 46	26.640	87.4	56.2	11	8	8	CS	E300												6	8	.040			12-13
13 44	26.630	89.0	57.3	11	9															7					13-14
14 50	26.615	90.6	57.7	10	8															5					14-15
15 48	26.610	87.1	56.8	12	9	4	Cu	120	5	Ci	E300	9								8	6	.030			15-16
16 48	26.625	85.5	56.2	13	10															8					16-17
17 49	26.630	83.9	57.0	17	10															9					17-18
18 47	26.640	79.7	55.3	19	7	3	Ac	120	4	Ci	E300	7								4	2	.030			18-19
19 47	26.660	76.5	54.5	22	9															7					19-20
20 45	26.670	77.2	54.6	22	10															8					20-21
21 47	26.670	75.2	54.0	24	10	7	Ac	E120	3	Ci	300	10								8	1	.030			21-22
22 45	26.675	75.5	54.5	24	10															2					22-23
23 49	26.685	72.3	53.0	26	10															9					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF H_S M_S H_S P_S D_S 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0345		0	0		66	59										
	0345	1	0	0	0	73	59		0								
	0940	2	0	0	0	81	55		0								
	1543	3	0	0	0	91	80		0								
	2143	4	0	0	0	87	74		0								
	MID.		0	0	0	76	72										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0942	1547	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.610	26.680	26.610	26.670
BAROGRAPH 64	26.600	26.665	26.605	26.665
BAR. CORR. 65	+.010	+.015	+.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 GUSTS SPEED (Kts.) 71	PEAK GUSTS DIRECTION 72	PEAK GUSTS TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
91	55	0	0	0	18	SW	1443					8	9		

PRECIP. AND THORSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TOTAL SUNSHINE (Hrs.) | 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: 0340 P-ON TIME / Clock : 1729 P - ON TIME

MF1-10B

☆U.S. GOVERNMENT PRINTING OFFICE: 1974-665-076/1093 Region

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 SEP 2 9

TO CONVERT LST TO GMT ADD 8 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)	SEQ. NO. (14)
SA	0050	E120 BKN 300 OVC	20			152	75	37	24	02		010	105 1072	MR
SA	0147	E 100 OVC	20		R-	152	73	36	04	05		010	RB44	MR
SA	0247	90 SCT E120 BKN 300 OVC	20			156	71	37	09	04		011	RE05	MR
SA	0350	100 SCT E 300 BKN	20			157	69	39	05	03		011	00200 1058 ~~62~~ [illegible]	
												~~013~~	RADAT 64127	008
SA	0449	100 SCT E 300 BKN	20			166	66	38	06	03		013		008
SA	0547	140 SCT 300 SCT	20			166	68	36	36	03		013		008
SA	0650	150 SCT 300 SCT	20			170	72	33	33	01		014	210 1031	008
SA	0746	120 SCT 180 SCT 300 SCT	20			169	78	36	02	05		014	VIRGA SE	008
SA	0843	120 SCT 180 SCT 300 SCT	20			170	82	37	11	08		015	VIRGA NW	008
SA	0948	120 SCT E 250 BKN	20			166	85	38	10	10 G 15		014	000 1068 65	008
SA	1049	E120 BKN 250 BKN	20			162	85	37	10	09 G 14		013		008
SA	1148	E120 BKN 250 BKN	20			163	82	49	32	14		013	CB W MOVG N / PK WND 1336/26	008
SA	1247	80 SCT E120 BKN 250 BKN	20			153	84	44	04	02		010	714 1262	008
SA	1350	80 SCT E120 BKN 250 BKN	20			146	86	40	29	04		008	RWU NW	008
SA	1450	E100 BKN 250 BKN	20			145	84	41	20	24		007	VIRGA W	008
SA	1550	E100 BKN 250 BKN	20			147	81	41	34	10		008	VIRGA SW 505 1203	MR
													87 RADAT 82126	
SA	1646	E100 BKN 250 OVC	20		RW-	153	80	42	25	12		008	RB ~~E~~38	MR
RS	1748	E100 BKN 250 BKN	20		T	154	76	42	05	04		008	TRW SW MOVG N OCNL	MR
													LTGCG SW TB42 RE10	
RS	1848	100 SCT 170 SCT 250 SCT	20			152	77	44	09	06		008	TE45 MOVD N CB W-N	MR
													OCNL LTGIC NW RB~~43~~E30	
													000:C 1971	
SA	1947	E100 BKN	20			154	74	44	11	07		008	CB FQT LTGIC DSNT W	MR
SA	2048	E120 BKN	20			157	72	44	25	02		010	OCNL LTG DSNT W	MR
SA	2148	E120 BKN	20			156	71	44	26	02		010	OCNL LTG DSNT SW 10700	MR
													1970 87	
SA	2245	120 SCT	20			151	71	43	09	02		009	OCNL LTG DSNT SW	MR
SA	2349	120 SCT 250 - BKN	20			153	70	42	06	05		009		MR

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{is}$ $8N_sCh\ h_s$ $9S_pS_psp_sp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S. GPO:1977-0-765-005/1111

MF1-10B
(11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 SEP 29

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.685	74.5	54.2	26	10	7	AC	6120	3	Ci	300	10								8	1	.015			00-01
01 47	26.685	72.6	53.0	26	10															10					01-02
02 47	26.695	71.2	52.8	28	10															6					02-03
03 50	26.690	68.5	52.6	34	6	2	AC	100	4	CS &	300	6								6	0	.005			03-04
04 49	26.710	65.6	51.0	36	7															7					04-05
05 47	26.710	68.4	51.6	31	5															4					05-06
06 50	26.720	72.3	52.1	24	4	3	AC	150	1	Ci	300	4								3	2	.030			06-07
07 46	26.720	77.6	55.2	22	4															3					07-08
08 43	26.730	82.0	57.0	20	5															5					08-09
09 48	26.720	84.8	58.4	19	8	5	AC	120	3	CS &	250	8								8	0	.000			09-10
10 49	26.710	85.4	58.5	18	8															8					10-11
11 48	26.710	81.9	61.6	32	8															8					11-12
12 47	26.680	83.9	60.4	25	9	2	CU	80	5	AC &	120	7	2	Ci	250	9				9	7	.040			12-13
13 50	26.670	86.2	59.5	19	9															9					13-14
14 50	26.660	84.3	59.3	22	9															9					14-15
15 50	26.665	81.3	58.3	24	9	6	CU	6100	3	Ci	250	9								9	5	.015			15-16
16 46	26.670	80.2	58.2	26	10															9					16-17
17 48	26.665	76.2	56.9	30	9															8					17-18
18 48	26.665	76.6	57.5	31	4	3	CB	100	0	AC	170	3	1	Ci	250	4				4	0	.000			18-19
19 47	26.670	74.0	56.7	34	6															6					19-20
20 48	26.685	72.4	55.9	36	7															7					20-21
21 48	26.685	71.1	55.6	38	7	0	CB	80	7	AC	6120	7								7	1	.020			21-22
22 45	26.675	71.2	55.4	37	5															5					22-23
23 49	26.675	70.2	54.4	36	6															3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF H_s H_s M_s P_s D_s 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0345		T	0		75	67										
	0345	1	T	0	0	76	67		0								
	0944	2	0	0	0	87	65		0								
	1545	3	0	0	0	87	81		0								
	2143	4	T &	0	0	83	71		0								
	MID.		0	0	0	71	70										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0944	1545	2143
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.690	26.720	26.665	26.680
BAROGRAPH 64	26.680	26.710	26.670	26.680
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 GUSTS SPEED (Kts.) 71	PEAK GUSTS DIRECTION 72	PEAK GUSTS TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
87	65	T	0	0	36	SE	1126					7	7		

PRECIP. AND THORSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88
R-	0144	0205			
RW-	1638	1710			
T	1742	1845			
RW-	1819	1830			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TOTAL SUNSHINE (Hrs.) | 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: 0440 P - ON TIME / CLOCK 1949 P - ON TIME

1000 P.S.T. CHANGED BAROGRAM AND RESET TO ZERO CORRECTION

☆U.S. GOVERNMENT PRINTING OFFICE: 1974-665-076/1093 Region

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 SEP 30

TO CONVERT LST TO GMT ADD 8 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)	SUPPLEMENTARY INITIALS (15)
SA	0049	120 SCT 250 SCT	20			153	68	42	00	00		009	603 1072	MR
SA	0147	E 100 BKN	20			148	68	40	23	02		008	CB OCNL LTGIC E	MR
SA	0249	80 SCT E 120 BKN	20			153	68	42	29	07		009	CB N-E OCNL LTGICCC NE-E	MR
SA	0352	150 SCT 300 - BKN	20			158	66	41	10	02		010	OCNL DSNT LTG NW	/
/	/												302 1978 64 RADAT 76132	JD
SA	0450	150 SCT 300 - SCT	20			160	65	41	07	02		010		JD
SA	0550	100 SCT 150 SCT 280 - BKN	20			157	69	44	09	06		010	VIRGA E	JD
SA	0650	100 SCT 150 SCT 280 - BKN	20			168	70	44	09	07		013	TCU W VIRGA E 310 1263	JD
SA	0751	E100 BKN 150 BKN 280 BKN	20			169	72	43	11	03		013	TCU ALQDS VIRGA NW	JD
SA	0848	100 SCT E150 BKN 280 BKN	20			169	76	40	10	14		014	TCU ALQDS VIRGA SE	JD
SA	0949	110 SCT E160 BKN 280 BKN	20			165	82	39	11	16		013	TCU ALQDS VIRGA SE	/
/	/												000 1263 64	JD
SA	1045	110 SCT E160 BKN 280 BKN	20			166	81	39	10	13		013	TCU SE-N	JD
SA	1146	120 SCT 160 SCT 230 SCT	20			155	84	39	09	10		011	TCU S	JD
SA	1247	120 SCT 160 SCT 230 SCT	20			144	86	37	14	05	G17	007	TCU SE-S 719 1263	JD
SA	1349	120 SCT E160 BKN 230 BKN	20		RW-	140	84	39	14	10		006	TCU E-SW RB46	JD
SA	1450	120 SCT 160 SCT 230 SCT	20			137	85	39	12	12		005	TCU ALQDS RE2151	JD
SA	1550	E120 BKN 230 BKN	20			142	81	42	11	12		005	CB RWU ALQDS MOVG N	/
/	/												805 00 1302 88 RADAT 74130	WRG
SP	1615	E 120 BKN	20		TRW-				15	10		005	TB12 RB13 TOWND MOVG N	WRG
RS	1652	E 120 BKN 230 BKN	20			145	77	50	01	04		005	TB12 E30 RB13 E20	WRG
/	/												TMOVD N RWU ALQDS	WRG
SA	1750	120 SCT 160 SCT	20			143	76	46	05	07		005	CB W THRU N MOVG N	/
/	/												OCNL LEGIC	WRG
SA	1850	120 SCT	20			146	75	43	08	06		006	370 00 1400	WRG
SA	1950	120 SCT	20			149	76	42	04	10		007	OCNL LEGIC DSNT W	WRG
SA	2046	120 SCT	20			151	69	45	03	04		007	OCNL LEGIC DSNT W	WRG
SA	2146	CLR	20			147	70	46	08	08		007	OCNL LEGIC DSNT W 10300	/
/	/	/	/				7	40	/	/		/	1900 88	WRG
SA	2250	CLR	20			148	70	40	03	12		007		WRG
SA	2350	CLR	20			145	71	40	11	07		007		WRG

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dopp $6P_oP_oP_oP_o$ 7RRR.s $8N_sCh$ 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:1977-0-765-005/1111

MF1-10B
(11-74)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 SEP 30

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.675	68.1	53.4	38	3	1	Ac	120	2	Ci	250	3								2	6	.010			00-01
01 47	26.670	68.4	53.0	36	8															8					01-02
02 49	26.675	67.9	53.5	39	9															9					02-03
03 52	26.680	66.2	52.3	39	8	0	Cb	80	1	Ac	150	1	7	CS	300	8				2	3	.005			03-04
04 50	26.680	65.1	52.0	41	3															1					04-05
05 50	26.680	69.1	54.8	40	7															3					05-06
06 50	26.710	70.2	55.2	39	7	2	Cu	100	2	Ac	150	4	3	Ci	280	7				3	3	.030			06-07
07 51	26.710	72.2	55.6	35	9															8					07-08
08 48	26.715	76.4	56.2	28	7															5					08-09
09 49	26.710	82.0	57.8	22	8	3	Cu	110	3	Ac	E160	6	2	Ci	280	8				6	0	.000			09-10
10 45	26.710	80.6	57.2	22	9															9					10-11
11 46	26.685	83.6	58.4	21	3															3					11-12
12 47	26.655	85.8	58.5	18	3	1	Cu	120	2	Ac	160	3	0	Ci	230	3				3	7	.055			12-13
13 49	26.645	84.3	58.7	20	7															6					13-14
14 50	26.635	84.5	58.8	20	5															5					14-15
15 50	26.640	81.4	58.8	25	8	7	CB	E120	1	Ci	230	8								7	8	.015			15-16
16 52	26.640	77.3	60.7	39	9															8					16-17
17 50	26.640	76.0	58.3	35	5															5					17-18
18 50	26.650	75.0	56.8	32	3	3	Sc	120												3	3	.010			18-19
19 50	26.660	75.7	56.4	29	2															2					19-20
20 45	26.660	69.3	55.4	42	1															1					20-21
21 46	26.660	69.6	55.4	43	0	0	CB	120												0	1	.010			21-22
22 50	26.660	70.3	53.5	33	0															0					22-23
23 50	26.660	71.4	54.2	32	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	SEA STATE & DIR. 51	SWELL HGT. & DIR. 52	SWELL PERIOD 53	SURF Hs Ms Ps Hs Ds 54	WATER TEMP. 55	SOIL TEMP. 56	57	58
	MID. TO 0346	X	0	0	X	70	64		X	X	X	X	X	X	X		
	0346	1	0	0	0	71	64		0								
	0945	2	0	0	0	82	64		0								
	1546	3	T	0	0	88	79		0								
	2142	4	T	0	0	42	67		0								
	MID.	X	0	0	0	71	67		X	X	X	X	X	X	X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0948	1548	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.680	26.710	26.640	26.660
BAROGRAPH 64	26.685	26.715	26.640	26.665
BAR. CORR. 65	-.005	-.005	± 0	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK GUSTS SPEED (Kts.) 71	PEAK GUSTS DIRECTION 72	PEAK GUSTS TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
88	64	T	0	0	24	E	1426					7	5		

PRECIP. AND THDRSTM. 82	BEGAN 83	ENDED 84	OBSTR. TO VISION 86	BEGAN 87	ENDED 88
RW-	1346	1351			
T	1612	1630			
RW-	1613	1620			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TOTAL SUNSHINE (Hrs.) | 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: 0518P ON TIME
2356P ON TIME

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