WS FORM F-6
(1-79)

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

STATION: DESERT ROCK, NV

MONTH: MAY | YEAR: 1989

PRELIMINARY LOCAL CLIMATOLOGICAL DATA

*DATA ARE SUBJECT TO CORRECTION BY THE NATIONAL CLIMATIC DATA CENTER

LATITUDE	LONGITUDE	GROUND ELEVATION (H)	STANDARD TIME
36° 37′ N	116° 01′ W	3298 FT.	PACIFIC

DAY	TEMPERATURE °F MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	DEGREE DAYS (Base 65°) HEATING	COOLING	PRECIPITATION (In.) TOTAL (Water equivalent)	SNOWFALL, ICE PELLETS	SNOW, ICE PELLETS OR ICE ON GROUND AT	WIND AVERAGE SPEED KTS	PEAK SPEED KTS	PEAK DIRECTION	SUNSHINE AVG. STAT. PRESS (INS)	PERCENT OF POSSIBLE	SKY COVER SUNRISE TO SUNSET (Tenths)	WEATHER OCCURRENCES	RH 04	10	16	22
1	2	3	4	5	6a	6b	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	83	55	69			4				9.4	26	SW	26.59		5		34	20	15	13
2	87	53	70			5				7.8	19	SW	26.60		8		23	15	16	15
3	91	60	76			11				6.9	21	SW	26.61		9		18	13	15	19
4	93	67	80			15				7.9	20	NE	26.59		4		27	16	16	16
5	95	63	79			14				5.5	20	SE	26.60		10		22	14	16	15
6	96	62	79			14				6.5	24	SW	26.63		7		18	15	15	15
7	96	68	82			17				9.6	26	SW	26.63		9		15	16	16	16
8	96	64	80			15				8.0	26	SW	26.51		6		16	17	16	16
9	88	61	75			10	T			10.9	37	S	26.40		7	RW	22	35	18	45
10	72	52	62		3					17.0	34	SW	26.40		2		61	28	23	40
11	54	45	50		15		0.02			8.6	18	SW	26.45		9	RW	58	83	59	68
12	71	40	56		9					7.6	21	NW	26.50		7		89	51	22	40
13	61	51	56		9		T			10.0	26	NE	26.43		8	RW	51	51	46	61
14	70	44	57		8					6.1	16	SE	26.43		3		77	59	35	42
15	68	55	62		3		T			8.5	23	NE	26.44		10	RW	49	62	37	57
16	78	50	64		1					7.5	27	NW	26.46		3		62	32	18	23
17	87	55	71			6				8.2	24	SW	26.51		0		35	17	11	20
18	85	67	76			11				15.3	31	SW	26.47		1		19	19	12	13
19	84	59	72			7				8.8	30	NE	26.61		0		18	12	15	15
20	90	55	73			8				13.9	42	S	26.56		7		22	12	15	14
21	88	67	78			13				12.5	35	S	26.53		1		14	16	16	14
22	90	59	75			10				17.0	40	SW	26.49		8		14	13	15	14
23	83	67	75			10				20.8	43	SW	26.49		9		13	14	14	13
24	80	54	67			2				9.3	24	NE	26.51		0		13	13	13	12
25	83	58	71			6				10.0	26	NE	26.52		0		18	13	13	12
26	87	59	73			8				10.0	22	SW	26.56		0		18	14	16	14
27	88	57	73			8				13.3	36	S	26.44		0		15	14	15	13
28	84	62	73			8				19.9	46	S	26.39		0		21	15	15	14
29	76	54	65			0				13.1	33	S	26.45		1		17	14	14	31
30	75	47	61		4					8.9	23	NE	26.58		3		45	31	15	26
31	81	53	67			2				9.5	31	N	26.64		2		31	18	12	22
SUM	2560	1763	—	—	52	204	0.02	0	—	328.3	—	—	822.02	—	138	—				
AVG	82.6	56.9	—	—	—	—	—	—	—	10.6	FASTEST	DIRECTION	POSSIBLE	%	4.5	—	955	762	594	748
										MISC. →	46	5	26.52			—	31	25	19	24

TEMPERATURE DATA

AVERAGE MONTHLY 69.7
DEPARTURE FROM NORMAL +1.1
HIGHEST 96 ON 6
LOWEST 40 ON 12
NUMBER OF DAYS WITH—
MAX. 32° OR BELOW 0
MAX. 90° OR ABOVE 8
MIN. 32° OR BELOW 0
MIN. 0° OR BELOW 0
HEATING DEGREE DAYS (Base 65°)
TOTAL THIS MONTH 52
DEPARTURE FROM NORMAL -5
SEASONAL TOTAL 2693
DEPARTURE FROM NORMAL -337
COOLING DEGREE DAYS (Base 65°)
TOTAL THIS MONTH 204
DEPARTURE FROM NORMAL 27
SEASONAL TOTAL 367
DEPARTURE FROM NORMAL +159

PRECIPITATION DATA

TOTAL FOR THE MONTH 0.02 IN.
DEPARTURE FROM NORMAL -0.42 IN.
GREATEST IN 24 HRS. 0.02 ON 11
SNOWFALL, ICE PELLETS
TOTAL FOR THE MONTH 0 IN.
GREATEST IN 24 HRS 0 ON
GREATEST DEPTH ON GROUND 0 ON

PRESSURE DATA

HIGHEST STATION 26.69 IN. ON 7 & 31
LOWEST STATION 26.31 IN. ON 9

WEATHER

NUMBER OF DAYS—
CLEAR (Scale 0-3) 15
PARTLY CLOUDY (Scale 4-7) 7
CLOUDY (Scale 8-10) 9
WITH 0.01 INCH OR MORE PRECIP. 1
WITH 0.10 INCH OR MORE PRECIP. 0
WITH 0.50 INCH OR MORE PRECIP. 0
WITH 1.00 INCH OR MORE PRECIP. 0

SYMBOLS USED IN COLUMN 16

1=FOG
2=FOG REDUCING VISIBILITY TO ¼ MILE OR LESS
3=Thunder
4=ICE PELLETS
5=HAIL
6=GLAZE OR RIME BLOWING DUST OR BLOWING
7=SAND REDUCING VSBY TO ½ MILE OR LESS
8=SMOKE OR HAZE
9=BLOWING SNOW
X=TORNADO

MAXIMUM PRECIPITATION

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

*DATA ARE SUBJECT TO CORRECTION BY THE NATIONAL CLIMATIC DATA CENTER

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

☆U.S. GOVERNMENT PRINTING OFFICE: 1987 - 754-006-61256

MF 1-10A
(5-83)

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

STATION **WSMO, DESERT ROCK NEVADA**

DATE MAY 1, 1989

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIM. ETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0056	CLR	20			135	60	28	35	08		002	003	DC
SA	0155	CLR	20			137	58	29	04	08		002		DC
SA	0256	200 - SCT	20			139	57	29	06	06		002		DC
SA	0351	230 SCT	20			136	57	29	02	05		002	502 1001 55 RADAT 20120	RD
SA	0452	160 SCT 230 - SCT	20			143	57	30	09	03		003		RD
SA	0554	230 - SCT	20			146	59	33	02	06		004		RD
SA	0653	250 - BKTV	20			147	67	34	25	04		005	212 1028	RD
SA	0755	250 - BKN	20			145	71	36	22	10		005		RD
SA	0850	250 - BKN	20			143	72	36	25	15		004		RD
SA	0953	250 - SCT	20			143	75	31	23	18		004	6~~05~~ 03 1008 55	RD
SA	1053	250 - SCT	20			141	78	31	21	15		003		RD
SA	1154	250 - SCT	20			131	80	28	23	14		001		RD
SA	1251	CLR	20			125 ~~13~~	82	23	23	12		000	714 1101	RD
SA	1352	CLR	20			119	83	30	21	13		997		RD
SA	1456	250 - SCT	20			114	83	31	22	19		996		RD
SA	1556	250 - SCT	20			111	82	29	21	13	G21	995	614 1006 83	DC
													RADAT 20127	
SA	1655	250 - BKN	20			111	80	27	25	16		995		DC
SA	1755	250 - BKN	20			109	79	25	22	13		994		DC
SA	1851	250 - BKN	20			109	75	24	22	07		995	502 1008	DC
SA	1953	250 - SCT	20			114	73	21	24	04		996		DC
SA	2058	CLR	20			115	74	20	00	00		997		DC
SA	2155	CLR	20			115	73	20	15	03		997	108 83	DC
SA	2255	CLR	20			120	61	16	02	06		997		DC
SA	2358	CLR	20			125	63	17	01	08		000		DC

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii iRixhVV Nddff 1snTTT 2snTdTdTd 3PoPoPoPo 4PPPP 5appp 6RRRtR 7wwW1W2 8NhCLCMCH plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE MAY 1, 1989

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 56	26.610			30	0															0	0	.010			00-01
01 55	26.610			33	0															0					01-02
02 56	26.610			34	1															0					02-03
03 51	26.605			34	1	1	Ci	230												1	5	.005			03-04
04 52	26620			36	5															2					04-05
05 54	26.630			38	3															1					05-06
06 53	26640			30	7	0	AS	160	7	CS	250	7								1	2	.035			06-07
07 55	26.635			28	8															2					07-08
08 50	26630			27	9															1					08-09
09 53	26.630			20	5	5	Cs	250												0	6	.010			09-10
10 53	26620			18	3															0					10-11
11 54	26.600			15	2															0					11-12
12 51	26590			11	0	0	Cu	80	0	Ci	250	0								0	7	.040			12-13
13 52	26.570			15	0															0					13-14
14 56	26555			15	1															0					14-15
15 56	26.550			15	5	5	CS	250												0	6	.040			15-16
16 55	26.550			14	8															1					16-17
17 55	26.540			14	8															2					17-18
18 51	26.545			15	8	8	CS	250												0	5	.005			18-19
19 53	26.560			14	4															0					19-20
20 58	26.570			13	0															0					20-21
21 55	26.570			13	0															0	1	.025			21-22
22 55	26.570			17	0															0					22-23
23 58	26.590			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	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345		0	0		64	55										
	0345	1	0	0	0	66	55		0								
	0944	2	0	0	0	75	55		0								
	1550	3	0	0	0	83	75		0								
	2149	4	0	0	0	82	70		0								
	MID.		0	0	0	73	60										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0952	1554	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26605	26630	26.550	26.570
BAROGRAPH 64	26619	26630	26.550	26.570
BAR. CORR. 65	-.005	±0	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
83	55	0	0	0	26	SW	1158					5	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0451 SUNSET 1832

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: / 0456 / 1600 /

Changed Microbarograph at LST 0952

1251 / 1251

0953 / 1650

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: MAY 2, 1989

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0057	CLR	20			125	61	17	04	10		000	207	DC
SA	0155	CLR	20			122	61	19	04	08		000		DC
SA	0255	CLR	20			126	59	19	08	03		000		DC
SA	0355	CLR	20			128	55	18	09	05		000	500 1001 54 RADAT 25127	RD
SA	0455	250 ~~CLR~~ -SCT	20			134	53	17	13	06		001		RD
SA	0552	250 -BKN	20			146	58	18	11	03		005		RD
SA	0653	250 -BKN	20			153	63	19	17	04		007	222 1008	RD
SA	0750	250 -BKN	20			151	71	24	26	06		007		RD
SA	0854	250 -BKN	20			146	75	24	31	03		007		RD
SA	0950	250 -BKN	20			144	77	26	22	09		006	802 1008 53	RD
SA	1053	250 -BKN	20			145	82	31	31	08		006		RD
SA	1152	250 -BKN	20			134	82	31	18	13		003		RD
SA	1250	250 -BKN	20			131	85	34	23	11		002	714 1008	RD
SA	1354	250 -BKN	20			121	85	33	18	14		000		RD
SA	1450	250 -BKN	20			115	86	35	22	17		997		RD
SA	1558	250 -OVC	20			114	86	34	23	13		996	619 1007 87	DC
/													RADAT 29135	/
SA	1657	250 -OVC	20			114	85	32	23	13		996		DC
SA	1758	250 -OVC	20			115	83	31	22	09		996		DC
SA	1856	E250 OVC	20			115	78	28	27	04		996	202 1007	DC
SA	1956	E250 OVC	20			119	76	25	02	03		999		DC
SA	2057	E250 OVC	20			124	71	20	04	06		000		DC
SA	2157	E250 OVC	20			123	70	20	03	08		000	110 1007 87	DC
SA	2255	250-BKN	20			122	69	19	01	08		001		DC
SA	2357	250-SCT	20			132	65	19	08	04		003		DC

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Ndd$\mathcal{M}$ $1s_nTTT$ $2s_nT_dT_dT_d$ 3P[illegible] P_oP_o 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8N$_h$C$_L$ C$_M$C$_H$ plus regional and national data groups.

(4-86)

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE MAY 2, 1989

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 57	26.590			18	0															0	2	.020			00-01
01 55	26.585			19	0															0					01-02
02 55	26.590			21	0															0					02-03
03 55	26.590			23	0	0	Ci	250												0	5	.000			03-04
04 55	26.600			24	3															0					04-05
05 52	26.635			21	7															0					05-06
06 53	26.655			18	6	6	Cs	250												0	2	.065			06-07
07 50	26.655			17	9															0					07-08
08 54	26.655			15	8															1					08-09
09 50	26.650			15	7	7	Cs	250												1	8	.005			09-10
10 53	26.645			16	7															1					10-11
11 52	26.620			16	7															2					11-12
12 50	26.610			16	7	7	Cs	250												3	7	.040			12-13
13 54	26.585			16	7															3					13-14
14 50	26.565			16	8															3					14-15
15 58	26.555			16	10	10	CS	250												5	6	.055			15-16
16 57	26.555			15	10															4					16-17
17 58	26.560			15	10															3					17-18
18 56	26.560			16	10	10	CS	E250												6	2	.005			18-19
19 56	26.580			15	10															7					19-20
20 57	26.590			14	10															8					20-21
21 57	26.590			15	10	10	CS	E250												7	1	.030			21-22
22 55	26.595			15	7															3					22-23
23 57	26.615			17	4															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	63	54	X	X						X		
	0349	1	0	0	0	73	54		0								
	0944	2	0	0	0	77	53		0								
	1550	3	0	0	0	87	76		0								
	2150	4	0	0	0	86	70		0								
	MID.	X	0	0	0	71	64	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0949	1554	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.590	26.650	26.555	26.590
BAROGRAPH 64	26.595	26.655	26.555	26.590
BAR. CORR. 65	-.005	-.005	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNHL TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
87	53	0	0	0	19	SW	1447					8	7		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0449 SUNSET 1833

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: /0459/1606/

0455/0455

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAY 3, 1989

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0054	250 - SCT	20			130	64	20	05	05		002	007 1008	DC
SA	0158	250 - SCT	20			130	62	20	08	05		002		DC
SA	0257	250 - SCT	20			130	67	20	27	03		003		DC
SA	0350	250 - SCT	20			133	64	20	05	12		003	103 1008 60 RADAT 27129	CH
SA	0450	250 - BKN	20			138	63	19	23	05		004		CH
SA	0550	250 - BKN	20			143	68	22	01	06		006		CH
SA	0650	250 - BKN	20			151	73	24	04	09		008	317 1008	CH
SA	0750	250 - BKN	20			154	77	26	01	09		009		CH
SA	0850	250 - BKN	20			155	80	29	04	10		009		CH
SA	0950	250 - BKN	20			146	83	28	33	05		007	803 1008 60	CH
SA	1050	250 - BKN	20			141	84	32	16	06		006		CH
SA	1150	250 - OVC	20			135	87	35	00	00		004		CH
SA	1250	250 - OVC	20			132	88	35	25	12		003	714 1007	CH
SA	1350	250 - OVC	20			120	89	36	22	12		000		CH
SA	1450	250 - OVC	20			107	89	36	18	10		996		CH
SA	1550	250 - OVC	20			104	90	36	21	12	G19	995	624 1007 91	CH
SA	1654	250 - OVC	20			101	89	34	23	10	G20	994	RADAT 39132	DC
SA	1753	250 - OVC	20			099	87	32	23	12		994		DC
SA	1857	250 - OVC	20			103	82	28	27	06		995	500 1007	DC
SA	1956	250 - SCT	20			107	76	26	35	08		996		DC
SA	2058	CLR	20			115	74	27	03	08		999		DC
SA	2150	CLR	20			115	70	26	00	00		999	110 91	DC
SA	2255	CLR	20			116	70	27	00	00		000		DC
SA	2357	CLR	20			116	68	28	00	00		000		DC

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iiiii $i_R i_x h$VV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$ plus regional and national data groups.

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE MAY 3, 1989

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 54	26.610			18	1	1	CS	250												0	0	.020			00-01
01 58	26.610			20	1															0					01-02
02 57	26.620			17	1															0					02-03
03 50	26.620			18	1	1	CS	250												0	1	.010			03-04
04 50	26.630			18	6															0					04-05
05 50	26.650			18	7															0					05-06
06 50	26.670			16	7	7	CS	250												0	3	.050			06-07
07 50	26.680			15	7															0					07-08
08 50	26.680			16	9															0					08-09
09 50	26.660			13	9	9	CS	250												1	8	.010			09-10
10 50	26.650			15	9															1					10-11
11 50	26.630			16	10															1					11-12
12 50	26.620			15	10	10	CS	250												1	7	.040			12-13
13 50	26.590			15	10															1					13-14
14 50	26.560			15	10															1					14-15
15 50	26.550			15	10	10	CS	250												1	6	.070			15-16
16 54	26.540			14	10															3					16-17
17 53	26.540			14	10															3					17-18
18 57	26.550			14	10	10	CS	250												1	5	.000			18-19
19 56	26.560			16	3															1					19-20
20 58	26.580			17	0															0					20-21
21 50	26.580			19	0															0	1	.030			21-22
22 55	26.585			20	0															0					22-23
23 57	26.585			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	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348		0	0		68	60										
	0348	1	0	0	0	71	60		0								
	0948	2	0	0	0	83	61		0								
	1548	3	0	0	0	91	83		0								
	2147	4	0	0	0	90	70		0								
	MID.		0	0	0	75	68										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1548	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.620	26.660	26.550	26.580
BAROGRAPH 64	26.620	26.660	26.550	26.580
BAR. CORR. 65	± 0	± 0	± 0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73 *	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
91	60	0	0	0	21	SW	1638					9	6		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0448 SUNSET 1833

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: /0510 / 1715 /

* LAST OF SEVERAL OCCURRENCES

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAY 4, 1989

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0057	CLR	20			115	73	31	00	00		000	102	DC
SA	0155	CLR	20			115	72	33	06	06		000		DC
SA	0250	CLR	20			119	71	34	04	13		001		DC
SA	0350	CLR	20			125	70	34	04	14		002	308 67 RADAT 51126	CH
SA	0450	250-SCT	20			130	69	34	05	11		003		CH
SA	0550	250-SCT	20			136	72	35	04	12		005		CH
SA	0650	250-SCT	20			141	73	35	03	14		006	214 1001	CH
SA	0750	250-BKN	20			142	77	35	03	14		006		CH
SA	0850	250-BKN	20			139	81	34	35	10		006		CH
SA	0950	250-BKN	20			138	84	33	04	08		005	803 1001 67	CH
SA	1050	250-BKN	20			134	86	33	01	08		004		CH
SA	1150	250-SCT	20			126	87	32	32	06		002		CH
SA	1250	250-SCT	20			116	89	35	07	06		000	717 1001	CH
SA	1350	250-SCT	20			108	89	37	17	08		997	FEW SC	CH
SA	1450	250-SCT	20			100	91	41	32	05		995	FEW SC	CH
SA	1550	250 SCT	20			096	91	39	26	11		994	617 1101 93 RADAT 52134	008
SA	1655	250 SCT	20			094	90	38	30	06		993		008
SA	1753	250 SCT	20			094	88	36	23	07		993		008
SA	1850	250 SCT	20			098	84	33	24	06		994	500 1001	008
SA	1956	250 SCT	20			108	75	25	04	05		996		008
SA	2057	250 SCT	20			115	72	24	07	07		999		008
SA	2150	CLR	20			111	71	23	07	04		997	010 93	008
SA	2252	CLR	20			112	72	25	06	04		999		008
SA	2358	CLR	20			112	71	24	09	05		999		008

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: II_{iii} $i_R i_x hVV$ $Ndd\!f\!f$ $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ $4PPPP$ $5appp$ $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

(4-86)

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE MAY 4, 1989

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 57	26.585			21	0															0	1	.005			00-01
01 55	26.590			24	0															0					01-02
02 50	26.595			26	0															0					02-03
03 50	26.610			27	0															0	3	.025			03-04
04 50	26.620			27	4															0					04-05
05 50	26.640			26	4															0					05-06
06 50	26.650			25	4	4	ci	250												0	2	.040			06-07
07 50	26.650			22	7															1					07-08
08 50	26.650			18	7															1					08-09
09 50	26.640			16	6	6	ci	250												1	8	.010			09-10
10 50	26.630			15	6															1					10-11
11 50	26.610			14	4															1					11-12
12 50	26.590			15	3	3	ci	250												0	7	.050			12-13
13 50	26.570			16	3															0					13-14
14 50	26.550			18	3															0					14-15
15 50	26.540			16	2	0	cu	90	2	ci	250	2								2	6	.050			15-16
16 55	26.530			16	2															2					16-17
17 53	26.530			16	2															2					17-18
18 50	26.540			16	1	1	ci	250												1	5	.000			18-19
19 56	26.560			15	1															1					19-20
20 57	26.580			16	1															1					20-21
21 50	26.570			16	0															0	0	.030			21-22
22 52	26.575			17	0															0					22-23
23 58	26.575			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	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	75	67	X	X						X		
	0348	1	0	0	0	75	67		0								
	0948	2	0	0	0	84	67		0								
	1549	3	0	0	0	93	84		0								
	2149	4	0	0	0	92	71		0								
	MID.	X	0	0	0	74	68	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.610	26.640	26.540	26.570
BAROGRAPH 64	26.600	26.640	26.530	26.580
BAR. CORR. 65	+.010	± 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 UNHLTD (Ins.) 69	0400 SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
93	67	0	0	0	20	NE	0703					4	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0447 SUNSET 1834

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1035Z/1655P/

MF 1-10A
(5-83)

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

STATION WSMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE MAY 5 1989

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			114	67	25	05	04		999	203	008
SA	0150	CLR	20			113	67	24	16	05		999		008
SA	0250	CLR	20			114	66	24	12	07		999		008
SA	0350	CLR	20			117	69	29	09	04		000	303 63 RADAT 45131	CH
SA	0450	250- SCT	20			124	64	26	35	06		001		CH
SA	0550	250- OVC	20			129	72	31	05	09		003		CH
SA	0650	250- OVC	20			136	76	32	04	06		005	317 1001	CH
SA	0750	250- OVC	20			141	80	31	02	06		006		CH
SA	0850	250- OVC	20			140	85	32	00	00		006		CH
SA	0950	250- OVC	20			136	87	32	12	12		005	000 1001 63	CH
SA	1050	E 250 OVC	20			128	90	38	00	00		003		CH
SA	1150	E 250 OVC	20			123	91	39	12	05		002	FEW CU	CH
SA	1250	E 250 OVC	20			125	91	39	24	12		002	610 1107	CH
SA	1350	E 250 OVC	20			117	92	40	35	08		000	FEW CU	CH
SA	1450	E 250 OVC	20			110	93	40	00	00		997	FEW CU	CH
SA	1550	E 250 OVC	20			105	93	40	26	12		996	717 1107 95	CH
SA	1650	120 SCT 250 - OVC	20			107	92	40	03	06		996	RADAT 36137	008
SA	1750	120 SCT 250 - OVC	20			103	91	38	24	08		996		008
SA	1850	120 SCT 250 - OVC	20			107	87	35	29	06		997	303 1031	008
SA	1950	120 SCT 250 - BKN	20			114	82	30	02	03		000		008
SA	2050	250 - BKN	20			121	75	24	09	04		001		008
SA	2155	250 - BKN	20			120	74	23	09	04		001	110 1001 95	008
SA	2250	250 - SCT	20			118	72	23	06	03		001		008
SA	2355	250 - SCT	20			120	70	21	03	03		001		008

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x h$VV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

(4-8C)

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

NSMO, DESERT ROCK NEVADA

DATE MAY 5 1989

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	26.580			20	0															0	2	.010			00-01
01 50	26.575			20	0															0					01-02
02 50	26.580			20	0															0					02-03
03 50	26.590			22	0															0	3	.010			03-04
04 50	26.600			24	3															0					04-05
05 50	26.620			22	10															1					05-06
06 50	26.640			20	10	10	CI	250												1	3	.050			06-07
07 50	26.650			17	10															1					07-08
08 50	26.650			15	10															3					08-09
09 50	26.640			14	10	10	CI	250												4	0	.000			09-10
10 50	26.620			16	10															6					10-11
11 50	26.610			16	10															7					11-12
12 50	26.610			16	10	0	CU	80	10	CS	E250	10								7	6	.030			12-13
13 50	26.590			16	10															7					13-14
14 50	26.570			16	10															8					14-15
15 50	26.560			16	10	0	CU	80	10	CS	E250	10								7	7	.050			15-16
16 50	26.560			16	10															4					16-17
17 50	26.560			16	10															3					17-18
18 50	26.570			16	10	3	AC	120	7	CI	250	10								4	3	.010			18-19
19 50	26.585			15	7															3					19-20
20 50	26.600			15	6															2					20-21
21 55	26.600			15	6	6	CI	250												2	1	.030			21-22
22 50	26.600			16	3															1					22-23
23 55	26.600			16	2															1					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348		0	0		71	63										
	0348	1	0	0	0	74	63		0								
	0948	2	0	0	0	87	63		0								
	1548	3	0	0	0	95	87		0								
	2154	4	0	0	0	94	73		0								
	MID.		0	0	0	74	70										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1548	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.590	26.640	26.560	26.600
BAROGRAPH 64	26.570	26.630	26.560	26.350
BAR. CORR. 65	+.020	*+.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	0400 SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
95	63	0	0	0	20	SE	1216					10	7		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0446 SUNSET 1835

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: /0401/1752P/

* BAROGRAPH CHANGED AND RESET

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAY 6 1989

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	250-SCT	20			123	70	21	06	04		002	303 1001	008
SA	0150	250-SCT	20			124	67	20	08	03		002		008
SA	0250	250-SCT	20			129	65	19	10	05		003		008
SA	0350	250-SCT	20			129	65	20	22	03		003	103 1001 64	008
SA	0450	250-BKN	20			137	65	20	00	00		005	RADAT 45132	CH
SA	0550	250-BKN	20			145	67	19	00	00		007		CH
SA	0650	250-BKN	20			142	76	22	33	05		007	114 1001	CH
SA	0750	250-BKN	20			145	82	31	03	05		008		CH
SA	0850	250-BKN	20			143	86	35	29	05		007		CH
SA	0950	250-BKN	20			142	89	36	11	07		008	000 1001 62	CH
SA	1050	250-BKN	20			137	92	38	31	05		006		CH
SA	1150	250-BKN	20			134	94	40	23	12		005		CH
SA	1254	250-BKN	20			128	96	41	21	15	G21	004	710 1001	CH
SA	1354	250-BKN	20			127	94	39	20	14		003		CH
SA	1450	250-BKN	20			125	94	39	23	15	G20	002		CH
SA	1550	250-BKN	20			121	92	37	20	12	G20	001	710 1001 96 RADAT 20140	008
SA	1650	250-BKN	20			122	91	35	21	11		001		008
SA	1750	E 250 BKN	20			122	89	35	23	06		001		008
SA	1850	E 250 BKN	20			125	84	32	20	04		002	303 1002	008
SA	1950	E 250 BKN	20			127	79	26	07	05		003		008
SA	2055	E 250 BKN	20			134	78	27	07	05		005		008
SA	2150	E 250 OVC	20			132	78	26	06	04		005	110 1002 96	008
SA	2250	250-OVC	20			141	72	20	04	06		007		008
SA	2355	250-OVC	20			130	77	26	02	04		005		008

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_X$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP $5a_{pp}p$ $6RRR_{tR}$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE MAY 6 1989

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.610			16	2	2	ci	250												1	3	.010			00-01
01 50	26.610			16	4															2					01-02
02 50	26.620			17	4															2					02-03
03 50	26.620			18	4	4	ci	250												2	1	.010			03-04
04 50	26.640			18	7															2					04-05
05 50	26.660			16	7															2					05-06
06 50	26.660			13	7	7	ci	250												2	1	.040			06-07
07 50	26.670			16	7															2					07-08
08 50	26.660			16	7															2					08-09
09 50	26.660			15	7	7	ci	250												2	0	.000			09-10
10 50	26.650			15	7															2					10-11
11 50	26.640			15	7															2					11-12
12 54	26.630			15	7	7	ci	250												2	7	.030			12-13
13 54	26.620			15	7															3					13-14
14 50	26.610			15	8															3					14-15
15 50	26.600			15	7	7	ci	250												3	7	.030			15-16
16 50	26.600			14	7															3					16-17
17 50	26.600			15	9															8					17-18
18 50	26.610			15	8	8	ci	E250												8	3	.010			18-19
19 50	26.620			14	8															8					19-20
20 55	26.640			15	8															8					20-21
21 50	26.640			15	10	10	ci	E250												9	1	.030			21-22
22 50	26.660			14	10															5					22-23
23 55	26.640			15	10															3					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	70	64	X	X						X		
	0348	1	0	0	0	74	64		0								
	0948	2	0	0	0	89	62		0								
	1549	3	0	0	0	96	89		0								
	2149	4	0	0	0	92	77		0								
	MID.	X	0	0	0	79	72	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.620	26.660	26.600	26.640
BAROGRAPH 64	26.620	26.660	26.605	26.640
BAR. CORR. 65	± 0	± 0	-.005	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	0400 SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
96	62	0	0	0	24	SW	1312					7	7		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0445 SUNSET 1836

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

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

TIME CHECK — CLOCK CORRECT TO NEAREST MINUTE AT: 1045 / 1647P /

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAY 7 1989

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0055	250 - BKN	20			130	75	24	33	03		005	000 1001	008
SA	0150	250 - BKN	20			133	69	18	04	04		005		008
SA	0250	250 - BKN	20			137	70	21	01	05		006		008
SA	0352	250 - BKN	20			143	70	20	06	08		007	307 1001 68	SH
SA	0450	250 - OVC	20			145	71	23	31	03		008		SH
SA	0550	E250 OVC	20			150	72	26	01	08		009		SH
SA	0650	250 - OVC	20			152	80	26	19	03		011	310 1007	SH
SA	0750	E250 OVC	20			154	83	33	00	00		011		SH
SA	0852	E250 OVC	20			148	88	36	22	12		009		SH
SA	0952	250 - OVC	20			144	90	37	24	15	G22	008	807 1007 68	SH
SA	1052	250 - OVC	20			141	91	38	23	14	G23	007		SH
SA	1152	250 - OVC	20			130	93	39	22	16	G25	005		SH
SA	1252	250 - OVC	20			127	94	40	21	16	G26	004	714 1007	SH
SA	1353	250 - BKN	20			122	94	41	23	14		002		SH
SA	1448	250 - BKN	20			114	96	42	22	16	G25	000		SH
SA	1553	250 - BKN	20			109	95	41	21	16	G22	999	617 1001 96 RADAT 20141	MR
SA	1653	250 - BKN	20			108	94	40	23	14		998		MR
SA	1752	250 - BKN	20			105	92	38	21	14		997		MR
SA	1855	250 - BKN	20			109	88	35	23	10		999	500 1001	MR
SA	1951	250 - BKN	20			112	85	33	23	08		000		MR
SA	2055	250 - BKN	20			115	82	31	24	08		001		MR
SA	2153	250 - BKN	20			111	82	31	24	12		000	003 1001 96	MR
SA	2252	250 - SCT	20			112	78	26	14	05		000		MR
SA	2354	250 - SCT	20			116	70	21	06	06		001		MR

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIIII iRiXhVV Nddff 1s_nTTT 2$s_n$$T_d$$T_d$$T_d$ 3$P_o$$P_o$$P_o$$P_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8$N_h$$C_L$$C_M$$C_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE MAY 7 1989

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 55	26.640			15	6	6	ci	250												2	0	.000			00-01
01 50	26.640			14	6															3					01-02
02 50	26.650			16	6															3					02-03
03 52	26.660			15	6	6	ci	250												3	3	.020			03-04
04 50	26.665			17	10															5					04-05
05 50	26.680			18	10															6					05-06
06 50	26.690			14	10	10	cs	250												5	3	.030			06-07
07 50	26.690			16	10															6					07-08
08 52	26.680			15	10															6					08-09
09 52	26.670			16	10	10	cs	250												5	8	.020			09-10
10 52	26.660			16	10															5					10-11
11 52	26.640			16	10															4					11-12
12 52	26.630			16	10	10	cs	250												4	7	.040			12-13
13 53	26.610			16	7															3					13-14
14 48	26.590			16	6															3					14-15
15 53	26.580			16	6	6	ci	250												2	6	.050			15-16
16 53	26.575			15	7															2					16-17
17 52	26.565			15	9															1					17-18
18 55	26.580			15	6	6	ci	250												1	5	.000			18-19
19 51	26.590			16	7															1					19-20
20 55	26.600			15	9															2					20-21
21 53	26.590			16	8	8	ci	250												2	0	.010			21-22
22 52	26.590			15	5															1					22-23
23 54	26.595			16	4															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	77	68	X	X						X		
	0350	1	0	0	0	79	68		0								
	0951	2	0	0	0	90	68		0								
	1550	3	0	0	0	96	90		0								
	2150	4	0	0	0	95	82		0								
	MID.	X	0	0	0	83	70	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0951	1552	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.660	26.670	26.580	26.590
BAROGRAPH 64	26.650	26.670	26.575	26.580
BAR. CORR. 65	+.010	0	+.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
96	68	0	0	0	26	SW	1515 L					9	8		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0444 SUNSET 1837

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 0755P / 1555P /

L LAST OF SEVERAL OCCURENCES

MF 1-10A
(5-83)

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

STATION WSMO, DESERT ROCK NEVADA

DATE MAY 8 1989

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0054	250 -SCT	20			112	68	20	03	06		999	803 1001	MR
SA	0156	250 -BKN	20			116	67	20	04	05		000		MR
SA	0251	250 -BKN	20			112	65	19	05	06		999		MR
SA	0350	250 -SCT	20			109	66	19	05	06		997	803 1001 64 RADAT 32136	SH
SA	0452	250 SCT	20			114	64	18	09	04		999		SH
SA	0552	170 SCT 250 SCT	20			118	64	20	14	04		000		SH
SA	0653	250 -SCT	20			120	73	22	00	00		001	210 1001	SH
SA	0751	250 -SCT	20			115	81	32	25	04		001		SH
SA	0850	250 -SCT	20			114	84	34	21	05		000		SH
SA	0954	250 -SCT	20			104	88	37	23	12		997	810 1006 64	SH
SA	1050	250 -SCT	20			097	91	39	21	15	G24	995		SH
SA	1152	250 -BKN	20			091	93	41	22	10	G21	993		SH
SA	1254	250 SCT	20			085	94	41	23	14	G20	991	720 1008	SH
SA	1354	250 -BKN	20			076	96	43	24	12	G21	988		SH
SA	1450	E250 BKN	20			068	93	40	22	12	G25	985	FEW CU AC	SH
SA	1553	E250 OVC	20			064	94	41	21	14	G21	984	620 1172 96 RADAT 20138	MR
SA	1651	E250 OVC	20			061	91	38	22	12		983	FEW CU AC	MR
SA	1753	140 SCT E250 OVC	20			055	90	37	19	13		981		MR
SA	1855	140 SCT E250 OVC	20			053	88	35	19	12		982	508 1072	MR
SA	1953	140 SCT E250 BKN	20			057	84	33	21	07		983		MR
SA	2051	140 SCT E250 BKN	20			059	82	32	22	06		984		MR
SA	2154	E250 OVC	20			056	80	30	17	04		983	005 1072 96	MR
SA	2254	140 SCT 250-OVC	20			060	76	32	08	04		984		MR
SA	2354	140 SCT E250 OVC	20			056	74	34	09	05		983		MR

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII Iliii iRiVhVV Nddff 1s TTT 2s TdTdTd 3PoPoPoPo 4PPPP 5appp 6RRRtR 7wwW1W2 8NhCLCMCH plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

[illegible], DESERT ROCK NEVADA

DATE MAY 8 1989

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 54	26.580			16	2	2	Cl	250												0	8	.010			00-01
01 56	26.590			17	7															1					01-02
02 51	26.580			17	7															0					02-03
03 50	26.570			16	2	2	Cl	250												0	8	.010			03-04
04 52	26.580			17	2															2					04-05
05 52	26.590			18	2															2					05-06
06 53	26.600			15	1	1	Cl	250												0	2	.030			06-07
07 51	26.595			17	1															0					07-08
08 50	26.590			17	2															1					08-09
09 54	26.570			17	4	4	Cs	250												1	8	.030			09-10
10 50	26.550			16	5															2					10-11
11 52	26.530			16	8															2					11-12
12 54	26.510			16	4	4	Cs	250												3	7	.060			12-13
13 54	26.490			17	8															4					13-14
14 50	26.460			16	8															6					14-15
15 53	26.450			16	10	0	Cu	100	0	Ac	140	0	10	Ci	E250	10				7	6	.060			15-16
16 51	26.440			16	10															8					16-17
17 53	26.420			16	10															8					17-18
18 55	26.425			15	10	2	Ac	140	8	Ci	E250	10								6	5	.025			18-19
19 53	26.440			16	9															6					19-20
20 51	26.445			16	9															6					20-21
21 54	26.440			16	10	0	Ac	140	10	Ci	E250	10								6	0	.015			21-22
22 54	26.450			20	10															4					22-23
23 54	26.440			23	10															7					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349		0	0		70	64										
	0349	1	0	0	0	83	64		0								
	0953	2	0	0	0	89	64		0								
	1550	3	0	0	0	96	88		0								
	2152	4	0	0	0	95	80		0								
	MID.		0	0	0	80	73										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0953	1552	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.570	26.570	26.450	26.440
BAROGRAPH 64	26.565	26.570	26.445	26.435
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 TO (Ins.) 69	SNOW DEPTH (Ins.) 0400 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
96	64	0	0	0	26	SW	1100					5	6		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0443 SUNSET 1838

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

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

TIME CHECK — CLOCK CORRECT TO NEAREST MINUTE AT: 1025P/1653P/

0954/0954

MF1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAY 9 1989

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVERS INITIALS (15)
SA	0056	140 SCT E250 OVC	20			052	74	33	09	03		982	803 1077	MR
SA	0151	E250 OVC	20			043	76	34	14	03		980		MR
SA	0253	140 SCT E250 OVC	20			041	75	34	00	00		979		MR
SA	0350	140 SCT E250 OVC	20			041	74	33	33	04		979	610 1077 72 RADAT 26132	SH
SA	0449	E140 BKN 250 OVC	20			050	72	33	00	00		981		SH
SA	0549	E140 BKN 250 OVC	20			054	74	36	00	00		982		SH
SA	0654	E130 BKN 250 OVC	20			057	77	35	21	07		983	114 1077	SH
SA	0751	E120 BKN 140 OVC	20			072	74	43	16	15	G24	986	PK WND 1637/33	SH
SA	0854	E120 BKN 140 OVC	20			065	73	43	17	07		984	RB40E48	SH
SA	0953	E120 BKN 140 OVC	20			065	73	43	08	06		984	00300 107/71	SH
SA	1052	E120 BKN 140 OVC	20			054	79	37	15	13		981		SH
SA	1152	90 SCT E120 BKN 140 OVC	20			049	76	42	03	13		979	CB E-SE	SH
SA	1255	E90 BKN 250 BKN	20			035	82	38	11	15	G22	975	CB ALQDS RWUE 1727 1303	SH
SA	1350	E90 BKN 250 BKN	20			018	84	41	12	15		971	CB ALQDS RWUE	SH
SA	1448	90 SCT	20			010	87	37	17	16	G26	969	CB E MOVG N RWU NE	SH
SA	1552	90 SCT	20			010	85	37	17	23	G32	969	CB N AND E MOVG N 620	MR
													1300 88 RADAT 75127	
SA	1655	90 SCT	20			024	80	37	21	20	G29	972	CB N-NE MOVG N	MR
SA	1753	CLR	20			035	74	37	22	19	G25	974	CB NE MOVG N	MR
SA	1855	CLR	20			048	70	39	22	14		978	329 1060	MR
SA	1950	100 SCT	20			057	68	37	18	16		980		MR
SA	2053	100 SCT	20			070	65	40	20	18		983		MR
SA	2154	CLR	20			065	63	42	20	09		982	010 1070 88	MR
SA	2252	CLR	20			058	64	37	22	11		981	FEW AC	MR
SA	2354	CLR	20			062	61	39	21	14	G23	981	FEW AC	MR

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

WSMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE MAY 9 1989

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 56	26.430			22	10	1	AC	140	10	CS	E250	10								7	8	.010			00-01
01 51	26.410			22	10															8					01-02
02 53	26.400			22	10															10					02-03
03 50	26.400			22	10	2	AC	140	8	CS	E250	10								10	6	.030			03-04
04 49	26.420			24	10															10					04-05
05 49	26.430			25	10															10					05-06
06 54	26.440			22	10	8	AC	E130	2	CS	250	10								10	1	.040			06-07
07 51	26.470			33	10															10					07-08
08 54	26.450			35	10															10					08-09
09 53	26.450			35	10	8	AC	E120	2	AC	140	10								10	0	.010			09-10
10 52	26.420			22	10															10					10-11
11 52	26.400			29	10															10					11-12
12 55	26.370			21	7	6	CB	E90	1	CI	250	7								7	7	.080			12-13
13 50	26.330			22	7															7					13-14
14 48	26.310			17	4															4					14-15
15 52	26.310			18	3	0	CB	70	3	CU	90	3								3	6	.060			15-16
16 55	26.335			21	2															2					16-17
17 53	26.360			26	0															0					17-18
18 55	26.395			32	0	0	AC	100												0	3	.085			18-19
19 50	26.410			32	1															1					19-20
20 53	26.440			40	1															1					20-21
21 54	26.425			45	0	0	AC	100												0	0	.030			21-22
22 52	26.415			37	0															0					22-23
23 54	26.415			44	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349		0	0		77	72										
	0349	1	0	0	0	80	72		0								
	0952	2	T	0	0	78	71		0								
	1549	3	0	0	0	88	73		0								
	2152	4	0	0	0	85	63		0								
	MID.		0	0	0	64	61										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0952	1551	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.400	26.450	26.310	26.425
BAROGRAPH 64	26.400	26.450	26.310	26.415
BAR. CORR. 65	0	0	0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 0400 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
88	61	T	0	0	37	5	0733					7	6		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
Rw-	0840	0848			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0442 SUNSET 1839

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

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

TIME CHECK — CLOCK CORRECT TO NEAREST MINUTE AT: 0625P / 1754P /

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAY 10 1989

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0053	CLR	20			054	59	40	21	22	G27	979	808 1070	MR
SA	0152	120 SCT	20			058	58	41	22	19		980		MR
SA	0255	120 SCT	20			052	57	42	23	14	G25	979		MR
SA	0353	70 SCT	20			055	55	42	23	14	G20	979	000 1500 55 RADAT 87L094101	008
SA	0450	70 SCT 180 SCT	20			057	55	41	23	17	G24	979		008
SA	0550	180 SCT	20			059	56	39	25	15	G20	979		008
SA	0650	180 SCT	20			071	58	39	25	21	G27	982	310 1040	008
SA	0750	100 SCT 180 SCT	20			076	62	37	23	18	G25	984		008
SA	0850	180 SCT	20			078	63	36	22	20	G26	984	FEW CU SE	008
SA	0955	180 SCT	20			075	67	33	22	22	G28	983	003 1040 54	008
SA	1055	180 SCT	20			072	70	31	22	22	G27	983		008
SA	1155	180 SCT	20			076	70	28	19	22	G28	984		008
SA	1250	150 SCT	20			073	70	30	18	23	G30	983	802 1070	008
SA	1350	150 SCT	20			067	71	31	20	19	G26	981		008
SA	1450	150 SCT	20			060	71	29	23	18	G30	979		008
SA	1555	60 SCT	20			050	70	30	23	17	G27	975	822 1200 72 RADAT 60099	MR
SA	1657	60 SCT 200 SCT	20			039	70	30	23	14	G19	972	SML CBS SE-S	MR
SA	1758	60 SCT 200 SCT	20			037	66	34	24	17	G23	971	CB NE AND SW	MR
SA	1853	E 60 BKN 200 BKN	20			054	60	35	24	15		975	500 1403	MR
SA	1952	M 65 BKN 200 BKN	20			049	59	34	24	15	G24	974	LTNG NE AND NW	MR
SA	2059	E 65 BKN 200 BKN	20			061	57	32	26	16	G23	977	LTNG NW	MR
SA	2154	65 SCT 200-SCT	20			060	55	31	26	10		977	107 1403 72	MR
SA	2254	70 SCT	20			066	54	31	26	09		980		MR
SA	2350	60 SCT	20			064	52	30	29	10		979		MR

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$ plus regional and national data groups.

MA 1-10B
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAY 10 1989

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

SURFACE WEATHER OBSERVATIONS

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.400			50	0	0	Ac	100												0	8	.025			00-01
01 52	26.410			53	2															2					01-02
02 55	26.400			57	3															3					02-03
03 53	26.400			61	3	3	Sc	70												3	0	.000			03-04
04 50	26.400			59	4															4					04-05
05 50	26.400			53	3															3					05-06
06 50	26.430			49	2	2	ACSL	180												2	3	.030			06-07
07 50	26.445			39	3															3					07-08
08 50	26.450			37	1															1					08-09
09 55	26.440			28	2	2	ACSL	180												2	0	.010			09-10
10 55	26.440			24	2															2					10-11
11 55	26.445			21	2															2					11-12
12 50	26.435			23	3	3	Ac	150												3	8	.005			12-13
13 50	26.420			23	3															3					13-14
14 50	26.460			21	3															3					14-15
15 55	26.370			23	3	3	Cu	60												3	8	.065			15-16
16 57	26.340			23	1															1					16-17
17 58	26.330			30	2															2					17-18
18 53	26.370			39	8	7	Sc	E60	1	Ci	200	8								8	5	.000			18-19
19 52	26.360			39	9															9					19-20
20 59	26.390			39	9															9					20-21
21 54	26.390			40	3	1	Sc	65	2	Ci	200	3								1	1	.020			21-22
22 54	26.410			41	3															3					22-23
23 50	26.400			43	3															3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0352		0	0		61	55										
	0352	1	0	0	0	64	55		0								
	0954	2	0	0	0	67	54		0								
	1551	3	0	0	0	72	67		0								
	2150	4	0	0	0	71	55		0								
	MID.		0	0	0	55	52										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0954	1555	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.400	26.440	26370	26390
BAROGRAPH 64	26.385	26.430	26360	26380
BAR. CORR. 65	+.015	+.010	+.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 0400 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
72	52	0	0	0	34	SW	1544					2	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0441 SUNSET 1839

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

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

TIME CHECK — CLOCK CORRECT TO NEAREST MINUTE AT: 1035P / 1855 /

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAY 11 - 1989

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0054	CLR	20			057	50	29	28	06		976	LTNG DSNT N / 803 1003	MS
SA	0158	CLR	20			046	48	28	35	06		973		MS
SA	0250	M 45 BKN	20			046	49	29	11	04		973	LTNG DSNT NE	MS
SA	0355	E ~~AA~~ 80 BKN	20			042	47	33	27	07		972	614 1400 46 RADAT 65073	008
SA	0450	E 80 BKN	20			050	47	33	32	07		974	CLDS LWR S	008
SA	0550	E 80 BKN	20			057	48	37	26	10		975	RWUS	008
SA	0655	M 35 OVC	20			067	47	35	23	15		977	217 1411	008
SA	0755	22 SCT 40 OVC	10			080	46	39	24	15		981	RWU NW SE	008
SA	0855	M 22 BKN 40 OVC	10		RW-	088	45	40	26	08		983	RB50	008
SA	0955	M 20 BKN 40 OVC	10		RW-	099	45	40	18	06		985	22402 1411 45	008
SA	1055	M 20 BKN 40 OVC	15			097	48	39	25	08		985	RE30	008
SA	1150	M 16 BKN 35 OVC	15			098	49	41	30	11		985		008
SA	1255	M 26 BKN 35 BKN	20			097	51	38	23	10		985	~~40200~~ ~~400~~ 1400	008
SA	1356	~~M3~~ M 28 BKN 40 BKN	20			105	53	38	26	12		987		008
SA	1450	30 SCT E 150 BKN 220 BKN	20			103	53	38	24	13		987		008
SA	1553	25 SCT 150 SCT E 200 OVC	20			110	52	38	24	10		988	TCU SE / 310 1263 54	MS
—	—												RADAT 83070	—
SA	1653	25 SCT 150 SCT E 200 BKN	20			111	51	37	24	10		988	CB DSNT SE	MS
SA	1754	E 150 OVC	20			115	50	37	23	08		990	FEW SC	MS
SA	1850	E 150 BKN 200 OVC	20			115	50	38	21	08		990	103 1063	MS
SA	1953	M 55 BKN 150 OVC	20			120	50	38	25	07		991		MS
SA	2050	M 45 BKN 150 OVC	20			124	49	40	24	11		992	BINOVC	MS
SA	2150	22 SCT M 45 BKN 150 OVC	20			131	49	39	24	07		994	314 146/ 55	MS
SA	2250	22 SCT M 65 BKN 150 BKN	20			128	48	41	23	05		993	~~RB0653 E13~~ RB0553 E13	MS
SA	2350	CLR	20			124	46	40	11	03		992	FEW SC	MS

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_X h$VV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_{24}P_{24}P_{24}$ 4PPPP 5appp 6RRRt_R 7wwW_1W_2 $8N_hC_LC_MC_H$ plus regional and national data groups.

(4-66)

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE MAY 11-1989

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 54	26.380			44	0	0	CI	200												0	8	.010			00-01
01 58	26.350			46	0															0					01-02
02 50	26.350			46	8															8					02-03
03 55	26.340			58	7	7	SC	E M80												7	6	.040			03-04
04 50	26.360			58	7															7					04-05
05 50	26.370			66	7															7					05-06
06 55	26.390			63	10	10	SC	M35												10	2	.050			06-07
07 55	26.420			77	10															10					07-08
08 55	26.435			83	10															10					08-09
09 55	26.460			83	10	6	CUFRA	M20	4	SC	40	10								10	2	.070			09-10
10 55	26.460			71	10															10					10-11
11 50	26.460			74	10															10					11-12
12 55	26.460			61	9	6	CUFRA	M26	3	SC	35	9								9	4	.000			12-13
13 56	26.480			57	9															9					13-14
14 50	26.475			57	9															8					14-15
15 53	26.490			59	10	3	CU	25	2	AC	150	5	5	CI	E200	10				8	3	.030			15-16
16 53	26.490			59	9															8					16-17
17 54	26.500			61	10															9					17-18
18 50	26.500			63	10	6	AC	E150	4	CI	200	10								8	1	.010			18-19
19 53	26.510			63	10															10					19-20
20 50	26.520			71	10															9					20-21
21 50	26.540			68	10	3	CUFRA	22	5	SC	M45	8	2	AC	150	10				9	3	.040			21-22
22 50	26.530			77	7															7					22-23
23 50	26.520			80	0															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0354	X	0	0	X	52	46	X	X						X		
	0354	1	0	0	0	55	46		0								
	0954	2	.02	0	0	48	45		0								
	1550	3	0	0	0	54	45		0								
	2147	4	0	0	0	53	49		0								
	MID.	X	T	0	0	49	46	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0954	1553	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.340	26.460	26.490	26.540
BAROGRAPH 64	26.340	26.445	26.480	26.525
BAR. CORR. 65	±0	+.015	+.010	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	0400 SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
54	45	.02	0	0	18	SW	0757					9	8		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0850	1030			
RW-	2153	2213			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0440 SUNSET 1840

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

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

TIME CHECK — CLOCK CORRECT TO NEAREST MINUTE AT: 1040AP / 1740 /

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: MAY 12-1989

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVERS INITIALS (15)
SA	0058	CLR	20			120	45	40	30	08		991	AC SE / 710001070	
SA	0150	CLR	20			116	44	40	18	03		990	AC SE	
SA	0250	CLR	20			120	42	39	36	06		991		
SA	0350	CLR	20			124	42	39	35	05		992	3030041 RADAT 76083 20002	
SA	0450	280 SCT	20			130	41	38	35	05		993		
SA	0550	280 - BKN	20			134	42	39	12	05		994		
SA	0650	E 280 BKN	20			133	49	40	25	04		995	210 1001	
SA	0750	E 250 BKN	20			132	52	41	21	08		995		
SA	0855	150 SCT E 250 BKN	20			137	55	40	23	12		996		
SA	0950	80 SCT 150 SCT E 250 BKN	20			133	57	39	24	08		996	103 1232 40	
SA	1050	80 SCT 180 SCT E 250 BKN	20			128	60	39	21	11		995		
SA	1150	80 SCT 230 SCT	20			123	63	38	21	08		994		
SA	1255	80 SCT 230 SCT	20			110	68	38	23	12		991	817 1203	
SA	1350	E80 BKN 230 BKN	20			099	69	34	25	14		987		
SA	1455	E80 BKN 200 BKN	20			101	68	32	28	09		987		
SA	1553	E80 BKN 200 BKN	20			092	69	28	30	12	G18	985	VIRGA NE-SE / 717 1202	
—	—												71 RADAT 70094	—
SA	1652	E80 BKN 200 BKN	20			090	68	28	32	11		984	VIRGA NE-SE	
SA	1757	80 SCT	20			089	68	29	31	06		984	TCU VIRGA SE	
SA	1850	80 SCT	20			087	65	31	24	09		984	TCU VIRGA SE / 603 1200	
SA	1951	CLR	20			091	62	33	23	08		985	FEW SC	
SA	2050	CLR	20			095	59	32	16	03		986	FEW SC	
SA	2150	CLR	20			092	55	31	06	06		985	FEW SC CI / 003 1401	
~~SA~~	~~2254~~	~~120 SCT 250 SCT~~	~~20~~										71	—
SA	2254	120 SCT 250 SCT	20			087	55	33	08	06		984		
SA	2350	M 65 BKN	20			082	54	33	03	03		983		

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_X$hVV Nddff $1s_nTTT$ $2s_pT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAY 12 - 1989

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 58	26.510			83	0	0	Ac	150												0	7	.030			00-01
01 50	26.500			86	0															0					01-02
02 50	26.510			89	0															0					02-03
03 50	26.520			89	0															0	3	.010			03-04
04 50	26.530			89	3															2					04-05
05 50	26.540			89	7															1					05-06
06 50	26.550			71	8	8	ci	6250												5	2	.030			06-07
07 50	26.550			66	7															6					07-08
08 55	26.560			57	7															6					08-09
09 50	26.560			51	8	1	cu	80	2	Ac	150	3	5	ci	6250	8				7	1	.010			09-10
10 50	26.550			46	7															6					10-11
11 50	26.540			40	5															3					11-12
12 55	26.510			33	5	3	cu	80	2	ci	230	5								4	8	.050			12-13
13 50	26.480			27	7															6					13-14
14 55	26.480			26	9															8					14-15
15 53	26.460			22	8	7	cu	E80	2	ci	200	8								8	7	.050			15-16
16 52	26.450			22	7															7					16-17
17 57	26.450			23	5															5					17-18
18 50	26.450			28	1	1	cu	80												1	6	.010			18-19
19 51	26.460			34	0															0					19-20
20 50	26.470			36	0															0					20-21
21 50	26.460			40	0	0	Sc	80	0	ci	250	0								0	0	.010			21-22
22 54	26.450			43	2															2					22-23
23 50	26.440			45	7															7					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	47	41	X	X						X		
	0349	1	T	0	0	49	41		0								
	0949	2	0	0	0	57	40		0								
	1550	3	0	0	0	71	57		0								
	2146	4	0	0	0	69	55		0								
	MID.	X	0	0	0	57	53	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1553	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.520	26.560	26.460	26.460
BAROGRAPH 64	26.520	26.560	26.465	26.460
BAR. CORR. 65	±0	±0	-.005	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	0400 SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
71	40	0	0	0	21	NW	1510					7	4		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0440 SUNSET 1841

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1034P / 1619 /

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAY 13-1989

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0053	M70 BKN	20			075	55	33	05	08		982	710 1400	[illegible]
SA	0151	M45 OVC	20			078	55	33	31	03		983		[illegible]
SA	0251	M55 OVC	20			069	57	40	13	05		981	RB 0957 E13	[illegible]
SA	0350	M55 OVC	20			070	57	39	22	04		982	802°1411 53 RADAT 76091	008
SA	0455	M55 OVC	20			065	57	38	33	04		980		008
SA	0550	M55 OVC	20			069	58	36	26	05		981		008
SA	0650	M55 OVC	20			077	57	37	29	06		983	303 1411	008
SA	0750	E55 BKN 80 OVC	20			078	58	38	02	09		983		008
SA	0853	55 SCT E80 OVC	20			075	58	40	32	10		982	BINOVC RWU S	008
SA	0950	40 SCT E70 BKN 200 BKN	20			081	59	41	02	10	G16	983	500 1303 53	008
SA	1050	50 SCT E70 BKN 200 BKN	20			080	58	44	04	19	G24	982	RWU ~~W S~~ S W	008
SA	1150	40 SCT E70 BKN 200 BKN	20			072	60	40	03	16	G22	980	RWU SE NW 50200	008
SA	1250	M38 BKN 70 BKN 200 OVC	10		RW-	080	58	40	35	12	G18	982	VSBY LWR W RB45 / ~~502~~ 1307	008
SA	1355	50 SCT 150 SCT E 200 BKN	20			075	58	43	03	20	G25	981	CB NE SE RE30	008
SA	1455	50 SCT 150 SCT 200-BKN	20			063	59	42	03	16	G21	977	CB SE	008
SA	1553	230 SCT	20			066	61	40	35	09		979	CB SE / 51000 1903 61	[illegible]
—	—												RADAT 58092	—
SA	1651	40 SCT 230 SCT	20			065	60	40	35	08		979	CB SE AND NW RWU NW	[illegible]
SA	1753	230 SCT	20			067	58	40	01	09		979	CB SE S AND NW	[illegible]
SA	1850	230 SCT	20			076	57	40	02	08		981	CB NW / 307 1903	[illegible]
SA	1950	M65 BKN 230 BKN	20			085	54	40	04	13		983		[illegible]
SA	2051	M50 BKN 230 BKN	20			092	53	39	04	13		985		[illegible]
SA	2152	M45 BKN	20			088	52	39	05	14		984	010 1400 61	[illegible]
SA	2251	45 SCT	20			093	51	39	06	10		985		[illegible]
SA	2350	45 SCT	20			089	52	40	04	09		984		[illegible]

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8$N_hC_LC_MC_H$ plus regional and national data groups.

(4-86)

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE MAY 13 - 1989

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.430			43	8	8	SC	M70												8	7	.030			00-01
01 51	26.440			43	10															10					01-02
02 51	26.420			53	10															10					02-03
03 50	26.425			51	10	10	SC	M55												10	8	.005			03-04
04 55	26.410			49	10															10					04-05
05 50	26.420			44	10															10					05-06
06 50	26.435			47	10	10	SC	M55												10	3	.010			06-07
07 50	26.435			47	10															10					07-08
08 53	26.425			51	10															9					08-09
09 50	26.435			51	9	4	CB	40	3	SC	E70	7	2	ci	200	9				8	5	.000			09-10
10 50	26.430			60	9															8					10-11
11 50	26.410			48	8															8					11-12
12 50	26.430			51	10	6	CB	M38	3	SC	70	9	1	CS	200	10				10	5	.005			12-13
13 55	26.420			57	7															7					13-14
14 55	26.390			53	6															3					14-15
15 53	26.400			46	2	0	CB	40	2	CI	230	2								2	5	.030			15-16
16 51	26.400			48	3															3					16-17
17 53	26.400			51	3															3					17-18
18 50	26.420			53	2	0	CB	40	2	CI	230	2								2	3	.020			18-19
19 50	26.440			59	8															8					19-20
20 51	26.460			59	8															8					20-21
21 52	26.450			61	8	8	SC	M45												8	0	.030			21-22
22 51	26.460			63	4															4					22-23
23 50	26.450			64	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	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	T	0	X	59	54	X	X						X		
	0349	1	T	0	0	59	53		0								
	0949	2	0	0	0	60	56		0								
	1550	3	T	0	0	61	54		0								
	2148	4	0	0	0	61	52		0								
	MID.	X	0	0	0	52	51	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1553	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.425	26.435	26.400	26.450
BAROGRAPH 64	26.420	26.435	26.395	26.445
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	0400 SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
61	51	T	0	0	26	NE	1032					8	7		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0157	0213			
RW-	1245	1330			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0439 SUNSET 1842

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1035P / 1852 /

BAROGRAPH CHANGED 0950PST

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: MAY 14-1989

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0050	CLR	20			090	50	40	05	12		984	SC SE / 000 1400	[illegible]
SA	0157	CLR	20			089	50	40	05	10		984		[illegible]
SA	0251	CLR	20			090	47	40	00	00		984	SC SE	[illegible]
SA	0352	60 SCT	20			088	45	38	15	03		984	602 1500 45	JS
													RADAT 80082	
SA	0450	60 SCT	20			093	44	38	00	00		984		JS
SA	0552	45 SCT	20			100	47	40	00	00		986		JS
SA	0652	50 SCT	20			095	54	40	03	08		986	108 1500	JS
SA	0753	150 SCT	20			096	56	41	00	00		986	CU AlQDS	JS
SA	0854	50 SCT 150 SCT	20			094	58	39	10	05		986	TCU W N-E-S	JS
SA	0951	45 SCT	20			088	62	39	00	00		985	TCU AlQds RWU DSNT	JS
													NW SW clds TPG MTNS/	SW
													805 1200 44	
SA	1050	45 SCT	20			085	66	36	32	08		984	TCU AlQds RWU NW	JS
													DSNT SE	
SA	1150	50 SCT	20			085	62	39	30	13		984	VIRGA NW RWU DSNT	JS
													SE	
SA	1253	60 SCT	20			082	65	37	30	09		983	DRK NW VIRGA SE/ 705	JS
													1100	
SA	1352	60 SCT 150 SCT 250 SCT	20			075	68	35	01	05		982	VIRGA NW N-E-SE	JS
SA	1450	60 SCT 150 SCT 250 SCT	20			066	69	34	32	10		979	CB DSNT NW VIRGA	JS
													NE- SE	
SA	1556	~~E~~ M60 BKN 150 BKN 250 BKN	20			065	66	36	14	10		977	CB DSNT NE TCU ALQDS	EP
													617 1931 70 RADAT 72095	
SA	1655	~~M~~ 65 SCT	20			062	65	36	15	08		976	CB DSNT NW NE	EP
SA	1750	65 SCT	20			061	65	36	12	05		976	CB DSNT NW	EP
SA	1859	M 70 BKN	20			061	65	36	13	08		977	~~000~~ 500 1200	EP
SA	1950	M 70 BKN	20			065	64	37	06	11		979		EP
SA	2057	70 SCT	20			069	62	36	02	09		980		EP
SA	2150	70 SCT	20			068	60	37	05	09		980	107 1400 70	EP
SA	2251	70 SCT 120 SCT	20			065	60	37	12	03		980		EP
SA	2351	M 65 BKN 120 BKN	20			064	59	38	00	00		979		EP

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$ hVV Nddff $1s_n$TTT $2s_n$T[illegible] $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

[illegible], DESERT [illegible]

DATE MAY 14-1989

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	26.450			68	0	0	SC	45												0	0	.000			00-01
01 57	26.445			68	0															0					01-02
02 51	26.445			77	0															0					02-03
03 52	26.445			77	1	1	Sc	60												1	6	.005			03-04
04 50	26.450			81	2															2					04-05
05 52	26.470			76	2															2					05-06
06 52	26.470			59	1	1	Sc	50												1	1	.025			06-07
07 53	26.470			56	1															1					07-08
08 54	26.465			48	2															2					08-09
09 51	26.455			43	2	2	Tcu	45												2	8	.015			09-10
10 50	26.450			34	3															3					10-11
11 50	26.445			43	4															4					11-12
12 53	26.440			35	5	5	Cu	60												5	7	.015			12-13
13 52	26.425			29	4															4					13-14
14 50	26.400			27	3															3					14-15
15 56	26.390			33	7	7	CB	M60	0	Ac	150	7	0	Ci	250	7				7	6	.050			15-16
16 55	26.380			34	4															4					16-17
17 50	26.380			34	2															2					17-18
18 59	26.390			34	8	8	Cu	M70												8	5	.000			18-19
19 50	26.400			37	8															8					19-20
20 57	26.410			38	3															3					20-21
21 50	26.410			42	2	2	Sc	70												2	1	.020			21-22
22 51	26.410			42	2															2					22-23
23 51	26.400			46	7															7					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	52	45	X	X						X		
	0349	1	0	0	0	52	45		0								
	0948	2	0	0	0	62	44		0								
	1551	3	0	0	0	70	60		0								
	2145	4	0	0	0	66	60		0								
	MID.	X	0	0	0	61	58	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0951	1552	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.445	26.455	26.390	26.410
BAROGRAPH 64	26.435	26.455	26.380	26.400
BAR. CORR. 65	+.010	±0	+.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	0400 SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
70	44	0	0	0	16	SE	0330					3	3		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	BEGAN 86	ENDED 87

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0438 SUNSET 1843

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

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

TIME CHECK — CLOCK CORRECT TO NEAREST MINUTE AT: 1035 / 2033 /

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAY 15, 1989

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0056	65 SCT 120 SCT E250 OVC	20			060	58	38	03	07		977	807 1437	EP
SA	0151	65 SCT 120 SCT E250 OVC	20			054	58	38	04	10		976		EP
SA	0250	65 SCT 120 SCT E250 BKN	20			056	58	39	02	08		977		EP
SA	0351	E65 BKN 250 OVC	20			058	58	39	08	07		977	S00 1508 57	JS
													RADAT 83091	
SA	0450	E75 BKN 250 OVC	20			068	57	40	03	09		980	RWU NW VIRGA NE-E	JS
SA	0552	E60 BKN 250 OVC	20			076	57	43	09	07		982	RWU NW	JS
SA	0650	M55 BKN 250 OVC	20		RW-	084	56	44	11	08		984	RB15 VIRGA ~~QA~~ AIQDS	JS
													22000 1508	
SA	0750	M50 BKN 250 OVC	20		RW-	085	56	46	09	09		985	VIRGA AIQds	JS
SA	0852	M50 BKN 250 OVC	20		RW-	090	56	47	24	08		986	RWU SE-S-W-NW	JS
SA	0955	50 SCT E250 OVC	20			094	58	45	23	09		986	RE20 / 20700 1508 55	JS
SA	1050	50 SCT E250 OVC	20			086	61	43	23	09		985		JS
SA	1152	50 SCT E250 OVC	20			084	63	42	23	10		984	VIRGA SE	JS
SA	1252	50 SCT E250 OVC	20			074	67	41	23	13		983	DRK NW-N VIRGAS / 712	JS
													1108	
SA	1355	50 SCT E250 OVC	20			076	65	42	31	12		983	CB RWU NW	JS
SA	1450	50 SCT 250 - BKN	20			070	68	41	29	12		982	DRK N-NE	JS
SA	1555	60 SCT E230 OVC	20			065	67	40	32	07		980	CB RWU LTG OSNT SE/808	EP
													1903 68 RADAT 67100	
SA	1651	E60 BKN 230 BKN	20			075	66	39	05	06		982	CB SE SW RWU SE	EP
SA	1752	50 SCT E230 BKN	20			076	63	40	12	09		982	CB SW-W	EP
SA	1852	50 SCT E230 ~~BKN~~ OVC	20			085	61	43	22	11		984	CB RWU SW/314 1907	EP
SA	1951	50 SCT 70 SCT E230 OVC	20			094	60	42	00	00		986		EP
SA	2051	70 SCT 230 SCT	20			095	57	41	11	06		986		EP
SA	2158	E80 BKN 230 BKN	20			099	56	41	05	07		987	210 1401 68	EP
SA	2253	M55 BKN 100 OVC	20			103	59	44	02	13		990		EP
SA	2353	60 SCT E100 BKN 250 OVC	20			086	58	42	09	06		985		EP

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII. Iliii $i_R i_X hVV$ Ndff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp $6RRR t_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE MAY 15, 1989

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 56	26.390			47	10	1	Sc	65	2	Ac	120	3	7	CS	E250	10				6	8	.020			00-01
01 51	26.380			47	10															7					01-02
02 50	26.390			49	6															4					02-03
03 51	26.390			49	10	6	Sc	65	4	CS	250	10								10	5	.000			03-04
04 50	26.410			54	10															8					04-05
05 52	26.430			59	10															10					05-06
06 50	26.450			65	10	6	Sc	MSS	4	CS	250	10								9	2	.060			06-07
07 50	26.455			69	10															8					07-08
08 52	26.465			72	10															10					08-09
09 55	26.470			62	10	2	Sc	50	8	CS	E250	10								10	2	.020			09-10
10 50	26.460			52	10															8					10-11
11 52	26.450			47	10															8					11-12
12 52	26.435			39	10	3	Cu	50	7	CS	E250	10								6	7	.035			12-13
13 55	26.435			43	10															8					13-14
14 50	26.425			37	8															4					14-15
15 55	26.410			37	10	2	CB	60	8	Ci	E230	10								7	8	.025			15-16
16 51	26.430			37	9															7					16-17
17 52	26.430			43	8															6					17-18
18 52	26.450			52	10	2	CB	50	10	CS	E230	10								6	3	.040			18-19
19 51	26.470			51	10															7					19-20
20 51	26.470			55	5															3					20-21
21 58	26.480			57	8	6	Sc	E80	2	Ci	230	8								7	2	.030			21-22
22 53	26.500			57	10															10					22-23
23 53	26.460			55	10															8					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	60	57	X	X						X		
	0349	1	0	0	0	61	57		0								
	0850	2	T	0	0	58	55		0								
	1550	3	0	0	0	68	58		0								
	2151	4	0	0	0	67	56		0								
	MID.	X	0	0	0	60	56	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0357	0855	1551	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.390	26.470	26.410	26.480
BAROGRAPH 64	26.380	26.455	26.400	26.460
BAR. CORR. 65	+.010	+.015	+.010	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
68	55	T	0	0	23	NE	1707					10	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0615	0920			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0437 SUNSET 1844

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

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

TIME CHECK — CLOCK CORRECT TO NEAREST MINUTE AT: 10736 12132 1

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAY 16, 1989

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0053	60 SCT 90 SCT E250 BKN	20			084	58	42	02	05		985	807 1508	EP
SA	0153	CLR	20			087	55	43	03	09		985	FEW SC	EP
SA	0251	CLR	20			086	54	42	14	05		985	FEW SC	EP
SA	0352	CLR	20			087	54	42	02	07		985	400 1500 SI RADAT	JS
													72098	
SA	0450	CLR	20			090	51	41	32	03		986	SC W SE	JS
SA	0553	CLR	20			100	58	42	34	03		988	SC W SE	JS
SA	0651	CLR	20			101	62	41	05	09		990	CU OVR MTNS SE/	JS
													214 1100	
SA	0752	CLR	20			100	64	40	04	10		990	CU OVR MTNS SE	JS
SA	0858	CLR	20			100	68	38	03	17		990	CU AIQDS	JS
SA	0953	60 SCT	20			100	69	38	05	08		990	400 1100 50	JS
SA	1058	60 SCT	20			087	73	34	03	10		987		JS
SA	1150	70 SCT	20			077	76	35	05	05		985		JS
SA	1250	80 SCT	20			075	76	29	34	08		984	VIRGA NW/ 617 1100	JS
SA	1352	80 SCT 250 - BKN	20			070	77	32	33	14 G27		982		JS
SA	1450	80 SCT 250 - BKN	20			068	78	31	35	12		982		JS
SA	1555	90 SCT E250 BKN	20			067	77	30	31	04		981	610 1101 78 RADAT 57113	JS
SA	1651	90 SCT E250 BKN	20			064	77	28	32	07		980		JS
SA	1753	90 SCT E250 BKN	20			061	77	26	34	07		980		JS
SA	1854	90 SCT E250 BKN	20			064	74	27	31	07		981	500 1401	JS
SA	1955	90 SCT E250 BKN	20			073	70	28	35	08		983		JS
SA	2050	90 SCT 250 SCT	20			080	66	28	10	04		985		JS
SA	2156	CLR	20			083	68	29	17	06		986	FEW SC CI / 117 1401	JS
—	—												78	—
SA	2255	CLR	20			086	63	29	03	07		987	FEW CI	JS
SA	2355	CLR	20			085	62	30	06	06		987		JS

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIIII iRi iiiVV Nddff 1snTTT 2snTdTdTd 3PoPoPoPo 4PPPP 5appp 6RRRtR 7wwW1W2 8NhCLCMCH plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE MAY 16, 1989

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.460			55	7	1	Sc	60	1	Sc	90	2	7	CS	E250	7				4	8	.020			00-01
01 53	26.460			64	0															0					01-02
02 51	26.460			64	0															0					02-03
03 52	26.460			62	0	0	Sc	60												0	4	.000			03-04
04 50	26.465			69	0															0					04-05
05 53	26.495			54	0															0					05-06
06 51	26.500			47	0	0	Cu	60												0	2	.040			06-07
07 52	26.500			41	0															0					07-08
08 58	26.500			34	0															0					08-09
09 53	26.500			32	1	1	Cu	60												1	4	.000			09-10
10 58	26.475			24	1															1					10-11
11 50	26.455			23	2															2					11-12
12 50	26.450			18	3	3	Cu	80												3	6	.050			12-13
13 52	26.430			20	6															3					13-14
14 50	26.425			18	8															3					14-15
15 55	26.420			18	9	5	Cu	90	4	Ci	E250	9								6	6	.030			15-16
16 51	26.410			16	9															7					16-17
17 53	26.410			15	9															7					17-18
18 54	26.420			17	7	3	Sc	90	4	Ci	E250	7								5	5	.000			18-19
19 55	26.440			21	6															5					19-20
20 50	26.460			24	5															5					20-21
21 56	26.470			23	0	0	Sc	90	0	Ci	250	0								0	1	.050			21-22
22 55	26.480			28	0															0					22-23
23 55	26.480			30	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 03.49	X	0	0	X	58	51	X	X						X		
	0349	1	0	0	0	60	51		0								
	0949	2	0	0	0	70	50		0								
	1551	3	0	0	0	78	69		0								
	2152	4	0	0	0	78	66		0								
	MID.	X	0	0	0	68	60	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0953	1555	2156
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.460	26.500	26.420	26.470
BAROGRAPH 64	26.450	26.490	26.410	26.465
BAR. CORR. 65	+.010	+.010	+.010	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML. TO (Ins.) 69	0400 SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
78	50	0	0	0	27	NW	*1343					3	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0436 SUNSET 1844

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1093(11545(

* LAST OF SEVERAL OCCURRANCES

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAY 17-1989

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0052	CLR	20			091	63	31	06	09		990	208	[illegible]
SA	0156	CLR	20			094	60	31	00	00		990		[illegible]
SA	0256	CLR	20			093	63	31	04	09		990		[illegible]
SA	0350	CLR	20			096	57	30	06	06		991	203 57 RADAT 44113	JS
SA	0450	CLR	20			106	57	30	10	04		993		JS
SA	0550	CLR	20			110	61	31	00	00		995		JS
SA	0653	CLR	20			109	70	30	04	14		995	115	JS
SA	0750	CLR	20			115	73	30	02	11		997		JS
SA	0852	CLR	20			115	77	28	36	06		997		JS
SA	0951	CLR	20			115	78	29	12	06		997	107 55	JS
SA	1051	CLR	20			113	80	27	33	09		996		JS
SA	1153	CLR	20			105	81	25	36	11		994		JS
SA	1250	CLR	20			100	83	25	03	08		993	714	JS
SA	1353	CLR	20			093	85	24	22	05		991		JS
SA	1450	CLR	20			084	86	25	17	05		988		JS
SA	1550	CLR	20			083	86	25	22	12		987	617 87	CH
SA	1650	CLR	20			080	85	22	22	12		986	RADAT 22133	CH
SA	1750	CLR	20			075	83	24	23	10		985		CH
SA	1850	CLR	20			076	80	24	20	10		986	503	CH
SA	1950	CLR	20			080	76	24	18	07		987		CH
SA	2050	CLR	20			079	75	24	21	05		987		CH
SA	2150	CLR	20			077	77	33	21	15		987	103 87	CH
SA	2250	CLR	20			077	75	38	21	14		987		CH
SA	2350	CLR	20			078	73	37	19	08		987		CH

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII IIIII iniKVV Nddff 1s, TTT 2s, $T_dT_dT_d$ 3$P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_r 7wwW$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$ plus regional and national data groups.

(4-66)

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE MAY 17-1989

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.495			30	0															0	2	.025			00-01
01 56	26.500			33	0															0					01-02
02 56	26.500			30	0															0					02-03
03 50	26.505			35	0															0	2	.010			03-04
04 50	26.530			36	0															0					04-05
05 50	26.545			32	0															0					05-06
06 53	26.550			23	0															0	1	.045			06-07
07 50	26.565			20	0															0					07-08
08 52	26.565			17	0															0					08-09
09 51	26.570			17	0															0	1	.020			09-10
10 51	26.560			14	0															0					10-11
11 53	26.540			12	0															0					11-12
12 50	26.530			12	0															0	7	.040			12-13
13 53	26.510			11	0															0					13-14
14 50	26.490			11	0															0					14-15
15 50	26.480			11	0															0	6	.050			15-16
16 50	26.470			10	0															0					16-17
17 50	26.460			11	0															0					17-18
18 50	26.470			13	0															0	5	.010			18-19
19 50	26.480			14	0															0					19-20
20 50	26.480			15	0															0					20-21
21 50	26.480			20	0															0	1	.010			21-22
22 50	26.480			26	0															0					22-23
23 50	26.480			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	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	65	57	X	X						X		
	0348	1	0	0	0	68	57		0								
	0948	2	0	0	0	78	65		0								
	1548	3	0	0	0	87	78		0								
	2148	4	0	0	0	86	74		0								
	MID.	X	0	0	0	77	73	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0951	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.505	26.570	26.480	26.480
BAROGRAPH 64	26.500	26.560	26.470	26.470
BAR. CORR. 65	+.005	+.010	+.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	0400 SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
87	55	0	0	0	24	SW	2308					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0435 SUNSET 1845

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

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

TIME CHECK -- CLOCK CORRECT TO NEAREST MINUTE AT: 10731 11630 1

Barograph Changed @ 1052

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAY 18 1989

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	250 SCT	20			073	73	37	17	14		986	803 1001	CH
SA	0150	250 SCT	20			067	74	28	19	14		985		CH
SA	0250	250 SCT	20			064	73	28	16	12		984		CH
SA	0355	CLR	20			064	72	27	21	10		984	FEW AC/ 607 1070	JP
											71		RADAT 20140	
SA	0456	250-SCT	20			078	69	30	24	13		987	FEW AC	JP
SA	0553	250-SCT	20			084	67	36	24	20	G29	988	FEW AC SE	JP
SA	0651	250-SCT	20			087	69	34	24	19	G26	990	117 1001	JP
SA	0757	CLR	20			096	72	31	22	22		992	FEW CI SE	JP
SA	0856	CLR	20			095	75	32	23	19		992		JP
SA	0956	CLR	20			088	78	32	22	20	G27	991	003 67	JP
SA	1055	CLR	20			084	80	32	23	21	G30	990		JP
SA	1153	CLR	20			081	81	30	22	18	G28	988		JP
SA	1254	CLR	20			076	82	31	23	18	G27	987	710	JP
SA	1354	CLR	20			064	83	29	23	19	G29	984		JP
SA	1450	CLR	20			065	83	25	21	19		984		JP
SA	1550	CLR	20			061	84	26	20	18	G27	983	714 84 RADAT 20143	CH
SA	1650	CLR	20			055	83	26	21	17	G24	981		CH
SA	1750	CLR	20			053	83	24	20	16		980		CH
SA	1850	CLR	20			054	80	23	21	15	G22	980	610	CH
SA	1950	CLR	20			058	77	21	20	12		981		CH
SA	2050	CLR	20			065	75	21	27	08		983		CH
SA	2150	CLR	20			070	75	21	30	05		985	217 85	CH
SA	2250	CLR	20			085	69	20	01	08		988		CH
SA	2350	CLR	20			095	68	20	33	10		992		CH

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIIII iRIXVV Nddff 1s$_n$TTT 2s$_n$T$_d$T$_d$T$_d$ 3P$_o$P$_o$P$_o$P$_o$ 4PPPP 5appp 6RRRt$_R$ 7wwW$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$ plus regional and national data groups.

MF1-10B
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAY 18 1989

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

SURFACE WEATHER OBSERVATIONS

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.470			27	2	2	Ci	250												2	8	.010			00-01
01 50	26.460			18	2															2					01-02
02 50	26.450			19	3															3					02-03
03 55	26.450			19	0	0	Ac	140												0	6	030			03-04
04 56	26.480			23	3															0					04-05
05 53	26.490			32	3															0					05-06
06 57	26.500			27	2	2	Ci	250												0	1	050			06-07
07 57	26.520			22	0															0					07-08
08 56	26.520			21	0															0					08-09
09 56	26.510			19	0															0	0	010			09-10
10 55	26.500			18	0															0					10-11
11 53	26.490			16	0															0					11-12
12 54	26.480			16	0															0	7	030			12-13
13 54	26.450			14	0															0					13-14
14 50	26.450			12	0															0					14-15
15 50	26.440			12	0															0	7	.040			15-16
16 50	26.420			12	0															0					16-17
17 50	26.410			11	0															0					17-18
18 50	26.410			12	0															0	6	.030			18-19
19 50	26.420			12	0															0					19-20
20 50	26.440			13	0															0					20-21
21 50	26.460			13	0															0	2	.050			21-22
22 50	26.490			15	0															0					22-23
23 50	26.520			16	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0353	X	0	0	X	75	71	X	X						X		
	0353	1	0	0	0	77	71		0								
	0954	2	0	0	0	78	67		0								
	1548	3	0	0	0	84	78		0								
	2148	4	0	0	0	85	75		0								
	MID.	X	0	0	0	75	67	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0355	0956	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.450	26.510	26.440	26.460
BAROGRAPH 64	26.440	26.490	26.420	26.440
BAR. CORR. 65	+010	+020	+.020	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	0400 SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
85	67	0	0	0	31	SW	1037					1	1		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0435 SUNSET 1846

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

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

TIME CHECK — CLOCK CORRECT TO NEAREST MINUTE AT: 1063P / 1900P /

MF1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAY 19 1989

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVERS INITIALS (15)
SA	0050	CLR	20			102	62	19	01	04		993	124	CH
SA	0150	CLR	20			110	60	18	00	00		995		CH
SA	0250	CLR	20			116	63	17	04	14		997		CH
SA	0354	CLR	20			116	60	16	04	13		997	114 59 RADAT 24134	JP
SA	0450	CLR	20			125	61	14	05	15		000		JP
SA	0555	CLR	20			136	61	15	04	22		003		JP
SA	0654	CLR	20			144	64	16	05	20		005	224	JP
SA	0755	CLR	20			151	67	17	05	17		007		JP
SA	0856	CLR	20			151	71	18	03	14		007		JP
SA	0953	CLR	20			149	73	18	03	14		007	107 59	JP
SA	1055	CLR	20			150	76	20	01	16		007		JP
SA	1157	CLR	20			143	78	20	35	07		005		JP
SA	1256	CLR	20			141	80	29	02	09		004	810	JP
SA	1358	CLR	20			136	82	31	29	06		003		JP
SA	1450	CLR	20			126	83	31	29	06		001		JP
SA	1550	CLR	20			126	82	30	30	06		000	714 84 RADAT 20139	CH
SA	1650	CLR	20			121	83	30	27	05		999		CH
SA	1750	CLR	20			122	81	27	25	09		999		CH
SA	1850	CLR	20			126	78	25	22	07		000	500	CH
SA	1950	CLR	20			131	73	20	00	00		001		CH
SA	2050	CLR	20			140	66	17	00	00		003		CH
SA	2150	CLR	20			139	65	17	00	00		003	110 84	CH
SA	2250	CLR	20			139	64	17	00	00		003		CH
SA	2350	CLR	20			138	63	18	07	07		003		CH

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII Iiiii (ddHVV Nddff) 2sTTTsTTT 3PPPP 4PPPP 5appp 6RRRtr 7wwW1W2 8N Ch CmCn plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE MAY 19 1989

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	26.530			19	0															0	1	.070			00-01
01 50	26.550			19	0															0					01-02
02 50	26.570			17	0															0					02-03
03 54	26.570			18	0															0	1	.040			03-04
04 50	26.590			16	0															0					04-05
05 55	26.620			16	0															0					05-06
06 54	26.640			15	0															0	2	.070			06-07
07 55	26.660			14	0															0					07-08
08 56	26.660			13	0															0					08-09
09 53	26.660			12	0															0	1	.020			09-10
10 55	26.660			12	0															0					10-11
11 57	26.640			11	0															0					11-12
12 56	26.630			16	0															0	8	.030			12-13
13 58	26.620			16	0															0					13-14
14 50	26.600			15	0															0					14-15
15 50	26.590			15	0															0	7	.040			15-16
16 50	26.580			15	0															0					16-17
17 50	26.580			14	0															0					17-18
18 50	26.590			14	0															0	5	.000			18-19
19 50	26.600			13	0															0					19-20
20 50	26.620			15	0															0					20-21
21 50	26.620			15	0															0	1	.030			21-22
22 50	26.620			16	0															0					22-23
23 50	26.620			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	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0352	X	0	0	X	68	59	X	X						X		
	0352	1	0	0	0	75	59		0								
	0951	2	0	0	0	73	60		0								
	1548	3	0	0	0	84	73		0								
	2148	4	0	0	0	83	65		0								
	MID.	X	0	0	0	66	61	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0953	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.570	26.660	26.590	26.620
BAROGRAPH 64	26.560	26.645	26.575	26.605
BAR. CORR. 65	+010	+015	+.015	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	0400 SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
84	59	0	0	0	30	NE	0938					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0434 SUNSET 1847

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

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

TIME CHECK — CLOCK CORRECT TO NEAREST MINUTE AT: 1061 8P / 1610P /

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: MAY 20 1989

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			135	58	17	00	00		002	803	CH
SA	0150	CLR	20			131	58	17	34	06		001		CH
SA	0250	CLR	20			131	58	17	06	05		001		CH
SA	0354	CLR	20			131	57	18	36	04		001	603 56 RADAT 20147	JP
SA	0456	250-BKN	20			134	56	19	04	06		002		JP
SA	0557	250-BKN	20			137	61	20	00	00		003		JP
SA	0658	250-BKN	20			134	70	22	14	05		003	107 1001	JP
SA	0757	250-SCT	20			135	73	22	33	03		003		JP
SA	0851	250-SCT	20			131	80	24	15	09		002		JP
SA	0958	250-SCT	20			129	85	26	20	18		002	603 1001 55	JP
SA	1053	250-SCT	20			125	86	32	22	19		001		JP
SA	1150	250-SCT	20			116	88	33	21	20	G30	999		JP
SA	1255	250-SCT	20			111	89	35	22	20	G30	996	817 1001	JP
SA	1353	250-BKN	20			112	88	34	21	18		996	FEW AC	JP
SA	1450	E250 OVC	20			104	88	34	22	20	G28	994	FEW AC	JP
SA	1550	E250 OVC	20			094	88	34	22	17	G24	991	817 1007 90 RADAT 20142	CH
SA	1650	E250 OVC	20			090	87	32	19	17	G25	990		CH
SA	1750	E250 OVC	20			081	86	31	21	17	G26	987		CH
SA	1850	E250 OVC	20			079	82	28	22	15		987	610 1007	CH
SA	1950	E250 OVC	20			080	82	28	22	20	G27	988		CH
SA	2050	E250 OVC	20			079	80	27	20	23	G34	988		CH
SA	2150	E250 OVC	20			069	79	26	20	25	G34	986	PK WND 2038/37	CH
/													803 1007 90	/
SA	2250	E250 OVC	20			071	79	25	20	22	G30	987	PK WND 2042/11	CH
SA	2350	E250 OVC	20			068	78	22	20	25	G34	986	PK WND 2038/15	CH
SA														

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii iRixhVV Nddff 1snTTT 2snTdTdTd 3PoPoPoPo 4PPPP 5appp 6RRRtR 7wwW1W2 8NhCLCMCH plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

NORM, DESERT ROCK NEVADA

DATE MAY 20 1989

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	26.610			20	0															0	8	.010			00-01
01 50	26.600			20	0															0					01-02
02 50	26.600			20	0															0					02-03
03 54	26.600			22	0															0	6	010			03-04
04 56	26.610			23	6															0					04-05
05 57	26.620			20	9															2					05-06
06 58	26.620			16	9	9	CI	250												2	1	020			06-07
07 57	26.620			15	5															1					07-08
08 57	26.610			13	3															1					08-09
09 58	26.610			12	3	3	CI	250												1	6	010			09-10
10 53	26.600			14	3															1					10-11
11 50	26.580			14	3															0					11-12
12 55	26.560			15	5	5	CI	250												1	8	050			12-13
13 53	26.560			15	9															2					13-14
14 50	26.540			15	10															8					14-15
15 50	26.510			15	10	10	CS	E250												8	8	.050			15-16
16 50	26.500			14	10															10					16-17
17 50	26.480			14	10															10					17-18
18 50	26.480			14	10	10	CS	E250												10	6	.030			18-19
19 50	26.490			14	10															10					19-20
20 50	26.490			14	10															10					20-21
21 50	26.470			14	10	10	CS	E250												10	8	.010			21-22
22 50	26.480			14	10															10					22-23
23 50	26.470			12	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0352	X	0	0	X	63	56	X	X						X		
	0352	1	0	0	0	66	56		0								
	0956	2	0	0	0	85	55		0								
	1548	3	0	0	0	90	85		0								
	2148	4	0	0	0	88	79		0								
	MID.	X	0	0	0	80	78	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0958	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.600	26.610	26.510	26.470
BAROGRAPH 64	26.590	26.600	26.500	26.460
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	0400 SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
90	55	0	0	0	42	S	2211					7	6		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0433 SUNSET 1848

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1071?P / 1759P /

MF1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAY 21 1989

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0050	E250 OVC	20			068	77	24	20	25	G34	986	000 1007	CH
SA	0150	E250 OVC	20			073	75	22	21	23	G30	987		CH
SA	0250	E250 OVC	20			077	73	20	23	17	G24	988		CH
SA	0350	250-SCT	20			090	70	18	25	14		992	317 1008 70 RADAT 20133	AD
SA	0450	250-SCT	20			100	67	15	26	10		994		AD
SA	0550	250-SCT	20			106	70	17	31	09		996		AD
SA	0650	CLR	20			115	73	23	26	08		999	220	AD
SA	0750	CLR	20			114	75	24	26	10		999		AD
SA	0850	CLR	20			117	78	28	35	04		000		AD
SA	0950	CLR	20			117	81	30	22	11		000	103 67	AD
SA	1050	CLR	20			117	81	30	21	09		000		AD
SA	1150	CLR	20			104	84	32	24	13		996		AD
SA	1250	CLR	20			100	85	34	22	12		995	~~B25~~ 14	AD
SA	1350	CLR	20			092	86	35	28	12		993		AD
SA	1450	CLR	20			090	87	36	24	13		992		AD
SA	1553	CLR	20			087	87	35	31	09		991	614 1001 88 RADAT 20145	EP
SA	1651	250-BKN	20			085	86	32	24	13		990		EP
SA	1752	250-BKN	20			085	84	31	22	15		990		EP
SA	1852	250-BKN	20			089	81	28	19	11		991	500 1001	EP
SA	1955	250-OVC	20			088	80	27	19	09		991		EP
SA	2050	E250 OVC	20			091	80	27	21	08		992		EP
SA	2153	E250 BKN	20			089	80	27	23	13		992	103 1008 88	EP
SA	2252	E250 BKN	20			087	75	24	23	10		991		EP
SA	2352	E250 BKN	20			088	70	19	04	08		991		EP

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iiiii IRiRbVV Nddff 1sn TTT 2sn TdTdTd 3P0P0P0P0 4PPPP 5appp 6RRRtR 7wwW1W2 8NhCL CMCH plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE MAY 21 1989

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	26.470			14	10	10	CS	E250												10	0	.000			00-01
01 50	26.480			14	10															8					01-02
02 50	26.490			13	10															6					02-03
03 50	26.520			14	4	4	CS	250												1	3	.050			03-04
04 50	26.540			13	2															1					04-05
05 50	26.560			13	2															1					05-06
06 50	26.580			15	0															0	2	.060			06-07
07 50	26.580			15	0															0					07-08
08 50	26.590			15	0															0					08-09
09 50	26.590			16	0															0	1	.010			09-10
10 50	26.590			16	0															0					10-11
11 50	26.560			15	0															0					11-12
12 50	26.550			16	0															0	8	.040			12-13
13 50	26.530			16	0															0					13-14
14 50	26.520			16	0															0					14-15
15 53	26.510			16	0	0	CI	250												0	6	.040			15-16
16 51	26.500			14	7															1					16-17
17 52	26.500			15	8															1					17-18
18 52	26.510			14	8	8	CI	250												1	5	.000			18-19
19 55	26.510			14	10															2					19-20
20 50	26.520			14	10															7					20-21
21 53	26.520			14	9	9	CS	E250												7	1	.010			21-22
22 52	26.510			15	7															4					22-23
23 52	26.510			14	7															4					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350		0	0		78	70										
	0850	1	0	0	0	80	70		0								
	0950	2	0	0	0	81	67		0								
	1550	3	0	0	0	88	79		0								
	2151	4	0	0	0	88	79		0								
	MID.		0	0	0	80	70										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1551	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.520	26.580	26.510	26.520
BAROGRAPH 64	26.500	26.580	26.520	26.525
BAR. CORR. 65	+.020	+.010*	-.010	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML. TO (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
88	67	0	0	0	35	5	0055					1	4		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0433 SUNSET 1848

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 0500/ 2059 / /

*CHANGED MICROBAROGRAPH 0958

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAY 22, 1989

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0054	250 - OVC	20			087	65	12	05	06		990	707 1007	EP
SA	0152	250 - OVC	20			087	64	10	05	10		990		EP
SA	0252	250 - OVC	20			087	63	11	34	06		990		EP
SA	0350	250 - BKN	20			087	63	13	29	05		990	400 1008 61 RADAT 20141	AD
SA	0450	250 - BKN	20			090	59	12	36	07		990		AD
SA	0550	250 - BKN	20			093	67	20	32	05		992		AD
SA	0650	250 - SCT	20			096	72	23	28	08		993	310 1001	AD
SA	0750	250 - SCT	20			095	75	22	23	17		993		AD
SA	0850	250 - BKN	20			094	79	22	23	20		993		AD
SA	0950	250 - BKN	20			089	82	26	24	18		992	803 1001 59	AD
SA	1050	250 - BKN	20			090	85	31	22	16		992		AD
SA	1150	250 - BKN	20.			085	86	32	23	19G29		990		AD
SA	1250	250 - OVC	20			081	88	34	22	20G27		988	810 1001	AD
SA	1350	250 - OVC	20			081	88	34	23	17G26		988		AD
SA	1450	250 - OVC	20			074	89	34	22	22G31		986		AD
SA	1556	250 - BKN	20			067	88	34	21	22G31		984	ACSL SE*/814 1041 90	EP
													RADAT 28153 *PK WND 2136/38	
SA	1651	250 - BKN	20			063 ~~067~~	88	34	20	27G34		983	ACSL SE SW PK WND	EP
													2037/40	
SA	1756	250 - BKN	20			065 ~~071~~	85	30	22	20G28		984	ACSL SE-S-W PKWND	EP
													2240/18	
SA	1854	250 - BKN	20			065 ~~069~~	82	29	21	25G32		984	ACSL SE-S/500 1048	EP
SA	1956	E250 BKN	20			075	80	27	22	27G38		986	PK WND 2238/53	EP
SA	2054	250 - BKN	20			081	79	25	21	27G38		988	PK WND 2239/03	EP
SA	2155	250 - BKN	20			084	78	24	21	22G31		990	117 1078 90	EP
SA	2251	E 250 BKN	20			087	76	23	21	20G26		991		EP
SA	2353	E 250 OVC	20			081	76	23	21	21G31		990		EP

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii iRixhVV Nddff 1s TTT 2s$_n$TdTdTd 3P$_o$P$_o$P$_o$P$_o$ 4PPPP 5cccp 6RRRt$_r$ 7wwW$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE MAY 22, 1989

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 54	26.500			13	10	10	Cs	250												4	7	.020			00-01
01 52	26.500			12	10															2					01-02
02 52	26.500			13	10															2					02-03
03 50	26.500			14	8	8	Cs	250												3	4	.000			03-04
04 50	26.500			15	8															3					04-05
05 50	26.520			16	6															2					05-06
06 50	26.530			16	3	3	Ci	250												1	3	.030			06-07
07 50	26.530			14	3															1					07-08
08 50	26.530			12	8															2					08-09
09 50	26.520			13	8	8	Ci	250												2	8	.010			09-10
10 50	26.520			14	7															2					10-11
11 50	26.500			14	8															2					11-12
12 50	26.490			15	10	10	Ci	250												3	8	.030			12-13
13 50	26.490			15	10															4					13-14
14 50	26.470			14	10															4					14-15
15 56	26.450			15	9	0	ACSL	150	9	Ci	250	9								3	8	.040			15-16
16 51	26.440			15	9															3					16-17
17 56	26.450			14	8															4					17-18
18 54	26.450			15	9	0	ACSL	150	9	Cs	250	9								4	5	.000			18-19
19 56	26.470			14	9															5					19-20
20 54	26.490			14	9															4					20-21
21 55	26.500			14	9	0	Ac	150	9	Cs	250	9								4	1	.050			21-22
22 51	26.510			14	9															5					22-23
23 53	26.500			14	10															6					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350		0	0		70	61										
	0350	1	0	0	0	80	61		0								
	0950	2	0	0	0	82	59		0								
	1552	3	0	0	0	90	82		0								
	2152	4	0	0	0	89	78		0								
	MID.		0	0	0	78	76										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1552	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.500	26.520	26.450	26.500
BAROGRAPH 64	26.500	26.520	26.460	26.500
BAR. CORR. 65	0	0	-.010	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
90	59	0	0	0	40	SW	1718					8	8		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0432 SUNSET 1849

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 0500 / 2135 / /

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAY 23, 1989

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0054	E250 OVC	20			081	75	22	21	20	G30	990	000 1009	EP ✓
SA	0153	E250 OVC	20			080	75	22	22	22	G30	990		EP
SA	0251	E250 OVC	20			085	73	21	21	20	G28	991		EP
SA	0350	E250 OVC	20			081	73	20	20	20	G30	990	000 1009 73 RADAT 20144	AD ✓
SA	0450	180 SCT E250 BKN	20			081	73	20	21	26	G34	990		AD ✓
SA	0550	180 SCT E250 BKN	20			091	73	20	22	21	G30	992		AD
SA	0650	250 - BKN	20			098	75	22	22	23	G29	994	314 1001	AD
SA	0750	250 - BKN	20			098	77	23	21	26	G33	994	PK WND 2136/08	AD
SA	0850	250 - BKN	20			092	77	24	21	26	G34	992	PK WND 2136/11	AD
SA	0950	250 - BKN	20			091	80	27	20	27	G35	992	PK WND 2038/07 / 607 1001	AD
/	/												72	/
SA	1050	E250 BKN	20			091	79	25	21	28	G36	992	PK WND 2143/1751	AD
SA	1150	250 - BKN	20			088	81	27	21	28	G37	991	PK WND 2140/1855	AD
SA	1250	250 - BKN	20			081	80	26	20	26	G36	988	PK WND 2041/03 / 810 1001	AD
SA	1350	180 SCT 250 - BKN	20			073	81	26	18	19	G34	986	ACSL E / PK WND 1939/12	AD
SA	1450	180 SCT 250 - BKN	20			069	83	29	20	25	G34	985	ACSL E	AD
SA	1558	E250 BKN	20			066	81	28	21	24	G37	984	ACSL E PK WND 2138/05/614	EP
/												/	1041 83 RADAT 21130	/
SA	1652	E250 BKN	20			062	80	27	20	18	G29	983	ACSL E	EP
SA	1754	E250 BKN	20			068	77	23	22	14	G22	984	ACSL E	EP
SA	1853	E250 BKN	20			068	75	21	22	19	G29	984	500 1001	EP
SA	1952	E250 BKN	20			068	73	21	21	19		984		EP
SA	2053	E250 BKN	20			073	72	19	25	09		985		EP
SA	2154	250 - SCT	20			075	71	18	24	13		986	307 1001 83	EP
SA	2253	250 - BKN	20			080	70	18	25	15		987		EP
SA	2353	E250 BKN	20			088	67	14	25	11		990		EP

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIIII iiii hVV Nddff 1s$_n$TTT 2s$_n$T$_d$T$_d$T$_d$ 3P$_o$P$_o$P$_o$P$_o$ 4PPPP 5appp 6RRRt$_R$ 7wwW$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

USMO, DESERT ROCK NEVADA

DATE MAY 23, 1989

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 54	26.500			14	10	10	CC	E250												6	0	.000			00-01
01 53	26.500			14	10															7					01-02
02 51	26.510			14	10															6					02-03
03 50	26.500			13	10	10	CC	E250												7	0	.000			03-04
04 50	26.500			13	9															7					04-05
05 50	26.520			13	9															7					05-06
06 50	26.540			14	8	8	CI	250												3	3	.040			06-07
07 50	26.540			13	8															3					07-08
08 50	26.520			14	8															3					08-09
09 50	26.520			14	9	9	CI	250												4	6	.020			09-10
10 50	26.520			14	9															5					10-11
11 50	26.510			14	9															4					11-12
12 50	26.490			14	9	9	CI	250												4	8	.030			12-13
13 50	26.470			13	8															4					13-14
14 50	26.460			14	9															4					14-15
15 58	26.450			14	6	0	ACSL	180	6	CI	E250	6								4	6	.040			15-16
16 52	26.440			14	8															6					16-17
17 54	26.450			13	7															4					17-18
18 53	26.450			13	8	8	CI	E250												6	5	.000			18-19
19 52	26.450			14	7															5					19-20
20 53	26.460			13	8															6					20-21
21 54	26.470			13	3	3	CI	250												1	3	.020			21-22
22 53	26.480			14	6															2					22-23
23 53	26.500			13	8															5					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350		0	0		76	73										
	0350	1	0	0	0	78	73		0								
	0950	2	0	0	0	80	72		0								
	1553	3	0	0	0	83	78		0								
	2151	4	0	0	0	81	71		0								
	MID.		0	0	0	71	67										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1553	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.500	26.520	26.450	26.470
BAROGRAPH 64	26.510	26.520	26.450	26.465
BAR. CORR. 65	-.010	0	0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
83	67	0	0	0	43	SW	0951					8	8		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	BEGAN 86	ENDED 87

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0431 SUNSET 1850

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

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

TIME CHECK — CLOCK CORRECT TO NEAREST MINUTE AT: 0500 / 2045 / /

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAY 24, 1989

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0053	E250 BKN	20			093	65	13	26	07		991	214 1001	EP
SA	0153	250 - BKN	20			098	62	10	02	10		992		EP
SA	0251	250 - SCT	20			102	60	7	01	12		993		EP
SA	0358	CLR	20			105	57	6	04	11		993	107 1002 57	DC
SA	0455	CLR	20			116	55	4	03	03		996	CI SE RADAT 20128	DC
SA	0554	CLR	20			121	62	11	07	06		998	CI SE	DC
SA	0658	CLR	20			124	63	12	04	15		999	117 1002	DC
SA	0755	CLR	20			125	66	14	05	15		000		DC
SA	0856	CLR	20			121	69	17	04	12		998		DC
SA	0958	CLR	20			120	72	19	03	06		998	802 54	DC
SA	1055	CLR	20			111	74	22	32	08		996		DC
SA	1154	CLR	20			105	75	22	34	06		994		DC
SA	1257	CLR	20			096	78	25	25	07		992	720	DC
SA	1352	CLR	20			093	78	25	21	08	G18	990		DC
SA	1453	CLR	20			085	78	24	21	12	G18	987		DC
SA	1551	CLR	20			084	78	24	22	9		986	715 80 RADAT 20124	EP
SA	1651	CLR	20			081	77	23	23	10		985		EP
SA	1751	CLR	20			074	76	23	25	13		984		EP
SA	1851	CLR	20			075	74	21	29	08		984	607	EP
SA	1952	CLR	20			075	70	18	25	04		984		EP
SA	2053	CLR	20			082	63	10	04	06		985		EP
SA	2156	CLR	20			085	61	8	03	09		986	307 80	EP
SA	2252	CLR	20			081	67	13	01	10		986		EP
SA	2352	CLR	20			082	65	13	03	16	G22	986		EP

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Hiii iRixhVV Nddff 1snTTT 2snTdTdTd 3PoPoPoPo 4PPPP 5appp 6RRRtR 7wwW1W2 8NhCLCMCH plus regional and national data groups.

NATIONAL WEATHER SERVICE

[illegible] ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE MAY 24, 1989

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.510			13	8	8	CI	E250												6	2	.040			00-01
01 53	26.520			13	6															3					01-02
02 51	26.530			12	1															0					02-03
03 58	26.530			13	0	0	CI	250												0	1	.020			03-04
04 55	26.555			12	0															0					04-05
05 54	26.575			13	0															0					05-06
06 58	26.580			13	0	0	CI	250												0	1	.050			06-07
07 55	26.585			13	0															0					07-08
08 56	26.575			14	0															0					08-09
09 58	26.575			13	0															0	8	.005			09-10
10 55	26.555			14	0															0					10-11
11 54	26.535			14	0															0					11-12
12 57	26.515			14	0															0	7	.060			12-13
13 52	26.500			14	0															0					13-14
14 53	26.480			13	0															0					14-15
15 51	26.470			13	0															0	7	.045			15-16
16 51	26.460			13	0															0					16-17
17 51	26.450			14	0															0					17-18
18 51	26.450			14	0															0	6	.020			18-19
19 52	26.450			14	0															0					19-20
20 53	26.460			12	0															0					20-21
21 56	26.470			12	0															0	3	.020			21-22
22 52	26.470			12	0															0					22-23
23 52	26.470			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	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	67	57	X	X						X		
	0350	1	0	0	0	71	57		0								
	0950	2	0	0	0	72	54		0								
	1549	3	0	0	0	80	71		0								
	2152	4	0	0	0	80	61		0								
	MID.	X	0	0	0	68	61	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0954	1550	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.530	26.575	26.470	26.480
BAROGRAPH 64	26.530	26.575	26.480	26.460
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 WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
80	54	0	0	0	24	NE	2327					0	1		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0431 SUNSET 1851

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

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

TIME CHECK — CLOCK CORRECT TO NEAREST MINUTE AT: 1090P / 2036 /

MF 1-10A
(5-83)

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

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAY 25, 1989

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0053	CLR	20			085	63	12	03	12		987	303	EP
SA	0150	CLR	20			089	62	14	07	13		988		EP
SA	0252	CLR	20			093	61	15	05	15	G22	990		EP
SA	0354	CLR	20			099	59	16	04	11		992	312 59 RADAT 33114	DC
SA	0455	CLR	20			105	59	16	06	13	G23	993		DC
SA	0556	CLR	20			112	61	16	02	11		995		DC
SA	0658	CLR	20			114	64	17	03	10		996	114	DC
SA	0755	CLR	20			119	67	17	06	13	G18	997		DC
SA	0856	CLR	20			120	70	17	05	12		996		DC
SA	0954	CLR	20			117	72	19	05	09		996	000 58	DC
SA	1050	CLR	20			111	74	20	32	08	G19	995		DC
SA	1155	CLR	20			101	78	20	34	09		993		DC
SA	1258	CLR	20			096	78	24	07	07		991	815	DC
SA	1356	CLR	20			090	79	26	17	03		989		DC
SA	1451	CLR	20			086	81	27	33	07		988		DC
SA	1550	CLR	20			081	82	26	29	11		986	714 83 RADAT 35114	HS
SA	1650	CLR	20			077	81	25	30	09		985		HS
SA	1750	CLR	20			077	80	25	32	08		985		HS
SA	1851	CLR	20			085	77	21	33	12		987	303	HS
SA	1950	CLR	20			092	74	19	03	10		990		HS
SA	2051	CLR	20			101	70	14	04	11		992		HS
SA	2151	CLR	20			107	70	14	03	12		994	220 83	HS
SA	2251	CLR	20			107	67	13	05	10		994		HS
SA	2350	CLR	20			111	63	9	31	05		995		HS

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIIII $i_R i_X$ hVV Nddff $1s_n$TTT $2s_n$T$_d$T$_d$T$_d$ 3P$_o$P$_o$P$_o$P$_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

[illegible], DESERT ROCK NEVADA

DATE MAY 25, 1989

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.480			13	0															0	3	.010			00-01
01 50	26.490			15	0															0					01-02
02 52	26.500			16	0															0					02-03
03 54	26.515			18	0															0	3	.035			03-04
04 55	26.530			18	0															0					04-05
05 56	26.550			17	0															0					05-06
06 58	26.555			16	0															0	1	.040			06-07
07 55	26.565			15	0															0					07-08
08 56	26.560			13	0															0					08-09
09 54	26.555			13	0															0	0	.000			09-10
10 50	26.550			13	0															0					10-11
11 55	26.530			11	0															0					11-12
12 58	26.510			14	0															0	8	.045			12-13
13 56	26.495			14	0															0					13-14
14 51	26.485			14	0															0					14-15
15 50	26.470			13	0															0	7	.040			15-16
16 50	26.460			13	0															0					16-17
17 50	26.460			13	0															0					17-18
18 51	26.480			13	0															0	3	.010			18-19
19 50	26.500			12	0															0					19-20
20 51	26.520			12	0															0					20-21
21 51	26.540			12	0															0	2	.060			21-22
22 51	26.540			12	0															0					22-23
23 50	26.550			12	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	66	59	X	X						X		
	0348	1	0	0	0	68	59		0								
	0949	2	0	0	0	72	58		0								
	1548	3	0	0	0	83	72		0								
	2149	4	0	0	0	82	70		0								
	MID.	X	0	0	0	70	63	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0952	1549	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.585	26.555	26.470	26.540
BAROGRAPH 64	26.505	26.555	26.475	26.540
BAR. CORR. 65	+.010	0	-.005	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
83	58	0	0	0	26	NE	0315					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0430 SUNSET 1851

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1040OP/ 1925/

MF 1-10A
(5-83)

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

STATION **WSMO, DESERT ROCK NEVADA**

SURFACE WEATHER OBSERVATIONS

DATE MAY 26, 1989

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			109	66	13	05	11		995	103	HS
SA	0150	CLR	20			114	65	12	04	16		996		HS
SA	0250	CLR	20			121	62	13	03	17		999		HS
SA	0358	CLR	20			126	60	16	06	16		000	214 60 RADAT MISG	DC
SA	0455	CLR	20			136	59	20	06	14		003		DC
SA	0550	CLR	20			144	62	22	05	14		005		DC
SA	0654	CLR	20			150	64	23	04	16		006	120	DC
SA	0748	CLR	20			149	68	22	03	12		006		DC
SA	0849	CLR	20			140	73	20	06	09		004		DC
SA	0956	CLR	20			132	77	24	13	11		003	812 59	DC
SA	1058	CLR	20			130	79	27	14	10		002		DC
SA	1154	CLR	20			123	80	28	21	08		000		DC
SA	1256	CLR	20			115	83	31	08	09		997	715	DC
SA	1357	CLR	20			104	84	32	22	05		994		DC
SA	1456	CLR	20			096	86	33	24	12		992		DC
SA	1550	CLR	20			089	86	34	21	05		990	724 87 RADAT 21123	HS
SA	1650	CLR	20			087	84	31	26	06		988		HS
SA	1750	CLR	20			086	83	30	27	10		988		HS
SA	1850	CLR	20			086	80	26	23	10		988	603	HS
SA	1950	CLR	20			091	76	22	22	08		990		HS
SA	2050	CLR	20			093	72	20	09	05		991		HS
SA	2154	CLR	20			089	69	18	17	03		990	003 ~~86~~ 87	HS
SA	2252	CLR	20			091	65	14	11	05		990		HS
SA	2350	CLR	20			081	68	15	12	07		987		HS

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIIII $i_R i_X$ hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE MAY 26, 1989

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	26.550			13	0															0	1	.010			00-01
01 50	26.560			12	0															0					01-02
02 50	26.580			14	0															0					02-03
03 58	26.590			18	0															0	2	.040			03-04
04 55	26.615			22	0															0					04-05
05 50	26.635			21	0															0					05-06
06 54	26.650			21	0															0	1	.060			06-07
07 48	26.650			17	0															0					07-08
08 49	26.630			13	0															0					08-09
09 56	26.615			14	0															0	8	.035			09-10
10 58	26.605			15	0															0					10-11
11 54	26.585			15	0															0					11-12
12 56	26.570			15	0															0	7	.045			12-13
13 57	26.540			15	0															0					13-14
14 56	26.520			15	0															0					14-15
15 50	26.500			16	0															0	7	.070			15-16
16 50	26.490			15	0															0					16-17
17 50	26.490			14	0															0					17-18
18 50	26.490			13	0															0	6	.010			18-19
19 50	26.500			13	0															0					19-20
20 50	26.510			14	0															0					20-21
21 54	26.500			14	0															0	0	.010			21-22
22 52	26.500			14	0															0					22-23
23 50	26.480			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	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	66	60	X	X						X		
	0350	1	0	0	0	70	60		0								
	0950	2	0	0	0	77	59		0								
	1548	3	0	0	0	87	76		0								
	2152	4	0	0	0	86	69		0								
	MID.	X	0	0	0	69	64	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0953	1549	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.590	26.615	26.500	26.500
BAROGRAPH 64	26.590	26.625	26.515	26.510
BAR. CORR. 65	0	-.010	-.015	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
87	59	0	0	0	22	SW	1530					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0430 SUNSET 1852

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

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

TIME CHECK — CLOCK CORRECT TO NEAREST MINUTE AT: /1000 / 1900 /

SA 2154 MAX TEMP 86 CHANGED TO 87 AT 27/0800

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION **WSMO, DESERT ROCK NEVADA**

DATE MAY 27, 1989

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0055	CLR	20			081	62	11	35	03		987	607	HS
SA	0150	CLR	20			087	59	8	05	09		988		HS
SA	0250	CLR	20			081	60	11	12	03		987		HS
SA	0358	CLR	20			081	60	12	14	04		987	000 57 RADAT 23126	DC
SA	0456	CLR	20			088	58	11	00	00		988		DC
SA	0555	CLR	20			089	66	14	00	00		990		DC
SA	0655	CLR	20			080	73	22	00	00		988	003	DC
SA	0753	CLR	20			081	79	29	22	14	G19	989		DC
SA	0854	CLR	20			080	81	27	21	16		988		DC
SA	0955	CLR	20			079	83	28	20	22	G29	987	803 57	DC
SA	1055	CLR	20			076	84	32	23	22	G29	986		DC
SA	1154	CLR	20			067	86	32	21	22	G29	985		DC
SA	1258	CLR	20			068	86	34	17	25	G33	984	712 1002	DC
SA	1357	CLR	20			060	86	35	20	22	G28	982		DC
SA	1454	CLR	20			058	87	35	20	21	G31	981		DC
SA	1550	CLR	20			051	87	34	20	15	G27	979	715 88 RADAT 26L128137	HS
SA	1652	CLR	20			049	86	33	19	12	G25	977		HS
SA	1750	CLR	20			041	84	31	19	16	G25	976		HS
SA	1850	CLR	20			039	81	28	19	15	G25	976	607	HS
SA	1950	CLR	20			041	80	26	20	16	G26	977	CI NW	HS
SA	2050	CLR	20			045	77	24	20	09		979		HS
SA	2151	CLR	20			041	75	21	19	10		977	003 88	HS
SA	2250	CLR	20			034	74	22	18	22	G36	975	PKWIND 1836/45	HS
SA	2350	CLR	20			032	74	20	18	20	G32	975	PK WIND 1836/09	HS

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii iRixhVV Nddff 1snTTT 2snTdTdTd 3PoPoPoPo 4PPPP 5appp 6RRRtR 7wwW1W2 8NhCLCMCH plus regional and national data groups.

NATIONAL WEATHER SERVICE

WSMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE MAY 27, 1989

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 55	26.480			13	0															0	6	.020			00-01
01 50	26.490			13	0															0					01-02
02 50	26.480			14	0															0					02-03
03 58	26.480			15	0															0	0	.000			03-04
04 56	26.490			15	0															0					04-05
05 55	26.500			13	0															0					05-06
06 55	26.490			15	0															0	0	.010			06-07
07 53	26.495			16	0															0					07-08
08 54	26.490			14	0															0					08-09
09 55	26.480			14	0															0	8	.010			09-10
10 55	26.470			15	0															0					10-11
11 54	26.455			14	0															0					11-12
12 58	26.445			16	0	0	CI	250												0	7	.035			12-13
13 57	26.425			16	0															0					13-14
14 54	26.420			16	0															0					14-15
15 50	26.400			15	0															0	7	.045			15-16
16 52	26.390			15	0															0					16-17
17 50	26.380			15	0															0					17-18
18 50	26.380			14	0															0	6	.020			18-19
19 50	26.390			14	0															0					19-20
20 50	26.400			14	0															0					20-21
21 51	26.390			13	0															0	0	.010			21-22
22 50	26.370			14	0															0					22-23
23 50	26.370			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	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	68	57	X	X						X		
	0350	1	0	0	0	69	57		0								
	0948	2	0	0	0	83	57		0								
	1548	3	0	0	0	88	82		0								
	2149	4	0	0	0	87	75		0								
	MID.	X	0	0	0	75	73	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0951	1549	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.480	26.480	26.400	26.390
BAROGRAPH 64	26.485	26.490	26.405	26.390
BAR. CORR. 65	-.005	-.010	-.005	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
88	57	0	0	0	*36	S	2309					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0429 SUNSET 1853

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: /0400/1905/

*LAST OF TWO OCCURRENCES.

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION **WSMO, DESERT ROCK NEVADA**

DATE MAY 28, 1989

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			041	73	19	17	11		977	500	HS
SA	0150	CLR	20			034	70	23	25	13		975		HS
SA	0250	CLR	20			038	70	24	20	12	G24	976		HS
SA	0353	CLR	20			038	68	26	23	17		976	503 68 RADAT 20141	MR
SA	0451	CLR	20			045	68	24	22	11		978		MR
SA	0553	CLR	20			048	71	22	20	12		980		MR
SA	0653	CLR	20			052	72	25	22	14	G22	981	112	MR
SA	0753	CLR	20			058	74	24	20	16	G22	982		MR
SA	0853	CLR	20			057	76	23	20	21	G27	982		MR
SA	0953	CLR	20			060	78	26	20	23	G30	983	207 1001 67	MR
SA	1056	CLR	20			058	79	27	20	27	G38	982	PK WND 2038/52	MR
SA	1152	CLR	20			049	81	28	20	28	G43	980	PK WND 2043/42	MR
SA	1253	CLR	20			046	81	30	21	28	G38	979	PK WND 2042/35 712	MR
SA	1352	CLR	20			039	82	30	20	32	G46	976	PK WND 2046/46	MR
SA	1454	CLR	20			031	83	31	19	29	G41	974	TCU DSNT NW PK WND	MR
/													1942/41	/
SA	1552	CLR	20			029	83	31	22	28	G41	973	CU DSNT NW PK WND	[illegible]
—	—												2245/25 / 617 1100 84	—
—	—												RADAT 20137	—
SA	1656	CLR	20			027	80	30	19	29	G38	972	FEW SC PK WND 1943/42	[illegible]
SA	1755	CLR	20			027	78	27	20	28	G40	972	FEW SC PK WND 2041/28	[illegible]
SA	1850	CLR	20			036	74	23	22	25	G34	974	FEW SC CI PK WND 2239/22	[illegible]
—	—												303 ~~401~~ 1401	—
SA	1950	CLR	20			044	72	20	22	26	G38	976	PK WND 2238/43	[illegible]
SA	2053	CLR	20			051	70	18	22	17	G28	979	PK WND 2237/04	[illegible]
SA	2150	CLR	20			050	69	17	21	16	G26	979	114 84	[illegible]
SP	2245	CLR	20						29	06		981	WSHFT FROPA 43	[illegible]
SA	2253	CLR	20			062	66	15	30	06		982	WSHFT FROPA 43	[illegible]
SA	2352	CLR	20			064	62	13	28	09		982		[illegible]

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii iRiXhVV Nddff 1snTTT 2snTdTdTd 3PoPoPoPo 4PPPP 5appp 6RRRtR 7wwW1W2 8NhCLCMCH plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE MAY 28, 1989

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	26.390			13	0															0	5	.000			00-01
01 50	26.370			16	0															0					01-02
02 50	26.380			18	0															0					02-03
03 53	26.380			21	0															0	5	-.010			03-04
04 51	26.395			19	0															0					04-05
05 53	26.405			16	0															0					05-06
06 53	26.415			17	0															0	1	.035			06-07
07 53	26.430			15	0															0					07-08
08 53	26.425			14	0															0					08-09
09 53	26.435			15	0	0	Ci	250												0	2	.020			09-10
10 56	26.430			15	0															0					10-11
11 52	26.410			15	0															0					11-12
12 53	26.400			15	0															0	7	.035			12-13
13 52	26.375			15	0															0					13-14
14 54	26.360			16	0															0					14-15
15 52	26.350			15	0	0	Cu	90												0	6	.050			15-16
16 56	26.340			16	0															0					16-17
17 55	26.340			15	0															0					17-18
18 50	26.360			15	0	0	Sc	90	0	Ci	250	0								0	3	.010			18-19
19 50	26.380			14	0															0					19-20
20 53	26.400			14	0															0					20-21
21 50	26.400			14	0															0	1	.040			21-22
22 53	26.430			14	0															0					22-23
23 52	26.430			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	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349		0	0		74	68										
	0349	1	0	0	0	75	68		0								
	0950	2	0	0	0	78	67		0								
	1548	3	0	0	0	84	78		0								
	2146	4	0	0	0	83	69		0								
	MID.		0	0	0	69	62										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0953	1552	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.380	26.435	26.350	26.400
BAROGRAPH 64	26.375	26.425	26.340	26.385
BAR. CORR. 65	+.005	+.010	+.010	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	0400 SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
84	62	0	0	0	46	S	1346					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0429 SUNSET 1854

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 10356 / 1641 /

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAY 29-1989

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0051	CLR	20			069	60	9	31	14		983	114	MG
SA	0150	CLR	20			074	59	8	30	06		984		MG
SA	0250	CLR	20			076	59	11	33	09		985		MG
SA	0353	CLR	20			080	57	13	23	07		986	108 57 RADAT 20108	MR
SA	0450	CLR	20			086	57	14	30	08		987		MR
SA	0552	CLR	20			092	59	15	31	07		989		MR
SA	0653	CLR	20			096	63	15	26	07		991	114	MR
SA	0754	CLR	20			098	64	16	22	12		991		MR
SA	0852	CLR	20			096	66	16	24	11		991		MR
SA	0955	CLR	20			092	69	18	28	09		990	802 54	MR
SA	1053	CLR	20			084	71	18	25	19	G26	987		MR
SA	1153	CLR	20			077	73	18	18	18	G24	985		MR
SA	1253	CLR	20			072	74	21	17	18	G23	983	620 1170	MR
SA	1353	CLR	20			061	74	22	21	21	G31	980		MR
SA	1453	CLR	20			053	75	22	21	20	G27	977	Cu Ac NW	MR
SA	1553	CLR	20			047	75	23	20	18	G25	975	Cu Ci SW-N INCRG	MG
—	—												724 1103 76 RADAT 28104	—
SA	1650	E 50 BKN 230 BKN	20			040	75	22	19	20	G27	973	RWU NW	MG
SA	1750	E 50 BKN 230 BKN	20			044	72	17	22	20	G27	974	VIRGA N-NE	MG
SP	1827	E 60 BKN 230 BKN	20						34	15	G25	979	WSHFT FROPA 26 PRESRR	MG
SA	1852	E 60 BKN 230 BKN	20			069	63	30	36	16	G25	981	TCU NW WSHFT FROPA	MG
—	—												26 PRESRR / 317 1203	—
SA	1957	M65 BKN 230 BKN	20			084	62	28	02	09		985		MG
SA	2050	E65 BKN 230 BKN	20			091	61	28	35	10		987		MG
SA	2150	65 SCT 230 SCT	20			094	59	28	01	12		988	124 1401 76	MG
SA	2250	65 SCT 230 SCT	20			098	58	26	34	09		990		MG
SA	2351	65 SCT	20			100	57	26	35	14	G21	991		MG

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIIII $i_R i_x$ hVV Nddff $1s_n$TTT $2s_n T_d T_d T_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRR$_{tr}$ 7wwW$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$ plus regional and national data groups.

(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAY 29-1989

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 51	26.440			13	0															0	1	.040			00-01
01 50	26.450			13	0															0					01-02
02 50	26.460			15	0															0					02-03
03 53	26.465			17	0															0	1	.025			03-04
04 50	26.480			18	0															0					04-05
05 52	26.495			17	0															0					05-06
06 53	26.505			16	0															0	1	.040			06-07
07 54	26.510			15	0															0					07-08
08 52	26.505			14	0															0					08-09
09 55	26.500			14	0															0	8	.005			09-10
10 53	26.475			13	0															0					10-11
11 53	26.455			13	0															0					11-12
12 53	26.440			14	0	0	Cu	90	0	Ac	140	0								0	6	.060			12-13
13 53	26.410			14	0															0					13-14
14 53	26.390			14	0															0					14-15
15 53	26.370			14	0	0	Cu	50	0	Ci	230	0								0	7	.070			15-16
16 50	26.350			14	7															7					16-17
17 50	26.360			12	7															7					17-18
18 52	26.420			29	7	6	Cu	E60	2	Ci	230	7								7	3	.050			18-19
19 57	26.460			28	8															8					19-20
20 50	26.480			28	7															7					20-21
21 50	26.490			31	4	3	SC	65	1	Ci	230	4								4	1	.070			21-22
22 50	26.500			29	4															4					22-23
23 51	26.505			30	3															3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	62	57	X	X						X		
	0349	1	0	0	0	69	57		0								
	0950	2	0	0	0	70	54		0								
	1549	3	0	0	0	76	69		0								
	2146	4	0	0	0	75	59		0								
	MID.	X	0	0	0	59	57	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0953	1553	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.465	26.500	26.370	26.490
BAROGRAPH 64	26.465	26.500	26.360	26.485
BAR. CORR. 65	0	OR	+.010	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	0400 SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
76	54	0	0	0	33	S	1154					1	2		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0428 SUNSET 1854

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1042 / 1842 /

* BAROGRAPH CHANGED AND RESET TO ZERO CORR

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAY 30 - 1989

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0059	65 SCT	20			102	53	28	35	07		991	107 1400	[illegible]
SA	0151	65 SCT	20			102	53	29	35	13		991		[illegible]
SA	0252	CLR	20			107	51	30	36	06		992		[illegible]
SA	0354	CLR	20			111	48	28	31	04		993	305 1050 47 RADAT	MR
													11082	
SA	0456	CLR	20			119	50	29	35	09		995	AC N	MR
SA	0553	CLR	20			121	54	30	31	08		996	CU AC CI NW-NE	MR
SA	0657	CLR	20			131	57	31	29	09		998	217 1172	MR
SA	0752	80 SCT 120 SCT 250 SCT	20			137	57	32	32	06		000		MR
SA	0855	E60 BKN 120 BKN	20			139	59	32	32	04		001		MR
SA	0953	60 SCT	20			135	62	31	23	09		000	003 1100 47	MR
SA	1052	E 55 BKN	20			134	67	28	26	08		000		MR
SA	1154	55 SCT	20			133	67	25	29	12		000		MR
SA	1252	E60 ~~SCT~~ BKN	20			129	69	24	29	12		997	805 1100	MR
SA	1353	60 SCT	20			125	73	24	27	10		997		MR
SA	1453	60 SCT	20			122	72	22	02	08		996		MR
SA	1556	80 SCT	20			121	73	22	29	09		995	707 1100 75 RADAT 43102	[illegible]
SA	1651	80 SCT	20			124	72	27	02	10	G19	996		[illegible]
SA	1755	80 SCT	20			127	70	28	02	11		997		[illegible]
SA	1850	80 SCT	20			134	68	28	03	13	G19	000	314 1400	[illegible]
SA	1950	80 SCT	20			143	67	27	03	14		002		[illegible]
SA	2050	90 SCT	20			150	65	26	05	08		004		[illegible]
SA	2157	90 SCT	20			155	62	27	07	10		006	219 1400 75	[illegible]
SA	2253	90 SCT	20			157	58	26	07	06		006		[illegible]
SA	2350	CLR	20			153	58	26	06	09		005		[illegible]

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x hVV$ Ndddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp 6RRRt_R $7wwW_1W_2$ $8N_hC_L$ C_MC_H plus regional and national data groups.

NATIONAL WEATHER SERVICE

WSMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE MAY 30-1989

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 59	26.510			38	2	2	SC	65												2	1	.020			00-01
01 51	26.510			40	1															1					01-02
02 52	26.520			44	0															0					02-03
03 54	26.525			45	0	0	Ac	140												0	3	.015			03-04
04 56	26.550			45	0															0					04-05
05 53	26.555			40	0															0					05-06
06 57	26.575			37	0	0	Cu	80	0	Ac	120	0	0	Ci	250	0				0	2	.050			06-07
07 52	26.590			38	1															1					07-08
08 55	26.595			35	6															6					08-09
09 53	26.585			31	5	5	Cu	60												5	0	.010			09-10
10 52	26.590			24	7															7					10-11
11 54	26.585			20	5															5					11-12
12 52	26.570			18	6	6	Cu	660												6	8	.015			12-13
13 53	26.565			16	5															5					13-14
14 53	26.555			15	4															4					14-15
15 56	26.550			15	4	4	Cu	80												4	7	.020			15-16
16 51	26.560			19	4															4					16-17
17 55	26.570			21	2															2					17-18
18 50	26.590			22	3	3	SC	80												3	3	.040			18-19
19 50	26.610			22	3															3					19-20
20 50	26.630			23	2															2					20-21
21 57	26.645			26	2	2	SC	90												2	2	.055			21-22
22 53	26.650			29	2															2					22-23
23 50	26.640			29	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	57	47	X	X						X		
	0350	1	0	0	0	59	47		0								
	0949	2	0	0	0	63	48		0								
	1552	3	0	0	0	75	62		0								
	2152	4	0	0	0	74	62		0								
	MID.	X	0	0	0	62	56	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0952	1556	2157
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.525	26.585	26.550	26.645
BAROGRAPH 64	26.525	26.595	26.550	26.640
BAR. CORR. 65	0	-.010	0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	0400 SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
75	47	0	0	0	23	NE	1524					3	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0428 SUNSET 1855

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

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

TIME CHECK — CLOCK CORRECT TO NEAREST MINUTE AT: 10614 11540 1

MF1-10A
(5-83)

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

STATION: WSMO, DESERT ROCK NEVADA

DATE: MAY 31-1989

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			153	56	26	04	09		005	602	[illegible]
SA	0150	CLR	20			147	56	26	05	09		004		[illegible]
SA	0250	CLR	20			148	56	27	04	13		004		[illegible]
SA	0358	CLR	20			148	58	28	03	12		005	502 56 RADAT 35100	MR
SA	0453	CLR	20			156	55	24	02	04		006		MR
SA	0553	CLR	20			160	61	28	01	07		008		MR
SA	0656	CLR	20			165	63	28	03	12		009	215	MR
SA	0753	CLR	20			167	67	27	02	12		011	Cu OMTNS SE	MR
SA	0854	CLR	20			161	70	26	03	11		009	Cu OMTNS SE	MR
SA	0956	80 SCT	20			161	72	26	06	10		009	802 1100 53	MR
SA	1053	80 SCT	20			161	74	26	35	11		008		MR
SA	1153	90 SCT	20			156	76	25	35	08		007		MR
SA	1253	90 SCT	20			150	78	24	01	10	G16	006	810 1100	MR
SA	1353	90 SCT	20			144	79	24	09	10		004		MR
SA	1453	E90 BKN	20			139	78	21	03	09		003	TCu NE VIRGA ALQDS	MR
SA	1553	E90BKN 250 BKN	20			131	78	21	12	10		001	VIRGA NW-NE/715 ~~ADT~~ 1201 81	DCa
/													RADAT 40113	/
SA	1650	90 SCT 250 SCT	20			129	79	20	03	03		000	CBNE MOVG NE RWU NE	DCa
SA	1754	90 SCT 250 SCT	20			132	77	19	01	06		001	CBNE DSIPTO VIRGA W-E	DCa
SA	1851	90 SCT 250 SCT	20			132	75	24	02	12		001	500 1401	DCa
SA	1954	250 SCT	20			142	73	25	04	10		004		DCa
SA	2050	CLR	20			150	70	25	04	07		006		DCa
SA	2150	CLR	20			154	68	28	04	07		007	120 81	DCa
SA	2252	CLR	20			161	67	30	05	10		009		DCa
SA	2350	CLR	20			158	66	29	05	17		008		DCa

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii iRixhVV Ndff 1snTTT 2snTdTdTd 3PoPoPoPo 4PPPP 5appp 6RRRtR 7wwW1W2 8NhCLCMCH plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE MAY 31 -1989

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	26.640			31	0															0	6	.005			00-01
01 50	26.630			31	0															0					01-02
02 50	26.630			33	0															0					02-03
03 58	26.635			31	0															0	5	.005			03-04
04 53	26.650			31	0															0					04-05
05 53	26.665			28	0															0					05-06
06 56	26.680			26	0															0	2	.045			06-07
07 53	26.690			22	0															0					07-08
08 54	26.675			19	0															0					08-09
09 56	26.675			18	1	1	Cu	80												1	8	.005			09-10
10 53	26.670			17	2															2					10-11
11 53	26.660			15	2															2					11-12
12 53	26.645			13	3	3	Cu	80												3	8	.030			12-13
13 53	26.630			13	4															4					13-14
14 53	26.615			12	6															6					14-15
15 53	26.600			12	6	6	Cu	E90	0	Ci	250	6								6	7	.045			15-16
16 50	26.590			11	4															4					16-17
17 54	26.600			11	3															3					17-18
18 51	26.600			15	2	2	Sc	90	0	Ci	250	2								2	5	.000			18-19
19 54	26.630			17	2															2					19-20
20 50	26.650			18	0															0					20-21
21 50	26.660			22	0															0	1	.060			21-22
22 52	26.680			25	0															0					22-23
23 50	26.670			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	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0353	X	0	0	X	58	56	X	X						X		
	0353	1	0	0	0	62	56		0								
	0951	2	0	0	0	72	53		0								
	1550	3	0	0	0	81	72		0								
	2148	4	0	0	0	80	68		0								
	MID.	X	0	0	0	69	66	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0357	0955	1551	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.635	26.675	26.600	26.660
BAROGRAPH 64	26.635	26.685	26.610	26.670
BAR. CORR. 65	0	-.010	-.010	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	0400 SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
81	53	0	0	0	31	N	1259					2	1		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	BEGAN 86	ENDED 87

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0427 SUNSET 1856

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

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

TIME CHECK — CLOCK CORRECT TO NEAREST MINUTE AT: 10400 11600 1