

1 November 1952

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USS ESTES
ENIWETOK, MARSHALL IS

126809

Latest Winds Aloft Taken on Eniwetok at 0100 Local (1300Z)

<u>ALTITUDE</u>	<u>DEGREES</u>	<u>KNOTS</u>	<u>PRESSURE</u>	<u>TEMP</u>	<u>DEW POINT</u>	<u>ALTITUDE</u>
Surface	110	12	1000 mb	25.8	23.8	280 ft
1,000 ft	110	13				
2,000 ft	110	15				
3,000 ft	110	15				
4,000 ft	120	15				
5,000 ft	120	13	850 mb	18.8	17.2	4,930 ft
6,000 ft	130	14				
7,000 ft	130	16				
8,000 ft	130	17	733 mb	11.8	10.2	
9,000 ft	130	17				
10,000 ft	130	14	700 mb	9.5	7.2	10,330 ft
12,000 ft	130	08				
14,000 ft	140	09				
16,000 ft	150	10	633	6.5	1.8	
18,000 ft	160	11				
20,000 ft	160	10	500 mb	6.2	-8.8	19,270 ft
25,000 ft	250	17	445	-11.2	-26.8	
			400 mb	-16.7	M	24,890 ft
30,000 ft	240	24	358	-24.0		
			300 mb	-29.7	M	31,790 ft
35,000 ft	240	14				
40,000 ft	250	15	200 mb	-48.5	M	40,910 ft
45,000 ft	330	18	150 mb	-61.2	M	46,950 ft
50,000 ft	350	15	117	-71.0	M	
55,000 ft	040	08				
60,000 ft	070	34				
65,000 ft	070	36				
70,000 ft	080	20				
75,000 ft	100	19				
80,000 ft	080	17				
85,000 ft	100	06				
90,000 ft	090	04				

RG 326 US ATOMIC ENERGY
COMMISSION

Location LANL
Collection RECORDS CENTER
Folder OP IVY GENERAL,
TEST PLANNING

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KWAJALEIN

^B
31-1400Z 4/8 Cu 2000 ft 10 miles 1007.2 MB 82°/75° 090°/10 Kt
01-0200L

^E
31-1500Z 4/8 Cu 2000 ft 10 miles 1006.5 MB 82°/75° 090°/5 Kt
01-0300L

^F
31-1600Z 6/8 Cu 2000 ft 7/8 CI ≠ CS 10 miles DSNT-LTG
01-0400L 1006.2 MB 82°/75° 090°/5 Kts

^A
31-1700Z 2/8 Cu 2000 ft 4/8 CI ≠ CS 10 miles 1006.5 MB
01-0500L 82°/75° 040°/5Kts

^A
31-1800Z 2/8 Cu 2000 ft AsAc 7/8 CitCs 10 miles
01-0600L 1006.5 MB 81°/75° 060°/10 Kts

^A
31-1900Z 2/8 Cu 1000 ft Ac 8/8 Cs 10 miles (RW in sight)
01-0700L 1007.4 MB 82°/75° 040°/10 Kts

31-2000Z
01-0800L REPORT MISSING

^A
31-2100Z 3/8 Cu 1500 ft AsAc 8/8 Cs 10 miles
01-0900L 1008.7 MB 82°/77° 100°/10 Kts

^A
31-2200Z 2/8 Cu 1500 ft 8/8 AsAc 10 miles 1009.1 MB
01-1000L 84°/77° 050°/9 Kts

^A
31-2300Z 5/8 Cu 1500 ft 8/8 AsAc 10 miles 1008.7 MB
01-1100L 85°/77° 120°/9 Kts

^A
01-0000Z 5/8 Cu 1500 ft 8/8 AsAc 10 miles 1008.6 MB
01-1200L 85°/75° 130°/9 Kts

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ENIWETOK

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31-1400Z 01-0200L	(5)	3/10 Cu 10 miles	1700 ft 1008.0 MB	-1/10 Ac 84°/78°	4/10 Ci 110°/10 Kts	35,000 ft Kts
31-1500Z 01-0300L	(6)	5/10 Cu 1007.5 MB	1700 ft 82°/75°	1/10 Ac 110°/12 Kts	9,000 ft RWV W	10 miles
31-1600Z 01-0400L	(4)	3/10 Cu 1007.1 MB	1700 ft 82°/74°	2/10 Ci 090°/12 Kts	35,000 ft OCNL	10 miles LTGIC
31-1700Z 01-0500L	(7)	7/10 Cu 090°/9 Kts	1600 ft OCNL	11 Miles LTGIC	1007.3 MB	82°/74°
31-1800Z 01-0600L	(7)	7/10 Cu 110 /9 Kts	1600 ft RWV ALL QUADS	11 Miles	1007.3 MB OCNL LTGIC	82°/75°
31-1900Z 01-0700L	(8)	7/10 Cu 1007.0 MB	1600 ft 84°/77°	1/10 As 110°/11 Kts	10,000 ft	10 miles
31-1913Z 01-0713Z		1600	10,000	36,000	10 miles	110°/13 Kts
31-1918Z 01-0718L		1600	10,000	36,000	10 miles	110°/13-Kts
31-1930Z 01-0730L		1600	10,000	36,000	10 miles	110°/13 Kts
31-1945Z 01-0745L		1600	10,000	36,000	10 miles	110°/15 Kts
31-2000Z 01-0800L	(8)	5/10 Cu 36,000 ft	1600 ft 10 miles	1/10 As 1008.6 MB	10,000 ft 83°/77°	2/10 Ci 110°/15 Kts
31-2030Z 01-0830L		1600	10,000	36,000	10 miles	110°/10 Kts
31-2100Z 01-0900L	(8)	3/10 Cu 45,000 ft	1600 ft 10 miles	2/10 As 1009.0 MB	10,000 ft 84°/76°	3/10 Cs 110°/10 Kts
31-2200Z 01-1000L	(8)	3/10 Cu 45,000 ft	1600 ft 10 miles	2/10 As 1009.8 MB	10,000 ft 85°/77°	3/10 Cs 090°/20 Kts
31-2300Z 01-1100L	(9)	1/10 Cu 40,000 ft	1600 ft 9 miles	7/10 As 1008.0 MB	10,000 ft 85°/76°	1/10 Cs 090°/13 Kts
01-0000Z 01-1200L		4/10 Cu 40,000 ft	1600 ft 9 miles	2/10 As 1009.1 MB	10,000 ft 85°/77°	3/10 Cs 090°/13 Kts

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ALL TEMPERATURES CENTIGRADE

16 - 0900L
15 - 2100Z

		<u>Pressure</u>	<u>Temperature</u>	<u>Dew Point</u>	<u>Height</u>
	0717	1010 MB	28.8	23.5	
1	0720	1000 MB	28.5	26.2	310 Ft
15	07031				
2	0822	933 MB	23.5	21.8	
3	0925				
4	0926				
5	0925	850 MB	20.8	10.8	5000 Ft
6	0925				
7	0924	796 MB	16.5	12.8	
8	1021				
9	0920				
10	0720	700 MB	11.8	3.2	10420 Ft
2	0718	"			
4	0618	623 MB	4.8	-14.8	
6	0614				
8	0819	500 MB	-4.2	M	19370 Ft
20	0830				
5	0526	400 MB	-15.5	M	25020 Ft
30	0308	300 MB	-30.5	M	31950 Ft
5	3429				
40	3341	200 MB	-50.8	M	41010 Ft
5	3438	150 MB	-65.0	M	46970 Ft
50	1207				
5	0605	100 MB	-79.2	M	54790 Ft
60	0622	93 MB	-81.0	M	
5	0722	66 MB	-77.0	M	
70	0207	50 MB	-58.0	M	68030 Ft
5	2414				
80	2411				
5	2313				

ENIWETOK

15 November (Z)
16 November (L)

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KWAJALEIN ATOLL

16 0400L (1600Z)	2000 SCTD CU SCTD AS SCTD CS 10 miles
15 Nov.	1006.0 MB 82°/76° 060°/11 KTS
0500L (1700Z)	2000 SCTD CU SCTD CS 10 miles
	1006.0 MB 82°/76° 060°/16 KTS
0600L (1800Z)	1500 OVC CU 5 miles MOD. RW
	1006.9 MB 82°/77° 060°/12 KTS
0700L (1900Z)	2000 SCTD CU 10 miles (RW ended in last hour)
	1007.0 MB 81°/74° 060°/11 KTS
0800L (2000Z)	M I S S I N G
0900L (2100Z)	2000 BRKN CU 10 miles
	1008.6 MB2 (85) 75°/75° (?) 060°/13 KTS
1000L (2200Z)	2000 SCTD CU 10 miles
	1008.6 MB 87°/76° 060°/13 KTS
1100L (2300Z)	2000 SCTD CU SCTD AC 10 miles (RW ended in last hour)
	1008.7 MB 85°/78° 060°/11 KTS
1200L (0000Z)	2000 SCTD CU SCTD AC 10 miles
	1008.1 MB 88°/77° 050°/12 KTS
1300L (0100Z)	2000 BRKN CU 10 miles
	1006.9 MB 89°/78° 060°/12 KTS
1400L (0200Z)	2000 SCTD CU SCTD AS 10 miles
	1006.0 MB 89°/77° 060°/12 KTS
1500L (0300Z)	1800 BRKN CU BRKN AS 10 miles (Rain in sight)
	1005.5 MB 89°/76° 090°/12 KTS
1600L (0400Z)	1800 SCTD CU SCTD AC SCTD Ci 10 miles
	1005.5 MB 88°/75° 070°/12 KTS
1700L (0500Z)	1800 SCTD CU SCTD AC SCTD Ci 10 miles
	1005.4 MB 87°/76° 070°/11 KTS

There was no 15-2100Z RAWIN or RAOB.

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ENIWETOK ATOLL

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16 November, 1952

	0400L	(1600Z)	1600	SCTD	CU 36,000	BRKN Ci 10 miles	
		15 Nov.	1008.5	1B	81°/74°	80% E22 KTS	
	0500L	(1700Z)	1600	SCTD	CU 36,000	BRKN Ci 10 miles	
			1003.5	1B	81°/76°	84% E20 KTS	
	0600L	(1800Z)	1600	SCTD	CU 36,000	BRKN Ci 10 miles	
			1008.5	1B	81°/75°	82% ENE 20 KTS	
	0700L	(1900Z)	1600	SCTD	CU 36,000	SCTD Ci 10 miles	
			1009.1	1B	82°/76°	84% ENE 21 KTS	
(S)	0710L	(1910Z)	1600	SCTD	CU 36,000	BRKN Ci 10 miles	ENE 20 KTS
(L)	0712L	(1912Z)	1600	SCTD	CU 36,000	BRKN Ci 10 miles	RW
	0800L	(2000Z)	1600	SCTD	CU 35,000	BRKN Ci 10 miles	
			1010.2	1B	82°/76°	83% ENE 17 KTS	
	0900L	(2100Z)	1600	SCTD	CU 35,000	SCTD Ci 10 miles	
			1010.5	1B	84°/77°	81% ENE 13 KTS	
	1000L	(2200Z)	1600	SCTD	CU 35,000	SCTD Ci 10 miles	
			1010.8	1B	85°/79°	80% ENE 14 KTS	
	1100L	(2300Z)	1600	SCTD	CU 35,000	SCTD Ci 10 miles	
		15 Nov.	1011.2	1B	85°/78°	80% ENE 17 KTS	
	1200L	(0000Z)	1600	SCTD	CU 35,000	SCTD Ci 10 miles	
			1010.8	1B	86°/79°	80% E19 KTS	
	1300L	(0100Z)	1600	SCTD	CU 35,000	BRKN Ci 10 miles	
			1009.8	1B	86°/80°	82% E18 KTS	
	1400L	(0200Z)	1700	SCTD	CU 39,000	BRKN CS 12 miles	
			1008.8	1B	87°/80°	E19 KTS	
(L)	1445L	(0245Z)	1700	SCTD	CU 39,000	BRKN CS 10 miles	RW
(S)	1449L	(0249Z)	1700	BRKN	CU 39,000	BRKN CS 10 miles	RW E18 KTS
	1500L	(0300Z)	1700	BRKN	CU 39,000	BRKN CS 10 miles	
			1008.1	1B	85°/80°	84% E15 KTS	E16 KTS
(S)	1505L	(0305Z)	1700	SCTD	CU 9,000	SCTD Ac 39,000	BRKN CS 10 miles
	1600L	(0400Z)	1700	SCTD	9,000	BRKN Ac 39,000	BRKN CS 10 miles
			1007.8	1B	85°/80°	87% E18 KTS	
	1700L	(0500Z)	1700	SCTD	CU 9,000	BRKN Ac 39,000	BRKN CS 10 miles
			1007.8	1B	84°/79°	85% NE 19 KTS	