

Date 7 April 1954 Time 0620 L Local Observation Time 0620 L
 Clouds lower 2/8 Cumulus Base 2,000 Tops 8,000 Middle Alto Cumulus Base 18,000
 Isolated Tops of Cu 30 To 40 M Visibility 15 Miles
 Sea Level Pressure 1009.7 Mb Wind direction 090 degrees Velocity 13 Kts
 Surface temp 81 °F Dew Point 75 °F Humidity 82 % Vapor pressure .866
 Local weather Showers Remarks (Tops all clouds reported by
aircraft 40,000)
 Latest winds aloft taken on Curtiss Position Bikini Time 0400M

ALTITUDE	DEGREES	KNOTS	PRESSURE	TEMP	DEW POINT	R H
Surface	040 : 20		1009.7	81 °C	75 °C	79 F
1,000 Ft	070 : 17		973	23.5	22.0	
1,500			958	22.4	21.2	
2,000	060 : 16		940	21.1	20.4	82
3,000	090 : 08		909	19.7	19.0	
4,000	120 : 07		878	18.4	17.5	80
5,000	150 : 08		848	17.1	16.2	
6,000	170 : 12		819	15.8	14.9	78
7,000	170 : 17		789	14.3	13.5	
8,000	190 : 14		760	12.7	12.2	
9,000	200 : 14		733	11.2	10.9	
10,000	210 : 14		705	9.6	9.5	75
12,000	180 : 17		655	6.5	5.6	
14,000	200 : 08		608	3.0	-0.9	69
16,000	190 : 10		563	-0.3	-10.4	67
18,000	200 : 10		522	-3.8	-12.9	64
20,000	220 : 04		483	-7.8	-23.6	24
25,000	190 : 20		396	-18.0	-29.6	24
30,000	210 : 22		322	-27.5	-32.9	42
35,000	210 : 28		258	-39.8		
40,000	230 : 34		206	-51.8		
45,000	280 : 24		161	-63.8		
50,000	240 : 35					
52,000	230 : 39					
60,000						
65,000						
70,000						
75,000						
80,000						
85,000						
90,000						
95,000						
100,000						
105,000						
110,000						
115,000						
120,000						
125,000						

SAFETY 4882-0000

Sanitized by NN-523 on 2/5/98

1ST REVIEW DATE: 01/11/98
 AUTHORITY: OAC/DC/CA/DP
 NAME: [Redacted]
 2ND REVIEW DATE: 04/28/98
 AUTHORITY: ADD
 NAME: [Redacted]

DETERMINATION (CIRCLE N, UNCLASSIFIED)
 1. CLASSIFICATION RETAINED
 2. CLASSIFICATION CHANGED TO UNCLASSIFIED
 3. CONTAINS NO DOE CLASSIFIED INFO
 4. COORDINATE WITH:
 5. CLASSIFICATION CANCELED
 6. UNCLASSIFIED INFO BRACKETED
 7. OTHER (SPECIFY):

This doc
 to [Redacted]

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LOS ALAMOS



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April 54
07/0430M

Curtiss Observed

		P	T °C	D.P. °C
5FC	0420	1006	26.2	23.2
1	0717	975	23.6	22.0
1500		958	22.3	21.2
2	0616	940	21.0	20.3
3	0908	909	19.7	19.0
4	1207	878	18.4	17.6
5	1508	848	17.1	16.1
6	1713	818	15.8	14.9
7	1717	789	14.3	13.5
8	1914	760	12.7	12.2
9	2014	732	11.2	10.9
10	2114	706	9.6	9.5
12	1811	655	6.4	5.7
15	2008	608	3.0	- 0.9
16	1910	562	- 0.4	- 10.4
18	2010	522	- 3.7	- 12.9
20	2204	483	- 7.8	- 23.6
25	1920	396	- 18.0	- 29.6
30	2122	322	- 27.5	- 32.9
35	2128	258	- 39.8	-
40	2334	206	- 51.7	-
45	2834	162	- 63.8	-
50	2435			
55	2339			

DELETED

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ROUGH DRAFT

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