

19880901I1-LPS

Form E-2  
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On-Board Lead Project Scientist Check List

Date 1 SEPT 1988 Aircraft NOAA 43 Flight ID 880901I

A. Participants

HRD		OAO	
Function	Participant	Function	Participant
Lead Proj. Sci.	<u>BURPEE</u>	Flight Director	<u>DAMIANO</u>
Cloud Physics	_____	Pilots	<u>McKim, TURNER</u>
Radar	_____	Navigator	<u>STEVE NAKUT?S</u>
Doppler	_____	Sys. Engr.	<u>SCHRICKER</u>
Photographer	_____	Data Tech.	<u>LYNCH</u>
Omegasonde	<u>DEMARIA, GAMACHE, KOHLER</u>	El. Tech.	_____
AXBT/AXCP	_____	Other	<u>ODW</u> <u>DALIM</u> ?

Take-Off 1829Z Location MIA Landing 0356Z Location MIA

B. Past and Forecast Storm Locations

Date/Time	Latitude	Longitude	MSLP	Max. Wind
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

C. Mission Briefing

ODW - VAS comparison in clear air - see attached  
map for drop locations

1800101112

## E.2 Lead Project Scientist (On-Board)

### E.2.1 Preflight

- \_\_\_\_\_ 1. Participate in general mission briefing.
- \_\_\_\_\_ 2. Determine specific mission and flight requirements for assigned aircraft.
- \_\_\_\_\_ 3. Determine from CARCAH or field program director whether aircraft has operational fix responsibility and discuss with OAO flight director/meteorologist and CARCAH unless briefed otherwise by field program director.
- \_\_\_\_\_ 4. Contact HRD members of crew to:
  - a. Assure availability for mission.
  - b. Arrange ground transportation schedule when deployed.
  - c. Determine equipment status.
- \_\_\_\_\_ 5. Meet with OAO flight crew at least 90 minutes before takeoff, provide copies of flight requirements and provide a formal briefing for the flight director, navigator, and pilots.
- \_\_\_\_\_ 6. Report status of aircraft, systems, necessary on-board supplies and crews to appropriate HRD operations center (MGOC in Miami or FGOC at remote recovery location).

### E.2.2 In-Flight

- \_\_\_\_\_ 1. Confirm from OAO flight director/meteorologist that satellite data link is operative (information).
- \_\_\_\_\_ 2. Confirm camera mode of operation.
- \_\_\_\_\_ 3. Confirm data recording rate.
- \_\_\_\_\_ 4. Complete Form E-2.

takeoff 1829Z  
landing 0356Z

### E.2.3 Postflight

- \_\_\_\_\_ 1. Debrief scientific crew.
- \_\_\_\_\_ 2. Report landing time, aircraft, crew, and mission status along with supplies (tapes, etc.) remaining aboard the aircraft to the appropriate HRD operations center (MGOC or FGOC).
- \_\_\_\_\_ 3. Gather completed forms for mission and turn in at the appropriate operations center. [Note: all data removed from the aircraft by HRD personnel should be cleared with the OAO flight director.]
- \_\_\_\_\_ 4. Determine next mission status, if any, and brief crews as necessary.
- \_\_\_\_\_ 5. Notify the appropriate operations center (FGOC or MGOC) as to where you can be contacted and arrange for any further coordination required.

Flight track distance table File: TKVAS6

N43

Flight track distance table File: TKVASS

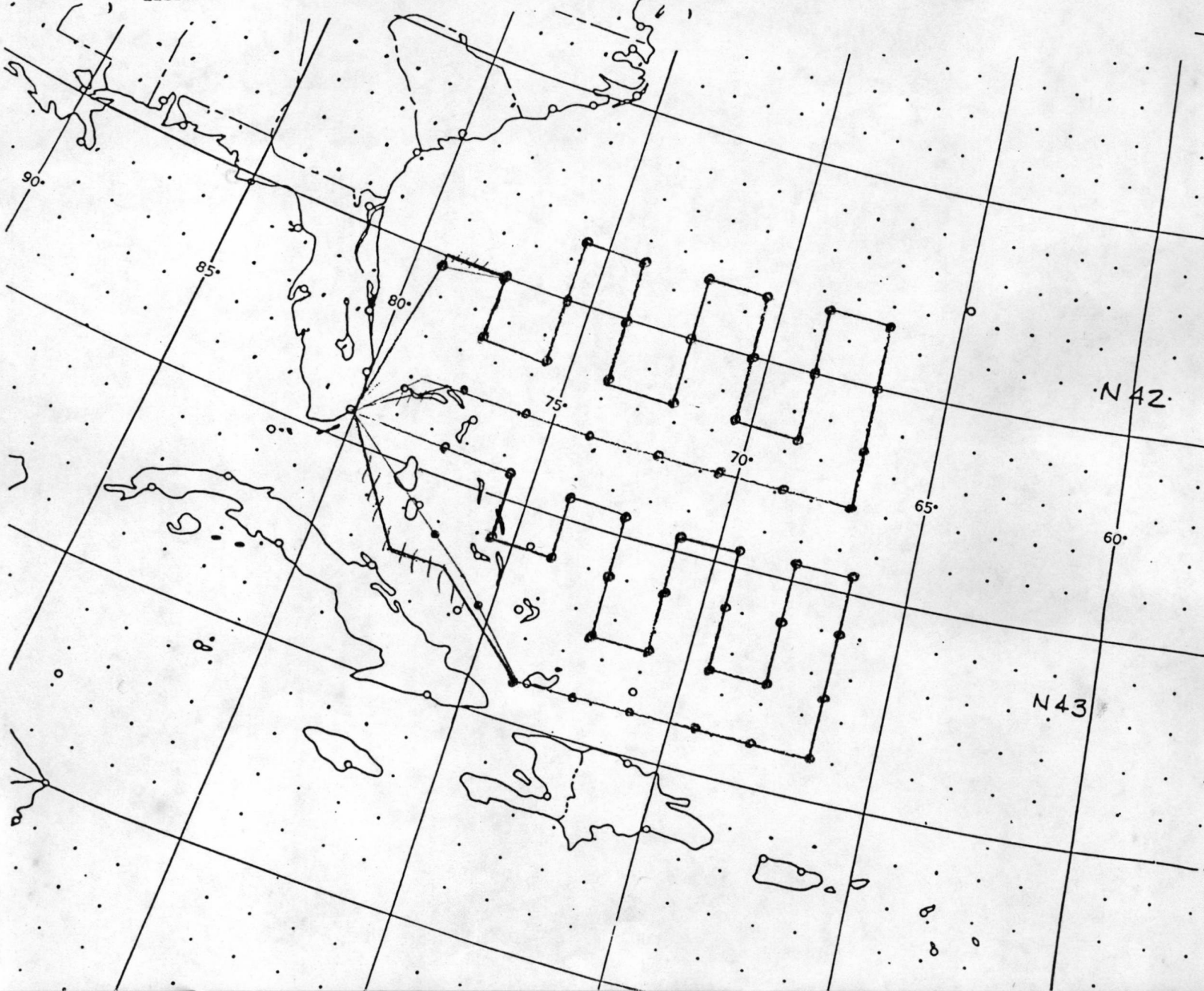
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3	23.00	76.50	83	282	1.0
4	21.00	74.00	184	465	1.6
5	21.00	66.50	420	886	3.1
6	25.50	66.50	270	1156	4.0
7	25.50	68.00	81	1237	4.3
8	22.50	68.00	180	1417	4.9
9	22.50	69.50	83	1501	5.2
10	25.50	69.50	180	1681	5.8
11	25.50	71.00	81	1762	6.1
12	22.50	71.00	180	1942	6.7
13	22.50	72.50	83	2025	7.0
14	25.50	72.50	180	2205	7.6
15	25.50	74.00	81	2287	7.9
16	24.00	74.00	90	2377	8.2
17	24.00	75.50	82	2459	8.5
18	25.50	75.50	90	2549	8.8
19	25.70	80.10	249	2799	9.7

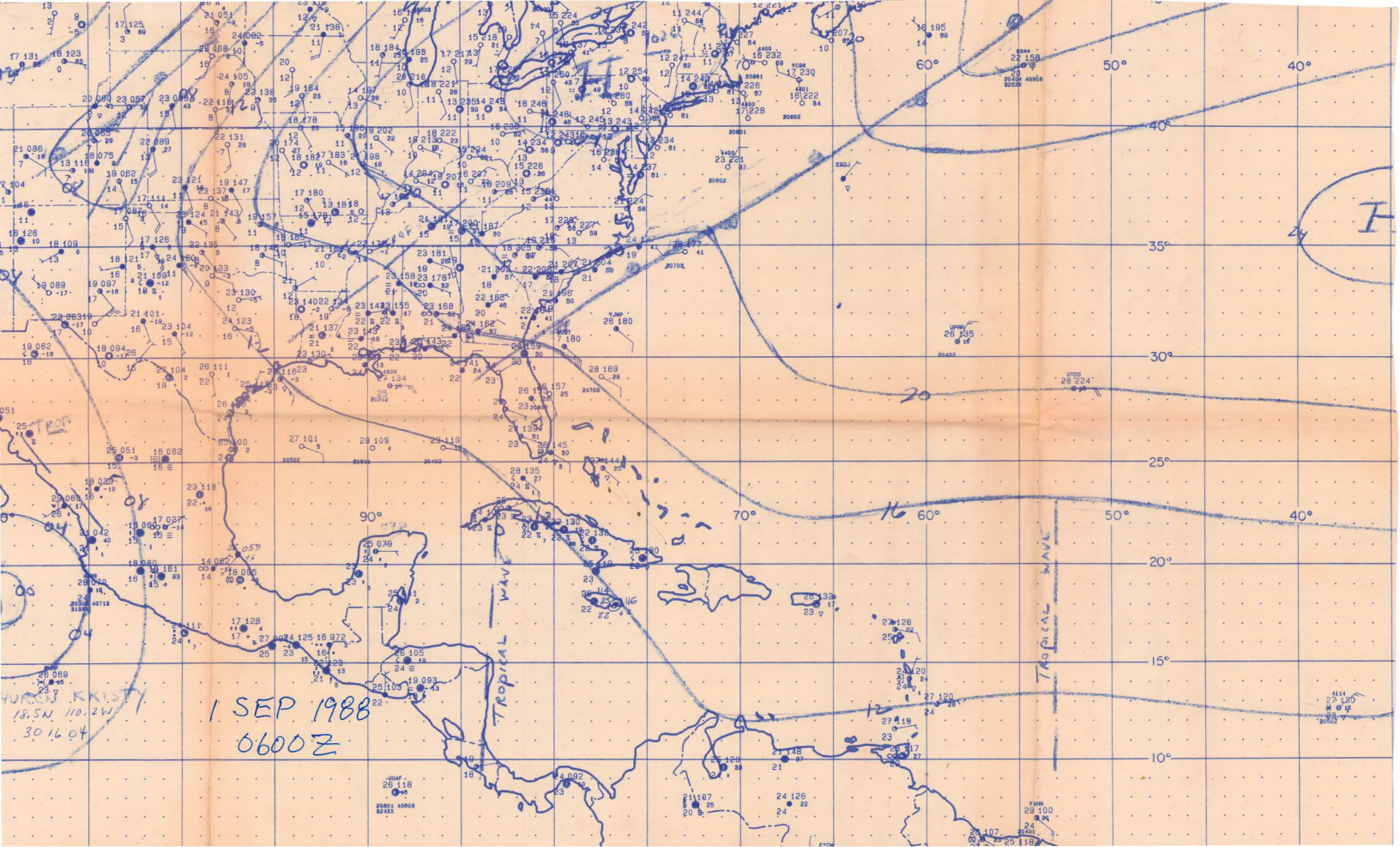
28  
ODW

N42

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3	27.00	67.00	588	726	2.5
4	31.50	67.00	270	996	3.4
5	31.50	68.75	90	1085	3.7
6	28.50	68.75	180	1265	4.4
7	28.50	70.50	92	1358	4.7
8	31.50	70.50	180	1538	5.3
9	31.50	72.25	90	1628	5.6
10	28.50	72.25	180	1808	6.2
11	28.50	74.00	92	1900	6.6
12	31.50	74.00	180	2080	7.2
13	31.50	75.75	90	2170	7.5
14	28.50	75.75	180	2350	8.1
15	28.50	77.50	92	2442	8.4
16	30.00	77.50	90	2532	8.7
17	30.00	79.25	91	2623	9.0
18	25.70	80.10	262	2885	9.9

28 ODW





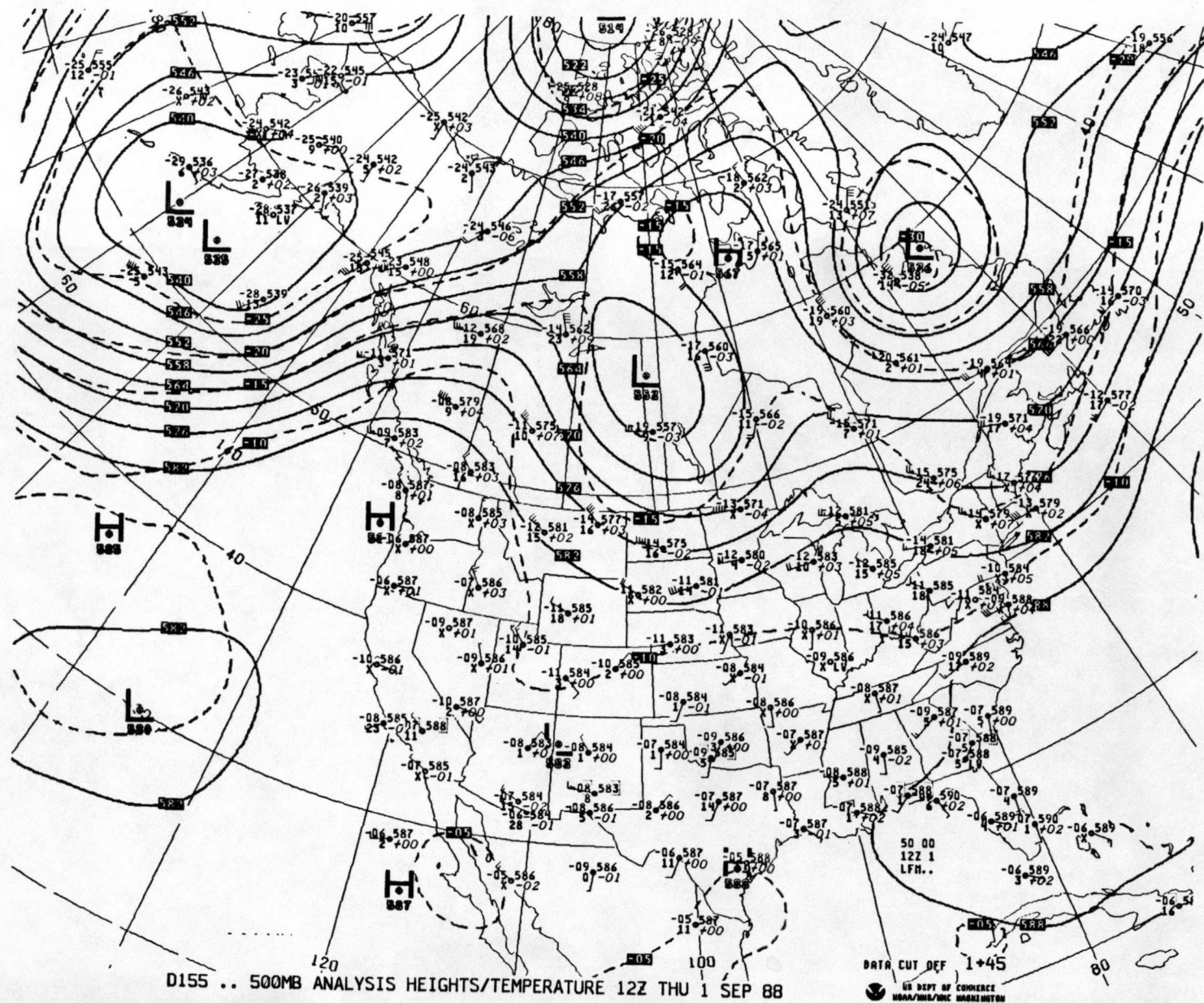
1 SEP 1988  
0600Z

18.5N 110.2W  
301604

TROPICAL WAVE

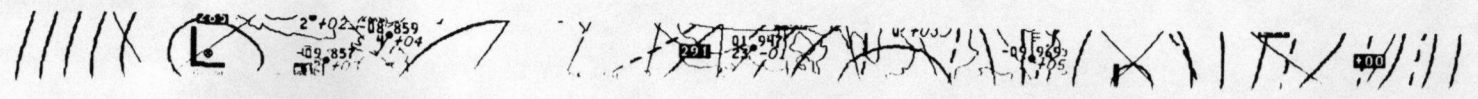
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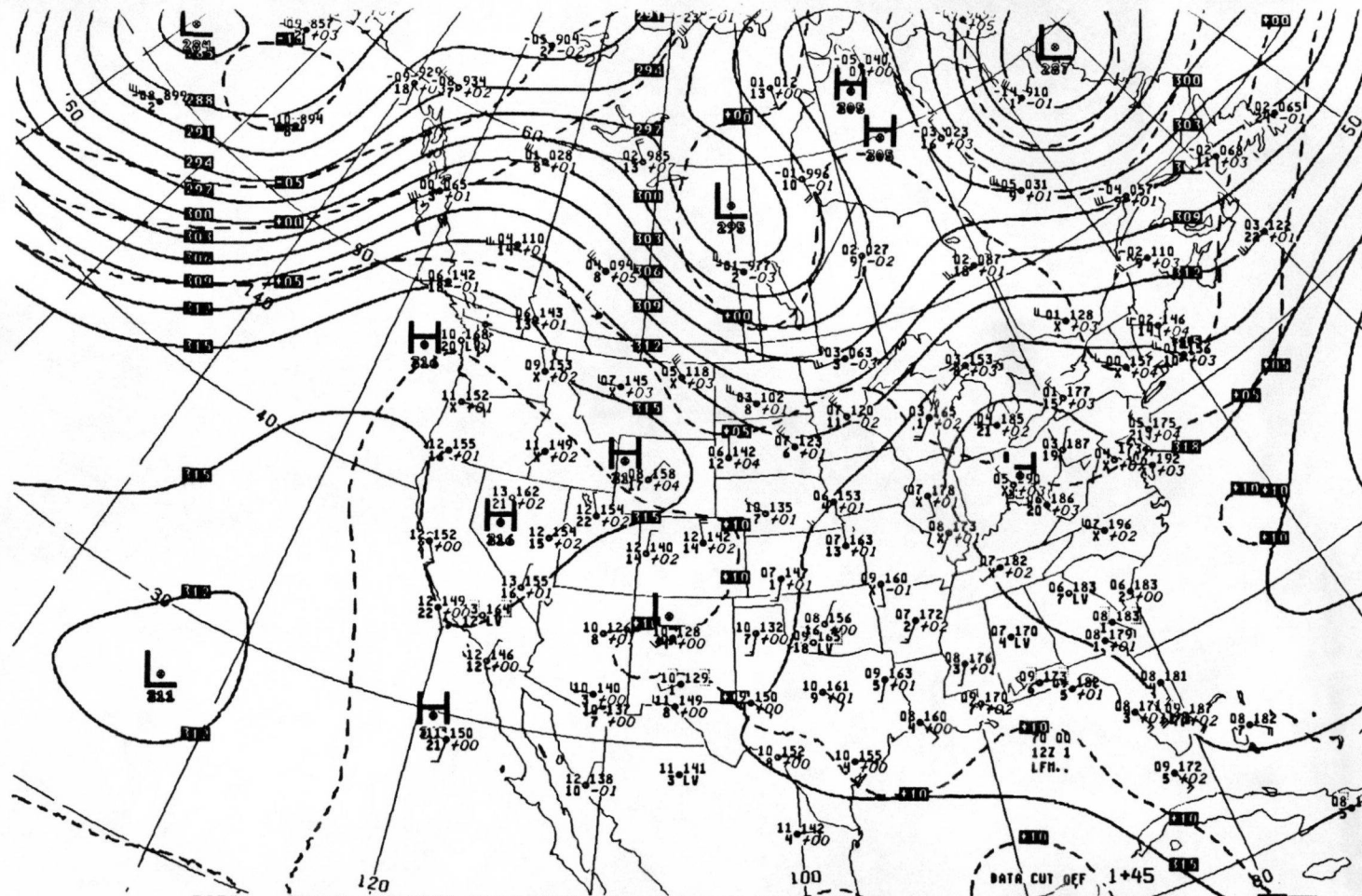
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D155 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 1 SEP 88

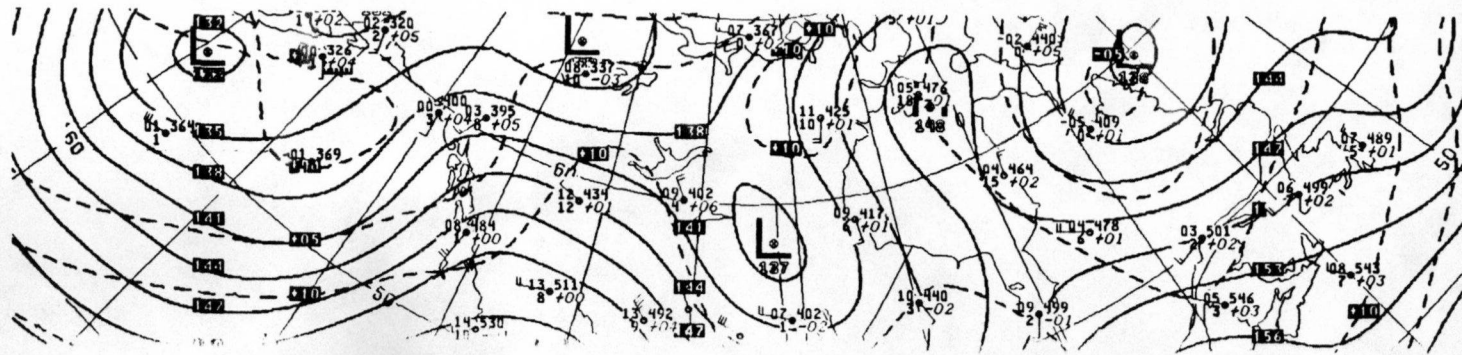
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 US DEPT OF COMMERCE  
 NOAA/NWS/NCM WASHINGTON

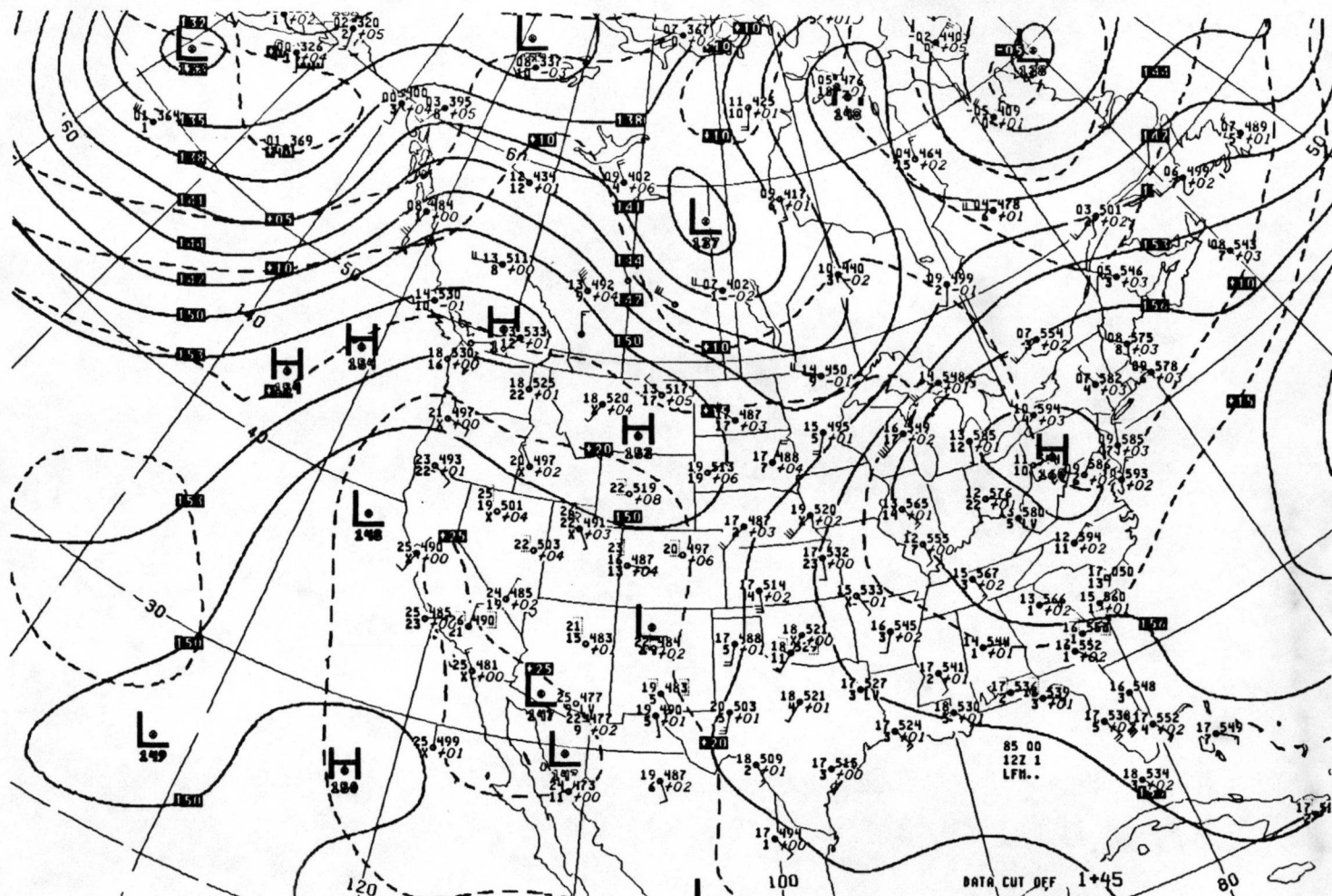




D278 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 1 SEP 88

US DEPT OF COMMERCE  
NOAA/NWS/NC Washington





D157 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 1 SEP 88

DATA CUT OFF 1+45  
 US DEPT OF COMMERCE  
 NOAA/NWS/NCM WASHINGTON