TROPICAL CYCLONE 18 - 08/30/0600Z TO 09/09/0000Z

I. DATA
   A. STATISTICS
      1. NUMBER OF WARNINGS ISSUED - 39
      2. NUMBER OF WARNINGS WITH TYPHOON INTENSITY - 24
      3. TOTAL DISTANCE TRAVELED DURING TROPICAL WARNING PERIOD - 2358 MI

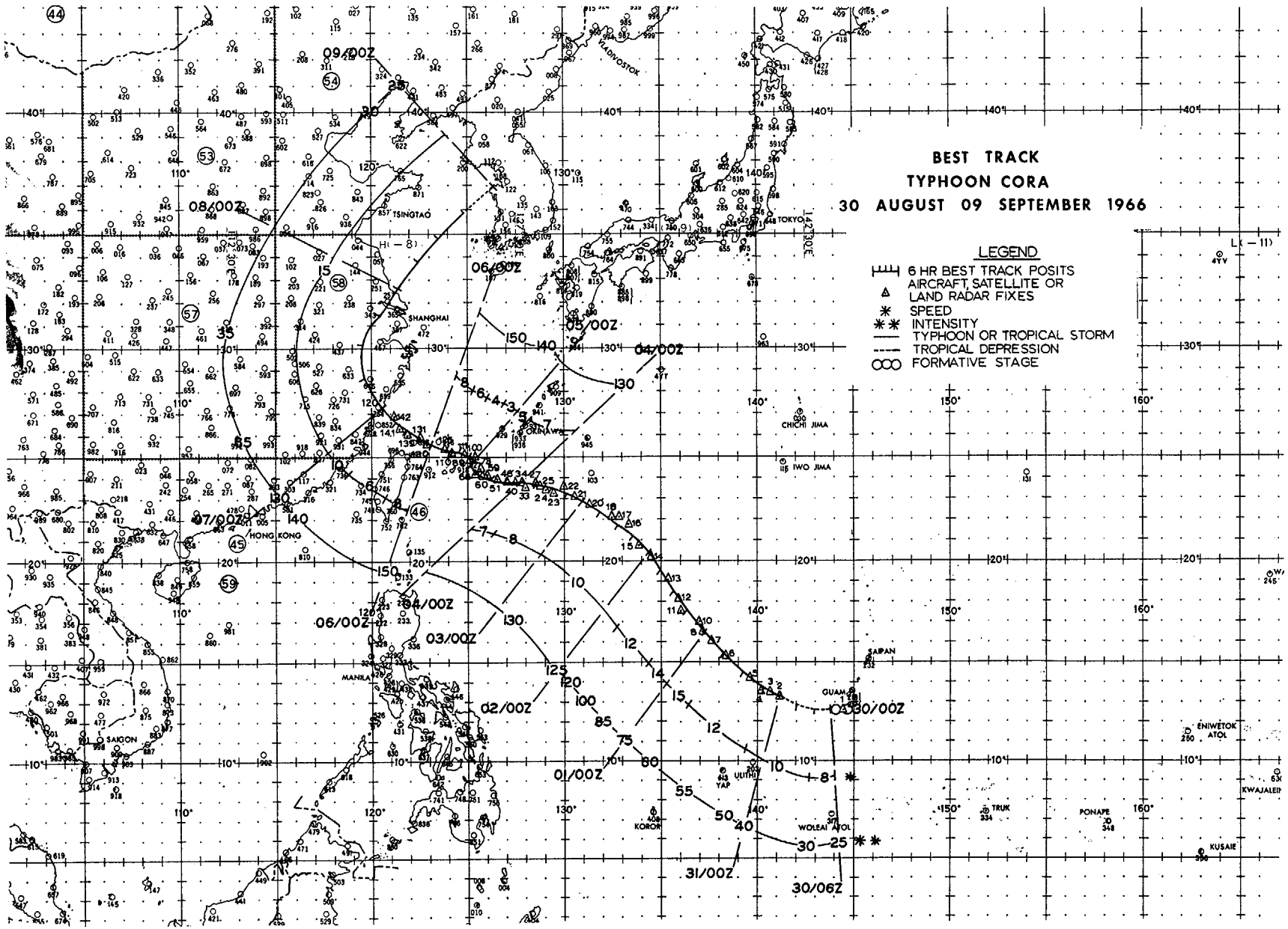
   B. CHARACTERISTICS AS A TYPHOON
      1. MINIMUM OBSERVED SLP - 917MBS AT 042200Z
      2. MINIMUM OBSERVED 700MB HEIGHT - 2353M. AT 042200Z
      3. MAXIMUM SURFACE WIND - 150 KTS (FROM BEST TRACK)
      4. MAXIMUM RADIUS OF SURFACE CIRCULATION - 600 MI

II. DEVELOPMENT
   A. INITIAL IMPETUS - UNSTABLE EASTERLY WAVE UNDER 200MB DIVERGENCE

   B. INITIAL SURFACE VORTEX
      1. JUNCTION VORTEX AT 300000Z
      2. SURFACE PRESSURE LESS THAN 1007MB

   C. 200MB FLOW ABOVE SURFACE VORTEX
      1. INITIAL - SOUTH
      2. UPON REACHING TYPHOON INTENSITY - ANTICYCLONIC

III. FINAL DISPOSITION - BECAME EXTRATROPICAL


BEST TRACK
TYPHOON CORA
30 AUGUST 09 SEPTEMBER 1966
LEGEND
6 HR BEST TRACK POSITS
AIRCRAFT, SATELLITE OR LAND RADAR FIXES
SPEED
INTENSITY
TYPHOON OR TROPICAL STORM
TROPICAL DEPRESSION
FORMATIVE STAGE
VLADIVOSTOK
TSINGTAO
SHANGHAI
TOKYO
OKINAWA
CHICHI JIMA
IWO JIMA
HONG KONG
MANILA
SAIGON
SAIPAN
GUAM
ULITHI
YAP
KOROR
WOLEAI ATOL
TRUK
PONAPE
KUSAIE
ENIWETOK ATOL
KWAJALEIN
09/00Z
08/00Z
07/00Z
06/00Z
05/00Z
04/00Z
03/00Z
02/00Z
01/00Z
31/00Z
30/00Z
30/06Z

EYE FIXES CYCLONE 18

FIX NO.	TIME	POSIT	UNIT-METHOD-ACCY	FLT LVL	FLT LVL WND	OBS SFC WND	OBS MIN SLP	MIN 700MB HGT	FLT LVL TT/TD	EYE FORM	ORIEN-TATION	EYE DIA	THKNS WALL CLOUD
1	300030Z	12.6N 144.5E	54-P-P--	0460M	---	020	003	---	--/--	----			--
2	302330Z	13.2N 141.1E	54-P-P--	0460M	045	040	997	---	--/--	CIRC	----	30	--
3	310300Z	13.5N 140.6E	54-P-P03	0460M	050	045	994	---	--/--	CIRC	----	30	F.B.
4	310730Z	13.6N 140.1E	VW-R-P10	0390M	---	---	---	---	--/--	----			--
5	310900Z	14.3N 139.6E	VW-P-P05	0280M	---	045	983	3040	18/11	CIRC	----	15	--
6	311750Z	15.3N 138.3E	VW-P-P10	700MB	050	---	990	2987	12/03	ELIP	NW-SE	36X25	03
7	312130Z	16.0N 137.6E	54-P-P02	700MB	050	050	974	2881	16/--	ELIP	NW-SE	30X15	--
8	312330Z	16.5N 137.1E	54-R-P--	700MB	---	---	---	---	--/--	----			--
9	010226Z	16.7N 137.0E	54-P-P01	700MB	065	060	965	2812	17/10	CIRC	----	25	10
10	010415Z	17.0N 137.0E	TIROS	STG X	DIA 04	BNDS 2							
11	010813Z	17.5N 136.0E	ACFT RDR		---	---	---	---	--/--	----			--
12	010857Z	18.1N 135.9E	VW-P-P02	0230M	055	125	951	---	--/--	CIRC	----	14	--
13	011500Z	19.1N 135.3E	VW-R-P06	700MB	078	---	---	---	--/--	CIRC	----	19	07
14	012130Z	20.2N 134.6E	54-P-P03	700MB	133	100	927	2448	21/--	CIRC	----	20	05
15	020300Z	20.8N 133.9E	54-P-P03	700MB	100	100	920	2457	16/--	CIRC	----	15	05
16	021000Z	21.8N 133.3E	VW-UNK15		---	---	---	---	--/--	----			--
17	021044Z	22.1N 132.9E	VW-R-P03	0490M	045	045	---	---	--/--	CIRC	----	16	08
18	021307Z	22.1N 132.5E	VW-UNK--		---	---	---	---	--/--	----			--
19	021430Z	22.2N 132.1E	VW-R-P02	700MB	045	---	---	---	--/--	CIRC	----	12	07
20	022100Z	22.8N 131.3E	54-P-P02	700MB	120	080	938	2548	17/--	CIRC	----	30	05
21	030210Z	23.1N 130.5E	54-P-P02	700MB	100	065	934	2512	19/--	CIRC	----	15	05
22	030444Z	23.5N 130.0E	TIROS	STG X	DIA 04	BNDS 4							
23	030907Z	23.3N 129.5E	VW-R-P05	0320M	---	090	---	---	--/--	CIRC	----	28	07
24	031400Z	23.8N 129.0E	VW-R-P05	3460M	045	---	---	---	--/--	CIRC	----	20	10

EYE FIXES CYCLONE 18

FIX NO.	TIME	POSIT	UNIT-METHOD-ACCY	FLT LVL	FLT LVL WND	OBS SFC WND	OBS MIN SLP	MIN 700MB HGT	FLT LVL TT/TD	EYE FORM	ORIEN-TATION	EYE DIA	THKNS WALL CLOUD
25	031434Z	23.5N 129.0E	LND RDR		---	---	---	---	--/--	----			--
26	031527Z	23.7N 128.8E	LND RDR		---	---	---	---	--/--	----			09
27	031615Z	23.7N 128.5E	LND RDR		---	---	---	---	--/--	CIRC	----	21	09
28	031729Z	23.7N 128.5E	LND RDR		---	---	---	---	--/--	CIRC	----	21	09
29	031801Z	23.7N 128.4E	LND RDR		---	---	---	---	--/--	----			--
30	031830Z	23.8N 128.3E	LND RDR		---	---	---	---	--/--	----			--
31	031858Z	23.8N 128.3E	LND RDR		---	---	---	---	--/--	----			--
32	031926Z	23.7N 128.3E	LND RDR		---	---	---	---	--/--	----			--
33	032000Z	23.6N 128.0E	LND RDR		---	---	---	---	--/--	----			--
34	032120Z	23.8N 127.9E	54-P-P03	700MB	060	120	924	2417	19/--	CIRC	----	28	05
35	032124Z	23.8N 128.1E	LND RDR		---	---	---	---	--/--	----			--
36	032200Z	23.8N 127.9E	LND RDR		---	---	---	---	--/--	----			--
37	032227Z	23.8N 127.8E	LND RDR		---	---	---	---	--/--	----			--
38	032258Z	23.8N 127.8E	LND RDR		---	---	---	---	--/--	CIRC	----	39	05
39	040032Z	23.0N 128.0E	TIROS	STG X	DIA 05		BNDS 4						
40	040058Z	23.8N 127.5E	LND RDR		---	---	---	---	--/--	CIRC	----	35	05
41	040205Z	23.8N 127.4E	54-P-P03	700MB	120	130	920	2371	18/--	CIRC	----	30	05
42	040225Z	23.8N 127.3E	LND RDR		---	---	---	---	--/--	CIRC	----	33	08
43	040225Z	23.8N 127.3E	LND RDR		---	---	---	---	--/--	CIRC	----	30	08
44	040256Z	23.8N 127.3E	LND RDR		---	---	---	---	--/--	CIRC	----	30	07
45	040300Z	23.9N 127.2E	LND RDR		---	---	---	---	--/--	----			--
46	040330Z	23.8N 127.0E	LND RDR		---	---	---	---	--/--	----			--
47	040355Z	23.8N 127.2E	LND RDR		---	---	---	---	--/--	CIRC	----	35	08
48	040500Z	23.9N 126.8E	LND RDR		---	---	---	---	--/--	----			--

EYE FIXES CYCLONE 18

FIX NO.	TIME	POSIT	UNIT-METHOD -ACCY	FLT LVL	FLT LVL WND	OBS SFC WND	OBS MIN SLP	MIN 700MB HGT	FLT LVL TT/TD	EYE FORM	ORIEN-TATION	EYE DIA	THKNS WALL CLOUD
49	040700Z	24.0N 126.6E	LND RDR		---	---	---	---	--/--	----			--
50	040720Z	24.0N 126.5E	LND RDR		---	---	---	---	--/--	----			--
51	040800Z	24.0N 126.4E	LND RDR		---	---	---	---	--/--	----			--
52	040830Z	24.0N 126.3E	LND RDR		---	---	---	---	--/--	----			--
53	040920Z	24.0N 126.3E	LND RDR		---	---	---	---	--/--	----			--
54	040925Z	23.9N 126.6E	VW-R-P02	0400M	070	085	---	---	--/--	CIRC	----	34	14
55	041000Z	24.1N 126.3E	LND RDR		---	---	---	---	--/--	----			--
56	041100Z	24.0N 126.2E	LND RDR		---	---	---	---	--/--	----			--
57	041200Z	24.0N 126.1E	LND RDR		---	---	---	---	--/--	----			--
58	041245Z	24.1N 126.2E	VW-R-F--		---	---	---	---	--/--	----			--
59	041300Z	24.1N 126.0E	LND RDR		---	---	---	---	--/--	----			--
60	041325Z	24.0N 125.8E	VW-R-P05	2770M	080	---	---	---	--/--	ELIP	NW-SE	35X32	07
61	041350Z	24.1N 125.7E	VW-R-F--		---	---	---	---	--/--	----			--
62	041400Z	24.1N 125.9E	LND RDR		---	---	---	---	--/--	----			--
63	041508Z	24.0N 125.9E	LND RDR		---	---	---	---	--/--	----			--
64	041530Z	24.2N 125.6E	LND RDR		---	---	---	---	--/--	----			--
65	041600Z	24.2N 125.7E	LND RDR		---	---	---	---	--/--	----			--
66	041700Z	24.2N 125.3E	LND RDR		---	---	---	---	--/--	----			--
67	041730Z	24.2N 125.9E	LND RDR		---	---	---	---	--/--	----			--
68	041800Z	24.2N 125.6E	LND RDR		---	---	---	---	--/--	----			--
69	041830Z	24.3N 125.7E	LND RDR		---	---	---	---	--/--	----			--
70	041900Z	24.2N 125.6E	LND RDR		---	---	---	---	--/--	----			--
71	041900Z	24.3N 125.7E	LND RDR		---	---	---	---	--/--	----			--
72	041929Z	24.4N 125.6E	LND RDR		---	---	---	---	--/--	----			--

EYE FIXES CYCLONE 18

FIX NO.	TIME	POSIT	UNIT-METHOD-ACCY	FLT LVL	FLT LVL WND	OBS SFC WND	OBS MIN SLP	MIN 700MB HGT	FLT LVL TT/TD	EYE FORM	ORIEN-TATION	EYE DIA	THKNS WALL CLOUD
73	042000Z	24.4N 125.6E	LND RDR		---	---	---	---	--/--	----			--
74	042000Z	24.3N 125.6E	LND RDR		---	---	---	---	--/--	----			--
75	042000Z	25.2N 125.5E	LND RDR		---	---	---	---	--/--	----			--
76	042026Z	24.4N 125.6E	LND RDR		---	---	---	---	--/--	----			06
77	042100Z	24.3N 125.6E	LND RDR		---	---	---	---	--/--	----			--
78	042100Z	24.4N 125.5E	LND RDR		---	---	---	---	--/--	----			--
79	042159Z	24.4N 125.1E	LND RDR		---	---	---	---	--/--	----			--
80	042200Z	24.6N 125.2E	54-P-P02	700MB	120	080	917	2353	16/--	ELIP	NW-SE	30X20	05
81	042215Z	24.5N 125.3E	LND RDR		---	---	---	---	--/--	CIRC	----	--	--
82	042227Z	24.4N 125.4E	LND RDR		---	---	---	---	--/--	----			--
83	042321Z	24.5N 125.3E	LND RDR		---	---	---	---	--/--	----			--
84	042325Z	24.4N 125.2E	LND RDR		---	---	---	---	--/--	----			--
85	050000Z	24.4N 125.2E	LND RDR		---	---	---	---	--/--	----			--
86	050028Z	24.4N 125.2E	LND RDR		---	---	---	---	--/--	----			--
87	050059Z	24.4N 125.2E	LND RDR		---	---	---	---	--/--	----			--
88	050110Z	24.7N 125.2E	LND RDR		---	---	---	---	--/--	----			--
89	050127Z	24.5N 125.2E	LND RDR		---	---	---	---	--/--	----			--
90	050200Z	24.8N 125.1E	54-P-P05	700MB	120	080	918	2377	16/--	ELIP	NE-SW	30X20	--
91	050200Z	24.8N 124.9E	LND RDR		---	---	---	---	--/--	----			--
92	050207Z	24.5N 125.2E	LND RDR		---	---	---	---	--/--	----			--
93	050225Z	24.6N 125.2E	LND RDR		---	---	---	---	--/--	----			--
94	050258Z	24.8N 125.3E	LND RDR		---	---	---	---	--/--	----			--
95	050300Z	24.8N 124.9E	LND RDR		---	---	---	---	--/--	----			--
96	050332Z	24.9N 125.3E	LND RDR		---	---	---	---	--/--	----			--

EYE FIXES CYCLONE 18

FIX NO.	TIME	POSIT	UNIT-METHOD -ACCY	FLT LVL	FLT LVL WND	OBS SFC WND	OBS MIN SLP	MIN 700MB HGT	FLT LVL TT/TD	EYE FORM	ORIEN-TATION	EYE DIA	THKNS WALL CLOUD
97	050340Z	24.6N 125.0E	LND RDR		---	---	---	---	--/--	----			--
98	050402Z	25.0N 125.3E	LND RDR		---	---	---	---	--/--	----			--
99	050430Z	24.8N 124.8E	LND RDR		---	---	---	---	--/--	----			--
100	050430Z	24.8N 124.7E	LND RDR		---	---	---	---	--/--	----			--
101	050431Z	25.0N 125.3E	LND RDR		---	---	---	---	--/--	----			--
102	050514Z	24.5N 124.5E	TIROS	STG X	DIA 04	BNDS 4							
103	050532Z	24.9N 125.1E	LND RDR		---	---	---	---	--/--	----			--
104	050600Z	24.9N 124.8E	LND RDR		---	---	---	---	--/--	----			--
105	050602Z	24.9N 125.2E	LND RDR		---	---	---	---	--/--	----			--
106	050720Z	25.0N 125.0E	LND RDR		---	---	---	---	--/--	----			--
107	050730Z	25.1N 124.6E	LND RDR		---	---	---	---	--/--	----			--
108	050800Z	24.9N 125.1E	LND RDR		---	---	---	---	--/--	----			--
109	050800Z	25.1N 124.6E	LND RDR		---	---	---	---	--/--	----			--
110	050824Z	25.1N 125.0E	LND RDR		---	---	---	---	--/--	----			--
111	050830Z	25.1N 124.1E	LND RDR		---	---	---	---	--/--	----			--
112	050840Z	25.1N 124.9E	VW-R-P10	0370M	---	---	---	---	--/--	----			--
113	050856Z	25.0N 125.0E	LND RDR		---	---	---	---	--/--	----			--
114	050900Z	25.0N 124.8E	VW-R-P01	0370M	035	055	---	---	--/--	ELIP	NW-SE	37X26	10
115	050900Z	25.2N 124.6E	LND RDR		---	---	---	---	--/--	----			28
116	050930Z	25.1N 124.6E	LND RDR		---	---	---	---	--/--	----			--
117	051000Z	25.2N 124.6E	LND RDR		---	---	---	---	--/--	----			--
118	051020Z	25.2N 124.7E	LND RDR		---	---	---	---	--/--	----			--
119	051100Z	25.1N 124.6E	VW-P-P--	700MB	---	---	---	---	--/--	----			--
120	051100Z	25.2N 124.5E	LND RDR		---	---	---	---	--/--	----			--

EYE FIXES CYCLONE 18

FIX NO.	TIME	POSIT	UNIT-METHOD-ACCY	FLT LVL	FLT LVL WND	OBS SFC WND	OBS MIN SLP	MIN 700MB HGT	FLT LVL TT/TD	EYE FORM	ORIEN-TATION	EYE DIA	THKNS WALL CLOUD
121	051200Z	25.3N 124.4E	LND RDR		---	---	---	---	--/--	----			--
122	051400Z	25.2N 124.2E	VW-R-P01	700MB	---	---	---	---	--/--	ELIP	NW-SE	40X28	05
123	051630Z	25.3N 124.2E	LND RDR		---	---	---	---	--/--	----			--
124	051651Z	25.2N 123.9E	LND RDR		---	---	---	---	--/--	----			--
125	051730Z	25.2N 123.8E	LND RDR		---	---	---	---	--/--	----			--
126	051753Z	25.4N 123.8E	LND RDR		---	---	---	---	--/--	----			--
127	051800Z	25.4N 123.9E	LND RDR		---	---	---	---	--/--	----			--
128	052134Z	25.5N 123.6E	54-P-P03	0300M	086	---	936	2551	16/--	ELIP	NE-SW	35X20	20
129	060202Z	25.6N 122.9E	54-P-P02	700MB	100	070	936	2548	19/--	ELIP	N-S	30X25	15
130	060425Z	25.6N 122.9E	LND RDR		---	---	---	---	--/--	----			--
131	060600Z	25.9N 122.5E	LND RDR		---	---	---	---	--/--	----			--
132	060700Z	25.9N 122.4E	LND RDR		---	---	---	---	--/--	----			--
133	060755Z	26.1N 122.4E	VW-R-P05		---	---	---	---	--/--	----			--
134	060825Z	26.2N 122.3E	VW-R-P05	0660M	035	035	---	---	--/--	ELIP	N-S	36X30	--
135	060840Z	26.0N 122.1E	LND RDR		---	---	---	---	--/--	----			--
136	060840Z	26.0N 122.2E	LND RDR		---	---	---	---	--/--	----			--
137	060940Z	26.0N 122.0E	LND RDR		---	---	---	---	--/--	----			--
138	061040Z	26.0N 122.0E	LND RDR		---	---	---	---	--/--	----			--
139	061100Z	26.2N 121.9E	VW-UNK--	700MB	---	---	---	---	--/--	----			--
140	061100Z	26.0N 121.9E	LND RDR		---	---	---	---	--/--	----			--
141	061430Z	26.3N 121.4E	VW-R-P05	700MB	---	---	---	---	--/--	ELIP	N-S	--X--	--
142	062122Z	26.8N 121.1E	54-R-P02	700MB	085	040	---	---	--/--	CIRC	----	20	--

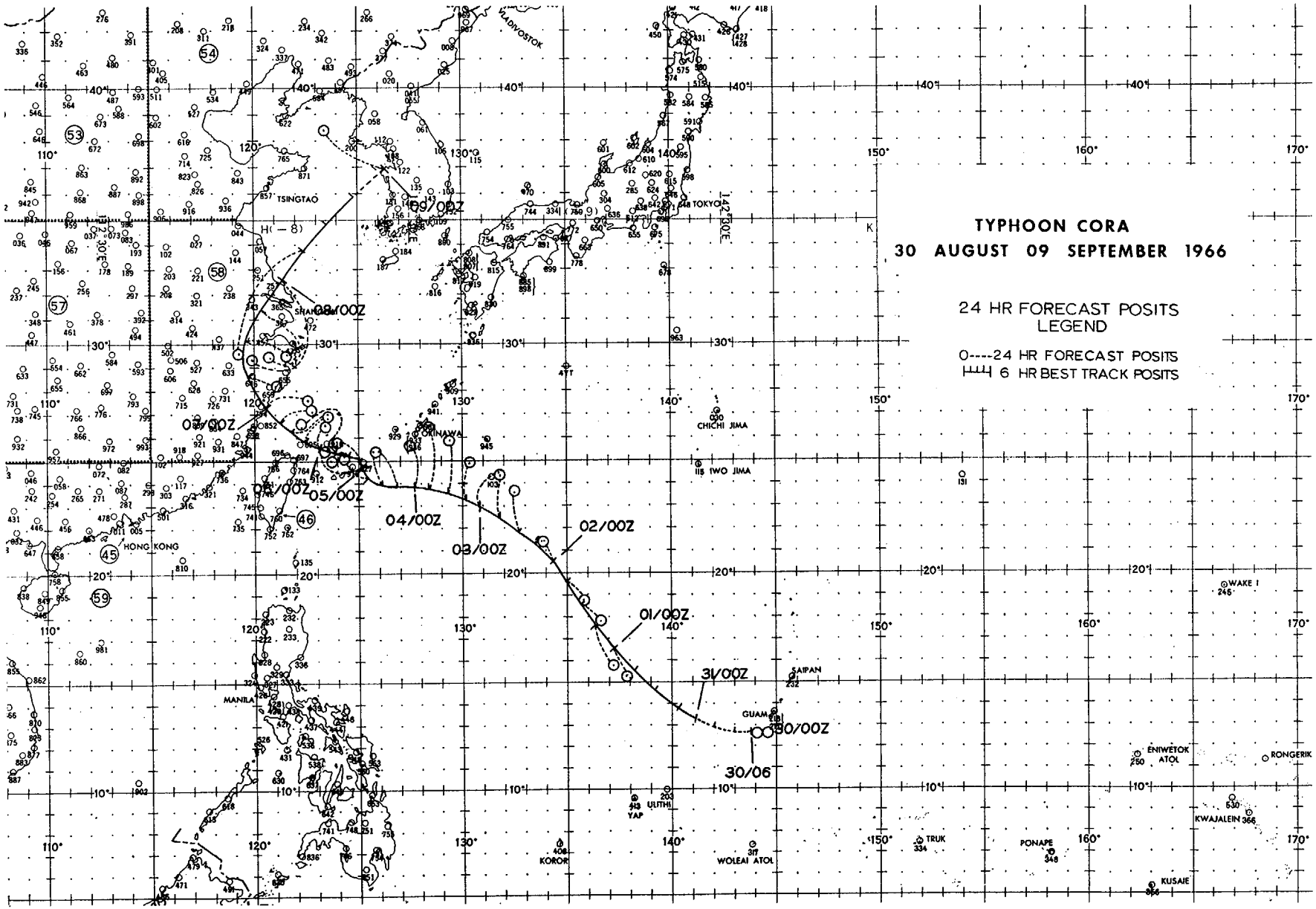
TROPICAL CYCLONE 18 - 08/30/0600Z TO 09/09/0000Z
POSITION AND FORECAST VERIFICATION DATA

DTG	STORM POSITION LAT.	LONG.	24 HR. ERROR DEG. DIST.	48 HR. ERROR DEG. DIST.	72 HR. ERROR DEG. DIST.
310000Z	13.2N	141.1E	--------	--------	--------
310600Z	13.8N	140.2E	075-0108	--------	--------
311200Z	14.6N	139.2E	059-0126	--------	--------
311800Z	15.4N	138.2E	067-0162	--------	--------
010000Z	16.5N	137.2E	160-0084	--------	--------
010600Z	17.6N	136.3E	157-0120	--------	--------
011200Z	18.6N	135.7E	142-0066	--------	--------
011800Z	19.6N	135.0E	146-0060	--------	--------
020000Z	20.4N	134.3E	341-0054	161-0168	--------
020600Z	21.2N	133.6E	064-0012	160-0174	--------
021200Z	21.8N	132.8E	353-0102	090-0054	--------
021800Z	22.5N	131.9E	360-0114	072-0072	--------
030000Z	22.9N	130.9E	024-0102	026-0192	--------
030600Z	23.2N	130.1E	007-0102	026-0138	129-0168
031200Z	23.5N	129.3E	000-0144	358-0282	--------
031800Z	23.7N	128.4E	000-0162	003-0336	050-0288
040000Z	23.8N	127.7E	349-0102	014-0276	--------
040600Z	23.8N	126.9E	333-0102	003-0270	018-0330
041200Z	23.9N	126.1E	345-0090	001-0354	--------
041800Z	24.2N	125.4E	314-0084	004-0384	017-0558
050000Z	24.7N	125.1E	295-0096	311-0150	--------
050600Z	25.0N	125.0E	303-0060	290-0186	009-0468
051200Z	25.1N	124.5E	262-0042	293-0174	--------
051800Z	25.2N	123.9E	306-0120	290-0204	021-0630
060000Z	25.5N	123.1E	013-0054	287-0216	--------
060600Z	25.9N	122.3E	046-0084	330-0120	--------
061200Z	26.2N	121.8E	061-0096	336-0114	--------
061800Z	26.6N	121.3E	073-0078	334-0204	--------
070000Z	27.3N	120.5E	087-0102	049-0198	--------
070600Z	28.6N	119.6E	108-0072	073-0216	--------
071200Z	30.1N	119.4E	108-0108	094-0222	--------
071800Z	31.4N	120.3E	168-0120	121-0180	--------
080000Z	32.6N	121.3E	198-0210	120-0174	--------
080600Z	33.7N	122.4E	212-0288	157-0138	092-0258

TROPICAL CYCLONE 18 - 08/30/0600Z TO 09/09/0000Z
POSITION AND FORECAST VERIFICATION DATA (CONT)

DTG	STORM POSITION LAT.	LONG.	24 HR. ERROR DEG.	DIST.	48 HR. ERROR DEG.	DIST.	72 HR. ERROR DEG.	DIST.
0812000Z	34.9N	123.5E	--------		128	0162	--------	

AVERAGE 24 HOUR ERROR - 0103 MI.
AVERAGE 48 HOUR ERROR - 0198 MI.
AVERAGE 72 HOUR ERROR - 0385 MI.


TYPHOON CORA
30 AUGUST 09 SEPTEMBER 1966
24 HR FORECAST POSITS
LEGEND
0----24 HR FORECAST POSITS
6 HR BEST TRACK POSITS
09/00Z
08/00Z
07/00Z
06/00Z
05/00Z
04/00Z
03/00Z
02/00Z
01/00Z
31/00Z
30/00Z
30/06
TSINGTAO
TOKYO
OKINAWA
CHICHI JIMA
IWO JIMA
HONG KONG
MANILA
GUAM
SAIPAN
WAKE I
ENIWETOK ATOL
RONGERIK
KWAJALEIN
TRUK
PONAPE
KUSAIE
WOLEAI ATOL
KOROR
ULITHI
YAP
VLADIVOSTOK