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U.S. Weather Bureau.

Hurricane Dot, August 1-7, 1959.

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U. S. DEPARTMENT OF COMMERCE

Frederick H. Mueller, Secretary

U.S. WEATHER BUREAU

F. W. Reichelderfer, Chief

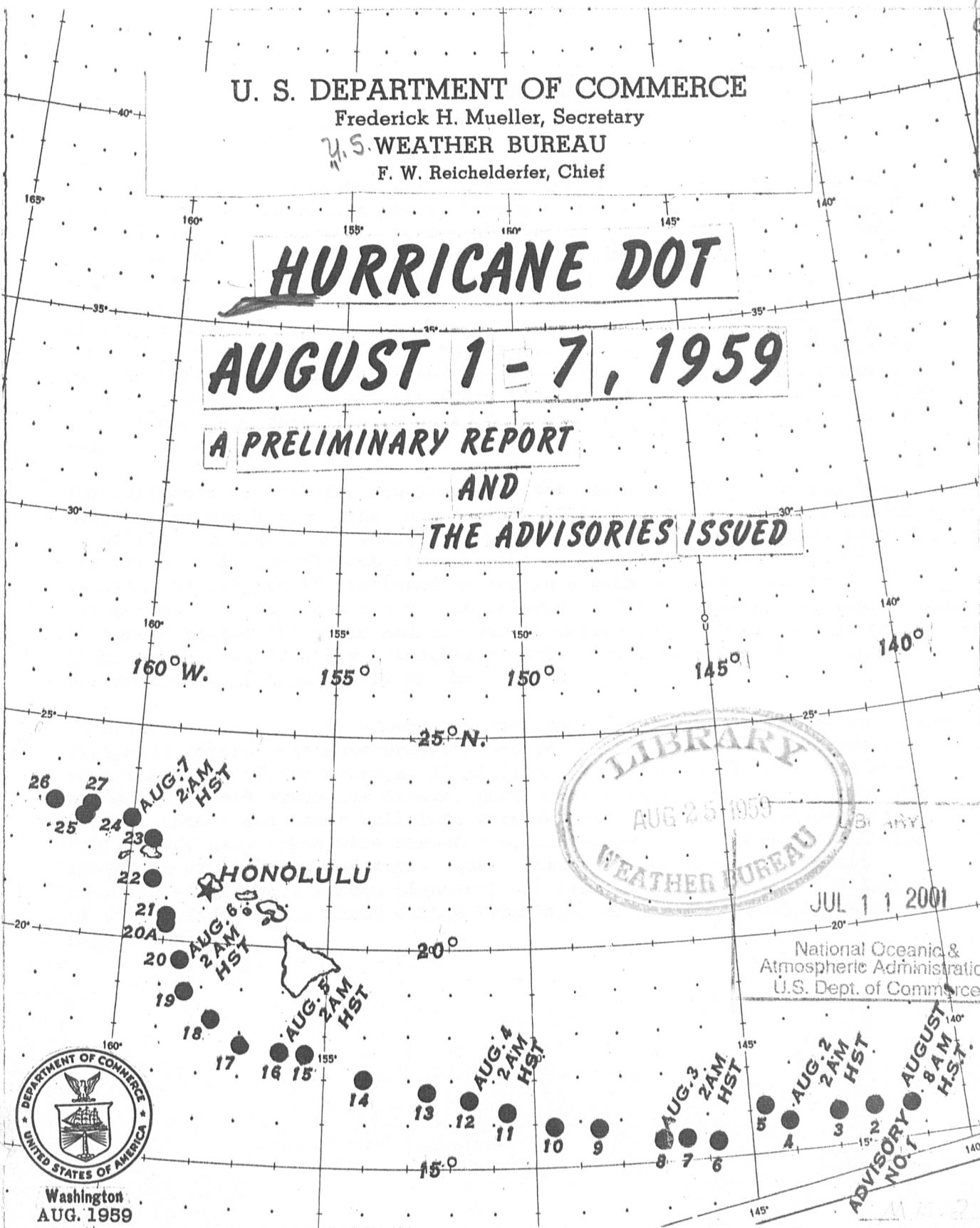
HURRICANE DOT

AUGUST 1 - 7, 1959

A PRELIMINARY REPORT

AND

THE ADVISORIES ISSUED



Washington
AUG. 1959



JUL 11 2001
National Oceanic & Atmospheric Administration
U.S. Dept. of Commerce

ADVISORY NO. 1
AUGUST 8 AM H.S.T.

National Oceanic and Atmospheric Administration Weather Bureau Hurricane Series

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PRELIMINARY REPORT ON HURRICANE "DOT"
AUGUST 1-7, 1959

Hurricane "Dot", one of the most violent tropical cyclones to affect the Hawaiian Islands in recent years, formed in the southeastern North Pacific between Mexico and Hawaii. It was discovered approximately 1200 statute miles east-southeast of Honolulu by the SS Sonoma on August 1, 1959. A plane of the U. S. Air Force 55th Reconnaissance Squadron penetrated the hurricane on August 2 and found winds of 120 knots near the center. Thereafter, as the hurricane moved toward Hawaii, the Air Force continued to track it and made three "fixes" on its location each day. This excellent reconnaissance coverage permitted the Weather Bureau's Hurricane Warning Center at Honolulu to chart the storm through the ocean area east of Hawaii where there were virtually no other data available and to warn the Islands well in advance.

The hurricane skirted the south-side of the Island of Hawaii during the night of August 4-5, moving on a course slightly north of west and attended by gales, high surf, and moderately heavy rain on the southeastern side of the Island. At its closest approach the center was 90 miles south of Hawaii. On the 5th it continued moving in a general west northwest direction, well to the south of the Islands of Maui, Lanai and Molokai. Then it turned toward the north and the center passed about 75 miles west of Oahu, then moved directly across Kauai the evening of August 6 and out to sea northwest of Kauai early on the 7th.

No deaths or injuries have been reported as a direct result of the hurricane. Newspaper reports estimate property losses on the Island of Kauai, which bore the brunt of the storm, at \$6 million. Surf, local flooding and high winds all caused extensive damage, particularly on the eastern half of the Island. Homes and other buildings were damaged, hundreds of trees were blown down, many roads were washed out, and there were severe agricultural losses in fruit trees and sugar cane. Losses on the Island of Hawaii resulted almost wholly from high surf and from local flooding. The Island of Oahu suffered only minor damage from high surf, local flooding, and high winds.

AUGUST 1 1959 1100 AM HST
ADVISORY NUMBER 1 TROPICAL STORM DOT
U. S. WEATHER BUREAU HONOLULU

TROPICAL STORM DOT ESTIMATED 15.7 NORTH 141.2 WEST AT 011800Z.
POSITION FAIR BASED ON REPORTS FROM SHIP SONOMA. MAXIMUM WIND ESTIMATED 60 KNOTS OVER SMALL AREA NEAR CENTER. RADIUS 50 KNOT WINDS 50 MILES. RADIUS 30 KNOT WINDS 100 MILES. FORECAST MOVEMENT 270 DEGREES 9 KNOTS. FORECAST POSITION 15.7 NORTH 143.2 WEST AT 020600Z. 15.7 NORTH 145.2 WEST AT 021800Z. LITTLE CHANGE IN INTENSITY. 48 HOUR OUTLOOK STORM CONTINUING WEST AT 9 KNOTS. LITTLE CHANGE IN INTENSITY. RECONNAISSANCE WILL BE REQUESTED. NEXT BULLETIN WILL BE ISSUED 020300Z BY U. S. WEATHER BUREAU HONOLULU.

AUGUST 1 1959 5 PM HST
ADVISORY NUMBER 2 HURRICANE DOT
U.S. WEATHER BUREAU HONOLULU

HURRICANE DOT ESTIMATED 15.8 NORTH 142.0 WEST 002000Z.
POSITION FAIR BASED ON REPORTS FROM SHIP SONOMA. MAXIMUM WIND 90 KNOTS IN SMALL AREA NEAR CENTER. RADIUS OF 50 KNOT WINDS 50 MILES. RADIUS OF 30 KNOT WINDS 100 MILES. FORECAST MOVEMENT NEXT TWENTY FOUR HOURS 290 DEGREES 9 KNOTS. FORECAST POSITION 16.1 NORTH 143.7 WEST WITH MAXIMUM WINDS 85 KNOTS AT 021200Z AND 16.5 NORTH 145.4 WEST WITH MAXIMUM WINDS 75 KNOTS AT 030000Z. 48 HOUR OUTLOOK STORM CURVING TO NORTHWEST AND DECREASING IN INTENSITY BETWEEN 030000Z AND 040000Z. RECON LARK CYCLONE WILL DEPART MCCLELLAN AND WILL REACH STORM AREA APPROXIMATELY 022200Z. NEXT ADVISORY WILL BE ISSUED BY U. S. WEATHER BUREAU HONOLULU AT 020900Z.
RUSH WEATHER BUREAU

AUGUST 1 1959 11 PM HST
ADVISORY NUMBER 3 HURRICANE DOT
U. S. WEATHER BUREAU HONOLULU

HURRICANE DOT ESTIMATED 15.7 NORTH 142.9 WEST AT 020600Z. POSITION FAIR BASED ON REPORTS FROM SHIP SONOMA AND EXTRAPOLATION. MAXIMUM WINDS NEAR 90 KNOTS IN SMALL AREA NEAR CENTER. RADIUS OF 50 KNOT WINDS 60 MILES. RADIUS OF 30 KNOT WINDS 120 MILES. FORECAST MOVEMENT 260 DEGREES 10 KNOTS. FORECAST POSITION 15.6 NORTH 144.9 WEST WITH MAXIMUM WINDS 80 KNOTS AT 021800Z AND 15.5 NORTH 146.9 WEST WITH MAXIMUM WINDS 70 KNOTS AT 030600Z. 48 HOUR OUTLOOK CONTINUED WESTWARD TO WEST SOUTHWESTWARD MOVEMENT AT 10 KNOTS WITH SLOW DECREASE IN INTENSITY. RECON LARK CYCLONE WILL DEPART MCCLELLAN AND WILL REACH STORM AREA APPROXIMATELY 022200Z. NEXT ADVISORY WILL BE ISSUED BY U.S. WEATHER BUREAU HONOLULU AT 021500Z.
RUSH WEATHER BUREAU.

AUGUST 2 1959 5 AM HST
ADVISORY NUMBER 4 HURRICANE DOT
U. S. WEATHER BUREAU HONOLULU

HURRICANE DOT ESTIMATED 15.6 NORTH 144.0 WEST AT 021200Z. POSITION POOR BASED ON REPORTS FROM SHIP SONOMA AND EXTRAPOLATION. MAXIMUM WINDS NEAR 85 KNOTS IN SMALL AREA NEAR CENTER. RADIUS OF 50 KNOT WINDS 60 MILES. RADIUS OF 30 KNOT WINDS 150 MILES. FORECAST MOVEMENT 260 DEGREES 10 KNOTS. FORECAST POSITION 15.5 NORTH 146.0 WEST AT 030000Z WITH MAXIMUM WINDS 80 KNOTS AND 15.4 NORTH 148.0 WEST AT 031200Z WITH MAXIMUM WINDS 75 KNOTS. 48 HOUR OUTLOOK CONTINUED WESTWARD MOVEMENT AT 10 KNOTS WITH SLOW DECREASE IN INTENSITY. RECON LARK CYCLONE FROM MCCLELLAN AFB WILL REACH STORM AREA APPROXIMATELY 022200Z. NEXT ADVISORY WILL BE ISSUED BY U. S. WEATHER BUREAU HONOLULU AT 122100Z.
FOLLANSBEE WEATHER BUREAU.

AUGUST 2 1959 5 AM HST
ADVISORY NUMBER 4 HURRICANE DOT AMENDED

RECON LARK CYCLONE WILL NOT DEPART MCCLELLAN AFB TO RECONNOITRE STORM. INSTEAD RECON LARK KILO WILL DEPART HICKAM AFB AT 021645Z AND WILL REACH STORM AREA APPROXIMATELY 022200Z.
FOLLANSBEE WEATHER BUREAU.

AUGUST 2 1959 11 AM HST
ADVISORY NUMBER 5 HURRICANE DOT
U. S. WEATHER BUREAU HONOLULU

HURRICANE DOT ESTIMATED 16.0 NORTH 144.5 WEST AT 021800Z. 800 MILES WEST SOUTHWEST OF HONOLULU. POSITION POOR BASED ON EXTRAPOLATION. MAXIMUM WINDS 75 KNOTS OVER SMALL AREA NEAR CENTER. RADIUS 50 KNOT WINDS 60 MILES. RADIUS OF 30 KNOT WINDS 150 MILES. FORECAST MOVEMENT 270 DEGREES 7 KNOTS BUT MOVEMENT UNCERTAIN DUE LACK OF REPORTS. FORECAST POSITIONS 16.0 NORTH 146.0 WEST AT 030600Z 16.0 NORTH 147.5 WEST AT 031800Z. SLOW DECREASE IN INTENSITY FORECAST. MAXIMUM WINDS 65 KNOTS AT 031800Z. 48 HOUR OUTLOOK CONTINUED WESTWARD MOVEMENT 7 KNOTS AND FURTHER SLOW WEAKENING. RECON LOON DOT WILL MAKE FIX ABOUT 022200Z. NEXT ADVISORY WILL BE ISSUED 030300Z BY U. S. WEATHER BUREAU HONOLULU.
SHIDELER WEATHER BUREAU

AUGUST 2 1959 11 AM HST CORRECTION
ADVISORY NUMBER 5 HURRICANE DOT
U. S. WEATHER BUREAU HONOLULU

HURRICANE DOT ESTIMATED 16.0 NORTH 144.5 WEST AT 021800Z. 800 MILES EAST SOUTHEAST OF HONOLULU. REMAINDER BULLETIN UNCHANGED. CORRECTION IS TO DIRECTION OF THE STORM FROM HONOLULU.

AUGUST 2 1959 5 PM HST
ADVISORY NUMBER 6 HURRICANE DOT
U. S. WEATHER BUREAU HONOLULU

HURRICANE DOT ESTIMATED 15.3 NORTH 145.8 WEST AT 030000Z. POSITION FAIR BASED ON 022102Z RECON FIX AT 15.2 NORTH 145.5 WEST AND 022255Z RECON FIX 15.4 NORTH 145.6 WEST. MAXIMUM WINDS 120 KNOTS IN SMALL AREA NEAR CENTER. RADIUS OF 50 KNOT WINDS 75 MILES. RADIUS OF 30 KNOT WINDS 175 MILES. FORECAST MOVEMENT 270 DEGREES 9 KNOTS. FORECAST POSITION 15.3 NORTH 147.6 WEST WITH MAXIMUM WINDS 100 KNOTS AT 031200Z AND 15.3 NORTH 149.4 WEST WITH MAXIMUM WINDS 100 KNOTS AT 040000Z. 48 HOUR OUTLOOK CONTINUED WESTWARD MOVEMENT WITH SLOW DECREASE IN INTENSITY. RECON LOON DOT WILL DEPART HICKAM 031230Z FOR FIXES AT 031700Z AND 032200Z. RECON LARK DOT WILL DEPART MCCLELLAN 031830 FOR FIX AT 040300Z. NEXT ADVISORY WILL BE ISSUED BY U. S. WEATHER BUREAU HONOLULU AT 030900Z.
RUSH WEATHER BUREAU.

AUGUST 2 1959 11 PM HST
ADVISORY NUMBER 7 HURRICANE DOT
U. S. WEATHER BUREAU HONOLULU

HURRICANE DOT ESTIMATED 15.3 NORTH 146.3 WEST AT 030600Z. POSITION POOR BASED ON EXTRAPOLATION. MAXIMUM WINDS 120 KNOTS WITH RADIUS OF 100 KNOT WINDS TO 40 MILES IN NORTHWEST QUADRANT AND TO TEN MILES IN OTHER QUADRANTS. RADIUS OF 50 KNOT WINDS 120 MILES. RADIUS OF 30 KNOT WINDS 200 MILES. FORECAST MOVEMENT 270 DEGREES 7 KNOTS. FORECAST POSITION 15.3 NORTH 147.7 WEST WITH MAXIMUM WINDS 105 KNOTS AT 031800Z AND 15.3 NORTH 149.1 WITH MAXIMUM WINDS 95 KNOTS AT 040600Z. 48 HOUR OUTLOOK CONTINUED WESTWARD MOVEMENT AT 7 KNOTS AND SLOW DECREASE IN INTENSITY. RECON LOON DOT WILL DEPART HICKAM AT 031230Z FOR FIXES AT 031700Z AND 032200Z. RECON LARK DOT WILL DEPART MCCLELLAN AT 031830Z FOR FIX AT 040300Z. NEXT ADVISORY WILL BE ISSUED BY U. S. WEATHER BUREAU HONOLULU AT 031500Z.
RUSH WEATHER BUREAU.

AUGUST 3 1959 5 AM HST
ADVISORY NUMBER 8 HURRICANE DOT
U. S. WEATHER BUREAU HONOLULU

HURRICANE DOT ESTIMATED 15.3 NORTH 147.0 WEST AT 031200Z. POSITION POOR BASED ON EXTRAPOLATION. MAXIMUM WINDS 115 KNOTS. RADIUS OF 100 KNOT WINDS 40 MILES IN NORTHWEST QUADRANT AND 20 MILES IN OTHER QUADRANTS. RADIUS OF 50 KNOT WINDS 120 MILES. RADIUS OF 30 KNOT WINDS 200 MILES. FORECAST MOVEMENT 270 DEGREES AT 7 KNOTS. FORECAST POSITION 15.3 NORTH 148.4 WEST AT 040000Z AND 15.3 NORTH 149.8 WEST AT 041200Z WITH MAXIMUM WINDS NEAR CENTER 115 KNOTS. 48 HOUR OUTLOOK CONTINUED WESTWARD MOVEMENT AT 7 KNOTS WITH LITTLE CHANGE IN INTENSITY. RECON LOON DOT DEPARTED HICKAM AT 031230Z FOR FIXES AT 031700Z AND 032200Z. RECON LARK DOT WILL DEPART MCCLELLAN AT 031830Z FOR FIX AT 040300Z. NEXT ADVISORY WILL BE ISSUED BY U. S. WEATHER BUREAU HONOLULU AT 032100Z.
FOLLANSBEE WEATHER BUREAU

AUGUST 3 1959 11 AM HST
ADVISORY NUMBER 9 HURRICANE DOT
U. S. WEATHER BUREAU HONOLULU

HURRICANE DOT ESTIMATED 15.8 NORTH 148.5 WEST AT 031800Z. 600 MILES EAST SOUTH OF HONOLULU. POSITION FAIR BASED ON RECONNAISSANCE FIX. MAXIMUM WINDS 110 KNOTS NEAR CENTER. RADIUS 50 KNOT WINDS 120 MILES. RADIUS 30 KNOT WINDS 200 MILES. FORECAST MOVEMENT 285 DEGREES 9 KNOTS. FORECAST POSITION 16.3 NORTH 150.3 WEST AT 040600Z. 16.9 NORTH 152.1 WEST AT 041800Z. LITTLE CHANGE IN INTENSITY. 48 HOUR OUTLOOK CONTINUED WEST NORTHWEST MOVEMENT 9 KNOTS LITTLE CHANGE IN INTENSITY. 55 WRS ETD PHIK 041230Z FOR FIX 041700Z AND 042200Z. ETD MCC 041830Z FOR FIX 050300Z. NEXT ADVISORY WILL BE ISSUED 040300Z BY U. S. WEATHER BUREAU HONOLULU.
SHIDELEER WEATHER BUREAU

AUGUST 3 1959 2 PM HST
ADDITION TO HURRICANE DOT ADVISORY NUMBER 9
U. S. WEATHER BUREAU HONOLULU

A HURRICANE WATCH IS EFFECTIVE IMMEDIATELY FOR ALL SECTIONS OF THE BIG ISLAND OF HAWAII FROM KA LAE TO KAU AND PUNA SECTIONS. NORTHEAST GALE WARNINGS ARE ORDERED FOR THESE SECTIONS AND NORTHWARD TO HILO.

THERE IS A POSSIBILITY THAT HURRICANE CONDITIONS MAY AFFECT THESE SECTIONS TUESDAY NIGHT BUT IT IS TOO EARLY TO ISSUE DEFINITE WARNINGS YET. PEOPLE IN THESE AREAS SHOULD LISTEN FOR FURTHER INFORMATION FROM THE WEATHER BUREAU. IN THE MEANTIME PEOPLE SHOULD CONSIDER PRECAUTIONS AND SAFEGUARDS AGAINST HIGH WINDS HEAVY RAINS AND WELL ABOVE NORMAL TIDES BEGINNING LATE TUESDAY OR TUESDAY NIGHT. SMALL CRAFT SHOULD TAKE NECESSARY PRECAUTIONS.
HURRICANE DOT WAS CENTERED ABOUT 400 MILES SOUTHEAST OF HAWAII AT 8 AM HST THIS PAREN MONDAY PAREN MORNING AND MOVING WEST NORTHWEST 10 MPH. HIGHEST WINDS NEAR THE CENTER ARE IN EXCESS OF 100 MPH AND WHOLE GALE FORCE WINDS EXTEND TO 120 MILES FROM THE CENTER. BY 8 AM TUESDAY THE HURRICANE IS FORECAST TO BE 230 MILES SOUTHEAST OF HAWAII AND IF THIS COURSE AND SPEED IS MAINTAINED IT WILL GIVE INCREASING WINDS AND RAIN TO HAWAII BEGINNING LATE TUESDAY OR TUESDAY NIGHT.
THE NEXT ADVISORY ON THIS STORM WILL BE ISSUED AT 5 PM THIS EVE BY U. S. WEATHER BUREAU HONOLULU.
SHIDELEER WEATHER BUREAU

AUGUST 3 1959 5 PM HST
ADVISORY NUMBER 10 HURRICANE DOT
U. S. WEATHER BUREAU HONOLULU

WHOLE GALE WARNINGS ARE IN EFFECT FOR AREA FROM SOUTH POINT HAWAII THROUGH KAU AND PUNA TO HILO HAWAII.
HURRICANE WATCH IS IN EFFECT FOR AREA FROM SOUTH POINT HAWAII THROUGH KAU AND PUNA TO HILO HAWAII. HURRICANE DOT IS FORECAST TO MOVE SOUTH OF THE ISLAND OF HAWAII BUT IT IS TOO EARLY TO ISSUE DEFINITE WARNINGS AS YET. PEOPLE IN THE ABOVE AREA SHOULD LISTEN FOR FURTHER INFORMATION FROM THE WEATHER BUREAU AND IN THE MEANTIME CONSIDER PRECAUTIONS AND SAFEGUARDS FOR FORECAST HIGH WINDS HEAVY RAINS AND WELL ABOVE NORMAL TIDES BEGINNING LATE TUESDAY OR TUESDAY NIGHT. SMALL CRAFT SHOULD TAKE NECESSARY PRECAUTIONS AND ARE ADVISED TO AVOID THE AREA TO THE SOUTHEAST AND SOUTH OF THE ISLAND OF HAWAII. HURRICANE DOT ESTIMATED 15.9 NORTH 149.5 WEST OR ABOUT 400 STATUTE MILES SOUTHEAST OF HILO HAWAII AT 040000Z 2:00 PM HST. POSITION GOOD BASED ON RECON FIXES. THIS IS AN INTENSE STORM WITH CENTRAL PRESSURE NEAR 959 MILLIBARS OR 28.32 INCHES AND LITTLE CHANGE IN INTENSITY IS FORECAST FOR THE NEXT 24 HOURS. MAXIMUM WINDS NEAR 120 KNOTS 137 MPH WITH RADIUS OF 100 KNOT 114 MPH WINDS 60 MILES AND RADIUS OF 50 KNOT 57 MPH WINDS 120 MILES RADIUS OF 30 KNOT 34 MPH WINDS 200 MILES. FORECAST MOVEMENT 275 DEGREES 10 KNOTS NEXT 24 HOURS. FORECAST POSITION 16.2 NORTH 151.5 WEST AT 041200Z AND 16.4 NORTH 153.5 WEST AT 050000Z. STORM IS FORECAST TO BE 205 STATUTE MILES SOUTHEAST OF HILO HAWAII AT 2:00 PM HST AUGUST 4. 48 HOUR OUTLOOK STORM EXPECTED TO CURVE MORE TO NORTHWEST WITH 060000Z POSITION NEAR 18 NORTH 158 WEST OR 240 STATUTE MILES SOUTH OF HONOLULU AT 2:00 PM AUGUST 5. SLIGHT DECREASE IN INTENSITY POSSIBLE.
RECON LOON DOT WILL DEPART HICKAM 041230Z FOR FIXES 041700Z

042200Z RECON LARK DOT WILL DEPART MCCLELLEN 041830Z FOR FIX 050300Z. NEXT ADVISORY WILL BE ISSUED BY U. S. WEATHER BUREAU HONOLULU AT 040900Z.
RUSH WEATHER BUREAU HONOLULU.

AUGUST 3 1959 11 PM HST
ADVISORY NUMBER 11 HURRICANE DOT
U. S. WEATHER BUREAU HONOLULU

WHOLE GALE WARNINGS ARE IN EFFECT FOR AREA FROM SOUTH POINT HAWAII ALONG SOUTHEAST COAST THROUGH PUNA. HURRICANE WATCH IS IN EFFECT FOR AREA FROM SOUTH POINT TO HILO. HURRICANE DOT IS FORECAST TO MOVE SOUTH OF THE ISLAND OF HAWAII BUT IT IS TOO EARLY AS YET TO ISSUE ANY DEFINITE WARNINGS. PERSONS IN THE AREA FROM HILO TO SOUTH POINT HAWAII SHOULD LISTEN FOR FURTHER INFORMATION FROM THE WEATHER BUREAU AND MEANWHILE MAKE PREPARATIONS AND SAFEGUARDS FOR HIGH WINDS HEAVY RAIN AND WELL ABOVE NORMAL TIDES BEGINNING LATE TUESDAY OR TUESDAY NIGHT. SMALL CRAFT IN THE WARNING AREA SHOULD TAKE PRECAUTIONS AND ARE ADVISED TO AVOID THE AREA TO THE SOUTHEAST AND SOUTH OF HAWAII. HURRICANE DOT ESTIMATED 16.2 NORTH 150.5 WEST OR ABOUT 400 STATUTE MILES SOUTHEAST OF HILO AT 040600Z OR 8:00 PM HST. POSITION GOOD BASED ON RECON FIX AND EXTRAPOLATION. THIS IS AN INTENSE STORM WITH CENTRAL PRESSURE NEAR 959 MILLIBARS OR 28.32 INCHES AND LITTLE CHANGE IN INTENSITY OR SIZE IS FORECAST IN NEXT 24 HOURS. MAXIMUM WINDS NEAR 120 KNOTS OR 137 MPH WITH RADIUS OF 100 KNOTS OR 114 MPH 60 MILES AND RADIUS OF 50 KNOTS OR 57 MPH 120 MILES. RADIUS OF 30 KNOTS 34 MPH WINDS 200 MILES. FORECAST MOVEMENT 287 DEGREES 10 KNOTS NEXT 24 HOURS. FORECAST POSITION 16.7 NORTH 152.5 WEST OR 295 STATUTE MILES SOUTHEAST OF HILO AT 041800Z OR 8:00 AM HST TUESDAY AND 17.3 NORTH 154.4 WEST OR 205 STATUTE MILES SOUTH SOUTHEAST OF HILO AT 050600Z OR 8:00 PM HST TUESDAY. 48 HOUR OUTLOOK IS FOR STORM TO CURVE SLOWLY TO A MORE NORTHWESTERLY DIRECTION AND SHOW ONLY A VERY SLIGHT DECREASE IN INTENSITY. OUTLOOK AT 060600Z OR 8:00 PM HST WEDNESDAY IS FOR STORM TO BE AT 20 NORTH 158 WEST OR 80 STATUTE MILES SOUTH OF HONOLULU. RECON LOON DOT WILL DEPART HICKAM 041230Z FOR FIXES 041700Z AND 042200Z AND RECON LARK DOT WILL DEPART MCCLELLAN 041830Z FOR FIX 050300Z. NEXT ADVISORY WILL BE ISSUED BY U. S. WEATHER BUREAU HONOLULU AT 041500Z.

AUGUST 4 1959 5 AM HST
ADVISORY NUMBER 12 HURRICANE DOT
U. S. WEATHER BUREAU HONOLULU

WHOLE GALE WARNINGS ARE IN EFFECT FOR AREA FROM HILO TO SOUTH POINT HAWAII ALONG THE SOUTHEAST COAST OF HAWAII. HURRICANE WATCH IS IN EFFECT FOR AREA FROM HILO TO SOUTH POINT. PERSONS IN THE AREA FROM HILO TO SOUTH POINT HAWAII SHOULD LISTEN FOR FURTHER INFORMATION FROM THE WEATHER BUREAU AND MEANWHILE MAKE PREPARATIONS FOR HIGH WINDS HEAVY RAINS AND WELL ABOVE NORMAL TIDES BEGINNING LATE TUESDAY AFTERNOON OR EVENING. SMALL CRAFT IN THE WARNING AREA SHOULD TAKE PRECAUTIONS AND ARE ADVISED TO AVOID THE AREA SOUTH AND SOUTHEAST OF HAWAII.

HURRICANE DOT IS ESTIMATED AT 16.5 NORTH 151.5 WEST AT 041200Z 2 AM HST OR ABOUT 320 MILES SOUTHEAST OF HILO. POSITION POOR BASED ON EXTRAPOLATION. THIS IS AN INTENSE STORM WITH CENTRAL PRESSURE NEAR 960 MILLIBARS OR 28.35 INCHES AND LITTLE CHANGE IN SIZE OR INTENSITY IS FORECAST DURING THE NEXT 24 HOURS. MAXIMUM WINDS WILL BE 115 KNOTS 130 MPH RADIUS OF 100 KNOT WINDS 114 MPH 50 MILES. RADIUS OF 50 KNOT 57 MPH WINDS 100 MILES. RADIUS OF 30 KNOT 34 MPH WINDS 200 MILES. FORECAST MOVEMENT 284 DEGREES AT 10 KNOTS NEXT 24 HOURS. FORECAST POSITION 16.9 NORTH 153.5 WEST AT 050000Z 2 PM HST TUESDAY OR 210 STATUTE MILES SOUTH SOUTHEAST OF HILO AND 17.4 NORTH 155.3 WEST AT 051200Z 2 AM WEDNESDAY OR 160 STATUTE MILES SOUTH OF HILO. 48 HOUR OUTLOOK IS FOR THE STORM TO VEER TO A NORTHWESTERLY DIRECTION WITH VERY LITTLE CHANGE IN SPEED OR INTENSITY. THE POSITION AT 061200Z 2 AM HST THURSDAY IS ESTIMATED AT 20.3 NORTH 158.0 WEST OR 75 STATUTE MILES SOUTH OF HONOLULU. RECON LOON DOT DEPARTED HICKAM AT 041230Z FOR FIXES AT 041700Z AND 042200Z. RECON LARK DOT WILL DEPART MCCLELLAN AT 041830Z FOR FIX AT 050300Z. NEXT ADVISORY WILL BE ISSUED BY U. S. WEATHER BUREAU HONOLULU AT 042100Z.
FOLLANSBEE WEATHER BUREAU HONOLULU.

AUGUST 4 1959 11 AM HST
ADVISORY NUMBER 13 HURRICANE DOT
U. S. WEATHER BUREAU HONOLULU

WHOLE GALE WARNINGS ARE IN EFFECT FOR THE ISLAND OF HAWAII AND ADJACENT WATERS. HURRICANE WATCH IS IN EFFECT FOR AREA FROM SOUTH KONA COAST THROUGH SOUTH POINT HAWAII TO HILO AND PERSONS IN THIS AREA SHOULD LISTEN FOR FURTHER INFORMATION FROM THE WEATHER BUREAU AND MEANWHILE MAKE PREPARATIONS FOR HIGH WINDS CMA HEAVY RAINS AND WELL ABOVE NORMAL TIDES BEGINNING LATE TUESDAY EVENING. SMALL CRAFT IN THE WARNING AREA SHOULD TAKE PRECAUTIONS AND ARE ADVISED TO AVOID THE AREA TO THE SOUTH AND SOUTHEAST OF THE ISLAND OF HAWAII. HURRICANE DOT WAS LOCATED AT 16.7 NORTH 152.5 WEST AT 041800Z 8 AM HST OR ABOUT 230 MILES SOUTHEAST OF SOUTH POINT. POSITION GOOD BASED ON RECONNAISSANCE FIX. MAXIMUM WINDS 120 KNOTS 138 MPH NEAR CENTER WITH 100 KNOTS 115 MPH WINDS WITHIN 60 MILES AND 50 KNOTS 58 MPH WITHIN 100 MILES OF CENTER. LITTLE CHANGE IN INTENSITY AND AREA EXPECTED DURING NEXT 12 HOURS. FORECAST MOVEMENT 285 DEGREES AT 10 KNOTS FOR NEXT 24 HOURS. FORECAST POSITION 050600Z 8 PM TUESDAY HST 17.3 NORTH 154.5 WEST OR 120 MILES SOUTHSOUTHEAST OF SOUTH POINT AND FOR 051800Z 8 AM HST WEDNESDAY 17.8 NORTH 156.4 WEST OR 80 MILES SOUTHSOUTHWEST OF SOUTH CAPE. 48 HOUR OUTLOOK IS FOR THE HURRICANE TO VEER TOWARDS A WESTNORTHWESTERLY DIRECTION AND INCREASE SLIGHTLY IN SPEED OF MOVEMENT WITH 48 HOUR FORECAST POSITION FOR 061800Z 8 AM THURSDAY ESTIMATED AT 20.0 NORTH 160.0 WEST. RECONNAISSANCE PLANS CALL FOR FIXES AT 042200Z AND 050300Z. NEXT ADVISORY WILL BE ISSUED BY U. S. WEATHER BUREAU HONOLULU AT 050300Z.
PEARSON WEATHER BUREAU HONOLULU.

AUGUST 4 1959 5 PM HST
ADVISORY NUMBER 14 HURRICANE DOT
U. S. WEATHER BUREAU HONOLULU

WHOLE GALE WARNINGS ARE IN EFFECT FOR THE ISLAND OF HAWAII AND ADJACENT WATERS. GALE WARNINGS FOR WATERS SOUTH OF MAUI AND LANAI. FOR OTHER WATERS SMALL CRAFT WARNINGS ARE IN EFFECT. HURRICANE WATCH FOR THE AREA FROM SOUTH KONA THROUGH SOUTH POINT HAWAII TO HILO IS DISCONTINUED BUT PERSONS IN THIS AREA ARE ADVISED TO BE PREPARED FOR HIGH WINDS HEAVY RAINS AND WELL ABOVE NORMAL TIDES FROM PRESENT TIME THROUGH WEDNESDAY. PERSONS IN THIS AREA SHOULD LISTEN FOR FURTHER INFORMATION FROM THE WEATHER BUREAU TONIGHT. SMALL CRAFT IN WARNING AREA SHOULD TAKE PRECAUTIONS AND ARE ADVISED TO AVOID THE AREA TO THE SOUTH AND SOUTHEAST OF THE ISLAND OF HAWAII. ALL SMALL CRAFT SHOULD AVOID THE AREA SOUTH OF ALL OF THE ISLANDS ON WEDNESDAY. HURRICANE DOT WAS LOCATED AT 17.0 NORTH 154.0 WEST AT 050000Z PAREN 2 PM PAREN OR ABOUT 185 MILES SOUTHEAST OF SOUTH POINT HAWAII. POSITION GOOD BASED UPON RECONNAISSANCE FIX. MAXIMUM WINDS 115 KNOTS PAREN 131 MPH PAREN NEAR THE CENTER WITH 100 KNOT PAREN 115 MPH PAREN WITHIN 50 MILES AND 50 KNOT PAREN 5 MPH PAREN WITHIN 100 MILES. LITTLE CHANGE IN INTENSITY IS FORECAST DURING THE NEXT 24 HOURS WITH 110 KNOT PAREN 124 MPH PAREN MAXIMUM WINDS EXPECTED AT THAT TIME. FORECAST MOVEMENT 288 DEGREES AT 12 KNOTS FORECAST FOR THE NEXT 24 HOURS. FORECAST POSITION AT 051200Z PAREN 2 AM WEDNESDAY HST PAREN 17.8 NORTH 156.4 WEST OR 90 MILES SOUTHSOUTHWEST OF SOUTH POINT HAWAII AND FOR 060000Z PAREN 2 PM WEDNESDAY HST PAREN 18.4 NORTH 158.6 WEST OR 200 MILES SOUTH OF HONOLULU. 48 HOUR OUTLOOK IS FOR THE HURRICANE TO MOVE A LITTLE MORE TO THE NORTHWEST WITH THE POSITION AT 070000Z PAREN 2 PM THURSDAY HST PAREN ESTIMATED AT 21.0 NORTH 162.0 WEST. RECONNAISSANCE PLANS CALL FOR FIXES AT 050900Z CMA 051700Z CMA 052200Z AND 060300Z. NEXT ADVISORY WILL BE ISSUED BY U. S. WEATHER BUREAU HONOLULU AT 050900Z. CHADSEY WEATHER BUREAU HONOLULU.

AUGUST 4 1959 11 PM HST
ADVISORY NUMBER 15 HURRICANE DOT
U. S. WEATHER BUREAU HONOLULU

WHOLE GALE WARNINGS ARE IN EFFECT FOR THE ISLAND OF HAWAII AND ADJACENT WATERS. GALE WARNINGS ARE IN EFFECT FOR WATERS SOUTH OF MAUI AND LANAI AND SMALL CRAFT WARNINGS FOR REMAINING HAWAIIAN WATERS. PERSONS ON THE BIG ISLAND SOUTH OF HILO AND KONA SHOULD BE PREPARED FOR CONTINUED HIGH WINDS AND HEAVY RAINS THROUGH THE NIGHT AND WEDNESDAY MORNING AND VERY HIGH TIDES AND HEAVY SURF N COASTAL REGIONS. SMALL CRAFT SHOULD TAKE PRECAUTIONS ON ALL OF THE ISLANDS WITH INCREASING WINDS ON WEDNESDAY OVER CENTRAL AND NORTHERN ISLAND WATERS. THESE CRAFT SHOULD AVOID ALL OF THE AREA SOUTH OF THE ISLANDS. HURRICANE DOT WAS LOCATED AT 17.5 NORTH 155.3 WEST AT 050600Z PAREN 8 PM HST PAREN OR ABOUT 130 MILES SOUTHSOUTHEAST OF SOUTH POINT ON THE ISLAND OF HAWAII. POSITION GOOD BASED UPON RECONNAISSANCE FIX. MAXIMUM WINDS 115 KNOTS NEAR THE CENTER PAREN 131 MPH PAREN. 100 KNOT PAREN 115 MPH PAREN WINDS EXTEND TO 50 MILES AND 50 KNOT PAREN 58 MPH PAREN WINDS TO 100 MILES. RADIUS OF 30 KNOT WINDS PAREN 34 MPH PAREN 200 MILES. LITTLE CHANGE IN INTENSITY IS FORECAST FOR THE NEXT 24 HOURS. FORECAST MOVEMENT 290 DEGREES FOR THE NEXT 12 HOURS THEN 310 DEGREES FOR THE FOLLOWING 12 HOURS. FORECAST POSITION AT 051800Z PAREN 8 AM WEDNESDAY HST PAREN 18.4 NORTH 157.8 WEST OR 180 MILES SOUTH OF HONOLULU. FOR 060600Z PAREN 8 PM WEDNESDAY HST PAREN 20.4 NORTH 160.8 WEST OR 100 MILES SOUTH SOUTHWEST OF PORT ALLEN KAUAI. 48 HOUR OUTLOOK WILL RECURVE AND BECOME EXTRA TROPICAL AND AT 070600Z PAREN 8 PM HST THURSDAY PAREN IS FORECAST TO BE AT 27.0 NORTH 159.0 WEST. RECONNAISSANCE PLANS CALL FOR FIXES AT 051700Z CMA 052200Z AND 060300Z. NEXT ADVISORY WILL BE ISSUED BY U. S. WEATHER BUREAU HONOLULU AT 051500Z PAREN 5 AM HST WEDNESDAY PAREN. CORRECTION. FORECAST MOVEMENT NEXT 12 HOURS 290 DEGREES AT 14 KNOTS AND FOR FOLLOWING 12 HOURS 310 DEGREES AT 15 KNOTS. CHADSEY WEATHER BUREAU HONOLULU.

AUGUST 5 1959 5 AM HST
ADVISORY NUMBER 16 HURRICANE DOT
U. S. WEATHER BUREAU HONOLULU

WHOLE GALE WARNINGS REMAIN IN EFFECT FOR THE ISLAND OF HAWAII AND ADJACENT WATERS. GALE WARNINGS ARE IN EFFECT FOR WATERS SOUTHWEST OF MAUI AND LANAI AND SMALL CRAFT WARNINGS FOR REMAINING HAWAIIAN WATERS. ALL INTERESTS ON HAWAII SOUTH OF HILO AND KONA SHOULD CONTINUE TO SAFEGUARD AGAINST HIGH WINDS LOCAL HEAVY RAINS AND VERY HIGH TIDES AND HEAVY SURF ALONG THE COASTS. SEAS OF 30 TO 45 FEET IN HEIGHT WILL CONTINUE THRU WEDNESDAY MORNING AT LEAST. HEAVY SURF WILL SPREAD UP THE CHAIN TO ALL EAST AND SOUTH SHORES. HIGH SEAS WILL MAKE SMALL CRAFT OPERATIONS HAZARDOUS EVEN IN AREAS WITH RELATIVELY WEAK WINDS.

HURRICANE DOT WAS LOCATED AT 17.5 NORTH 156.0 WEST AT 051200Z -- 2 AM HST WEDNESDAY--OR 165 STATUTE MILES SOUTH SOUTHWEST OF HILO. POSITION GOOD BASED ON RECON RADAR FIX. MAXIMUM WINDS ARE 115 KNOTS --131 MPH--NEAR CENTER. RADIUS OF 100 KNOTS WINDS--115 MPH--IS 50 MILES. RADIUS OF 50 KNOT WINDS --58 MPH--IS 100 MILES AND RADIUS OF 30 KNOTS WINDS--34 MPH--IS 200 MILES. FORECAST MOVEMENT IS 290 DEGREES AT 12 KNOTS NEXT 24 HOURS AND 300 DEGREES AT 12 KNOTS FOLLOWING 12 HOURS WITH LITTLE CHANGE IN INTENSITY. FORECAST POSITION AT 060000Z--2 PM HST WEDNESDAY--18.3 NORTH 158.3 WEST OR 205 STATUTE MILES SOUTH OF HONOLULU. FORECAST POSITION AT 061200Z-- 2 AM HST THURSDAY--19.4 NORTH 160.4 WEST OR 215 STATUTE MILES SOUTHWEST OF HONOLULU. 48 HOUR OUTLOOK IS FOR NORTHWEST MOVEMENT AT 11 KNOTS TO 23 NORTH 163 WEST AT 071200Z.

RECON LOON DOT PLANS PENETRATION AT DAYBREAK FOR FIXES AT 051700Z AND 052200Z. RECON LARK DOT PLANS FIX AT 060300Z. NEXT ADVISORY WILL BE ISSUED BY U. S. WEATHER BUREAU HONOLULU AT 062100Z... 11 AM HST WEDNESDAY.
FOLLANSBEE WEATHER BUREAU HONOLULU

AUGUST 5 1959 11 AM HST
ADVISORY NUMBER 17 HURRICANE DOT
U. S. WEATHER BUREAU HONOLULU

GALE WARNINGS ARE IN EFFECT FOR WATERS ADJACENT TO THE ISLANDS OF HAWAII AND WATERS TO THE SOUTH AND WEST OF MAUI LANAI AND OAHU SMALL CRAFT WARNINGS ARE IN EFFECT FOR REMAINING HAWAIIAN WATERS.

ALL INTERESTS SHOULD BE PREPARED FOR HIGH SEAS ALONG SOUTHERN COASTS OF HAWAII MAUI AND LANAI. SEAS OF 20 TO 25 FEET IN HEIGHT WILL OCCUR ALONG SOUTHERN SHORES. HIGH SEAS WILL MAKE SMALL CRAFT OPERATIONS HAZARDOUS. HURRICANE DOT WAS LOCATED AT 17.6 NORTH 156.9 WEST AT 051800Z 8 AM HST OR 215 STATUTE MILES SOUTHSOUTHEAST OF HONOLULU. POSITION GOOD BASED ON RECON FIX AND RADAR PLOTS. MAXIMUM WINDS 90 KNOTS NEAR CENTER. RADIUS OF 50 KNOT WINDS 58 MPH 70 MILES AND RADIUS OF 30 KNOT WINDS 35 MPH 150 MILES. FORECAST MOVEMENT 290 DEGREES AT 11 KNOTS FOR NEXT 24 HOURS. FORECAST POSITION AT 060600Z 18.4 NORTH 159.1 WEST OR 180 STATUTE MILES SOUTHSOUTHWEST OF HONOLULU. FORECAST POSITION FOR 061800Z 19.2 NORTH 161.3 WEST OR 180 MILES SOUTHSOUTHWEST OF PORT ALLEN KAUAI. 48 HOUR OUTLOOK IS FOR A MORE NORTHWESTWARD MOVEMENT TO 22 NORTH 164 WEST AT 071800Z WITH STORM WEAKENING AND BECOMING EXTRATROPICAL. RECON PLAN LARK DOT FIX AT 052200Z AND 060300Z. NEXT ADVISORY WILL BE ISSUED BY U. S. WEATHER BUREAU HONOLULU AT 060300Z 5 PM WEDNESDAY HST.
PEARSON WEATHER BUREAU HONOLULU

AUGUST 5 1959 5 PM HST
ADVISORY NUMBER 18 HURRICANE DOT
U. S. WEATHER BUREAU HONOLULU

GALE WARNINGS ARE IN EFFECT FOR WATERS TO THE SOUTHWEST OF HAWAII AND SOUTH OF MAUI LANAI OAHU AND KAUAI. SMALL CRAFT WARNINGS REMAIN IN EFFECT FOR ALL OTHER HAWAIIAN WATERS. ALL INTERESTS SHOULD BE PREPARED FOR CONTINUED HIGH SURF FROM THE SOUTH AND WEST SHORES OF HAWAII AND ALONG THE SOUTHERN SHORES OF ALL OTHER ISLANDS AS FAR AS OAHU AND INCREASING SURF ALONG THE SOUTH SHORES OF KAUAI. SEAS OF 20 TO 30 FEET WILL OCCUR ALONG THESE SHORES. PERSONS RESIDING IN LOW LYING AREAS ON THESE SOUTHERN SHORES SHOULD BE PREPARED TO EVACUATE. HURRICANE DOT WAS LOCATED AT 18.2 NORTH 157.7 WEST OR 200 MILES SOUTH OF HONOLULU AT 060000Z 2 PM HST. POSITION GOOD BASED ON RECONNAISSANCE FIX AND RADAR PLOTS. MAXIMUM WINDS NEAR THE CENTER 100 KNOTS 115 MPH. RADIUS OF 50 KNOT 58 MPH WINDS 90 MILES AND RADIUS 30 KNOT 35 MPH WINDS 160 MILES. FORECAST MOVEMENT 295 DEGREES FOR THE NEXT 12 HOURS AT 11 KNOTS 13 MPH THEN 320 DEGREES AT 11 KNOTS FOR FOLLOWING 12 HOURS. FORECAST POSITION AT 061200Z 2 AM THURSDAY HST 19.2 NORTH 159.7 WEST OR 170 MILES SOUTH OF PORT ALLEN KAUAI. FORECAST POSITION FOR 070000Z 2 PM THURSDAY HST 20.9 NORTH 161.3 WEST OR 140 MILES SOUTHWEST OF PORT ALLEN. 48 HOUR OUTLOOK IS FOR MORE NORTHWESTWARD MOVEMENT TO 27 NORTH 163 WEST AT 080000Z WITH STORM WEAKENING AND BECOMING EXTRA TROPICAL. RECON PLANS FIXES AT 060900Z CMA 061700Z AND 062200Z. NEXT ADVISORY WILL BE ISSUED BY U. S. WEATHER BUREAU HONOLULU AT 060900Z 9 PM HST WEDNESDAY.
CHADSEY WEATHER BUREAU HONOLULU.

AUGUST 5 1959 11 PM HST
ADVISORY NUMBER 19 HURRICANE DOT
U. S. WEATHER BUREAU HONOLULU

GALE WARNINGS ARE IN EFFECT FOR ALL WATERS SOUTHWEST OF HAWAII AND SOUTH OF THE ISLANDS OF MAUI MOLOKAI MAUI LANAI OAHU AND KAUAI. SMALL CRAFT WARNINGS REMAIN IN EFFECT FOR ALL OTHER HAWAIIAN WATERS. ALL INTERESTS SHOULD EXPECT CONTINUED HIGH SURF ALONG THE SOUTHERN SHORES OF ALL ISLANDS FROM HAWAII TO OAHU AND INCREASING SURF ALONG THE SOUTHERN SHORES OF KAUAI AND ALL SHORES OF NIIHAU. BY THURSDAY AFTERNOON SURF WILL BE DECREASING ALONG THE SOUTHERN ISLANDS. PERSONS ALONG THE SOUTHERN SHORE OF KAUAI AND NIIHAU SHOULD BE PREPARED FOR VERY HIGH SURF WITH WAVES OF 25 TO 30 FEET BY THURSDAY AFTERNOON. HURRICANE DOT WAS LOCATED AT 18.9 NORTH 158.3 WEST OR 160 MILES SOUTHSOUTHWEST OF HONOLULU AT 060600Z 8 PM WEDNESDAY HST. POSITION IS GOOD BASED ON RECONNAISSANCE FIX. MAXIMUM WINDS NEAR THE CENTER ARE 100 KNOTS 115 MPH WILL DECREASE TO 95 KNOTS 107 MPH AT THE END OF 12 HOURS AND TO 90 KNOTS 101 MPH AT THE END OF 24 HOURS. RADIUS OF 50 KNOTS 58 MPH WINDS IS 90 MILES AND RADIUS OF 30 KNOTS 35 MPH WINDS IS 160 MILES. FORECAST MOVEMENT IS 320 DEGREES FOR THE NEXT 24 HOURS AT 10 KNOTS 12 MPH. FORECAST POSITION AT 061800Z 8 AM THURSDAY HST IS 20.2 NORTH 159.7 WEST OR 120 MILES SOUTH OF PORT ALLEN KAUAI. POSITION AT 070600Z 8 PM THURSDAY HST 21.8 NORTH 160.7 WEST OR 40 MILES WEST OF NIIHAU. 48 HOUR OUTLOOK IS FOR FURTHER RECURVATURE TO THE NORTH WITH POSITION ESTIMATED AT 26.0 NORTH 162.0 WEST AT 080600Z. STORM WILL WEAKEN AND BECOME EXTRA TROPICAL. RECON PLANS FIXES AT 061700Z AND 062200Z. NEXT ADVISORY WILL BE ISSUED BY U. S. WEATHER BUREAU HONOLULU AT 061500Z 5 AM THURSDAY HST.
CHADSEY WEATHER BUREAU HONOLULU.

AUGUST 6 1959 5 AM HST
ADVISORY NUMBER 20 HURRICANE DOT
U. S. WEATHER BUREAU HONOLULU

HURRICANE WARNINGS ARE ORDERED IMMEDIATELY FOR THE WESTERN HALF OF OAHU AND THE EAST HALF OF KAUAI CHANNEL. WHOLE GALE WARNINGS ARE ORDERED FOR THE EASTERN HALF OF OAHU. GALE WARNINGS ARE IN EFFECT FOR WATERS WEST OF MAUI LANAI AND MOLOKAI AND FOR KAUAI AND THE WATERS EAST AND SOUTH OF KAUAI. SMALL CRAFT WARNINGS REMAIN IN EFFECT FOR THE REMAINING HAWAIIAN WATERS. ALL INTERESTS SHOULD EXPECT HIGH SURF ALONG THE SOUTH COAST OF ALL ISLANDS FROM KAUAI SOUTHWARD WITH WAVES AS HIGH AS 30 FEET LOCALLY. HURRICANE DOT WAS LOCATED AT 19.6 NORTH 158.5 WEST AT 061200Z 2 AM HST THURSDAY OR 130 STATUTE MILES SOUTH OF HONOLULU. POSITION EXCELLENT BASED ON RECON FIX. MAXIMUM WINDS NEAR THE CENTER ARE 90 KNOTS ... 103 MPH... RADIUS OF 50 KNOT WINDS 58 MPH IS 40 MILES. RADIUS OF 30 KNOT WINDS 34 MPH IS 120 MILES. FORECAST MOVEMENT IS 360 DEGREES AT 8 KNOTS DURING THE NEXT 24 HOURS. FORECAST POSITION AT 070000Z 2 PM HST THURSDAY IS 21.2 NORTH 158.5 WEST OR 40 STATUTE MILES WEST OF HONOLULU. FORECAST POSITION AT 071200Z 2 AM HST FRIDAY IS 22.7 NORTH 158.5 WEST OR 100 STATUTE MILES NORTHWEST OF HONOLULU. 48 HOUR OUTLOOK IS FOR CONTINUED NORTHWARD MOVEMENT WITH POSITION AT 081200Z ABOUT 26 NORTH 158 WEST. STORM WILL WEAKEN GRADUALLY THROUGHOUT THE FORECAST PERIOD. RECON FIXES ARE PLANNED FOR 061700Z AND 062200Z. NEXT ADVISORY WILL BE ISSUED BY U. S. WEATHER BUREAU HONOLULU AT 062100Z 11 AM HST THURSDAY.
FOLLANSBEE WEATHER BUREAU HONOLULU

AUGUST 6 1959 7:15 AM HST
ADVISORY NUMBER 20 HURRICANE DOT AMENDED
U. S. WEATHER BUREAU HONOLULU

HURRICANE WARNINGS ARE ORDERED DOWN FOR WESTERN OAHU. HURRICANE WARNINGS ARE HOISTED EFFECTIVE IMMEDIATELY FOR KAUAI AND KAUAI CHANNEL. WHOLE GALE WARNINGS ARE ORDERED FOR WESTERN OAHU AND GALE WARNINGS FOR EASTERN OAHU. GALE WARNINGS REMAIN IN EFFECT FOR WATERS WEST OF MAUI LANAI AND MOLOKAI. SMALL CRAFT WARNINGS REMAIN IN EFFECT FOR ALL REMAINING HAWAIIAN WATERS. HIGH SURF WILL PERSIST ALONG SOUTH COASTS OF ALL ISLANDS NORTH OF MAUI. WAVES WILL REACH HEIGHTS OF 30 FEET AT TIMES. HURRICANE DOT WAS LOCATED 20.3 NORTH 158.9 WEST AT 061643Z 6:43 AM HST THURSDAY OR 95 STATUTE MILES SOUTHWEST OF HONOLULU. POSITION EXCELLENT BASED ON RECON FIX. MAXIMUM WINDS NEAR CENTER ARE 90 KNOTS 103 MPH BUT WILL DIMINISH SLOWLY DURING THE NEXT 24 HOURS. RADIUS OF 50 KNOT WINDS 58 MPH IS 40 MILES. RADIUS OF 30 KNOT WINDS 34 MPH IS 120 MILES. FORECAST MOVEMENT 340 DEGREES AT 10 KNOTS DURING NEXT 12 HOURS BECOMING 360 DEGREES AT 10 KNOTS THE FOLLOWING 12 HOURS. FORECAST POSITION AT 070000Z 2 PM HST THURSDAY IS 21.4 NORTH 159.3 WEST OR 40 STATUTE MILES SOUTH OF LIHUE 95 MILES WEST OF HONOLULU. FORECAST POSITION AT 071200Z 2 AM HST FRIDAY IS 23.4 NORTH 159.3 WEST OR 95 STATUTE MILES NORTH OF LIHUE. NEXT ADVISORY WILL BE ISSUED 062100Z 11AM HST, U. S. WEATHER BUREAU HONOLULU.
FOLLANSBEE WEATHER BUREAU HONOLULU

AUGUST 6 1959 11 AM HST
ADVISORY NUMBER 21 HURRICANE DOT

HURRICANE WARNINGS ARE IN EFFECT FOR THE ISLAND OF KAUAI AND THE KAUAI CHANNEL. WHOLE GALE WARNINGS ARE IN EFFECT FOR WESTERN OAHU. GALE WARNINGS REMAIN IN EFFECT FOR EASTERN OAHU AND THE WATERS TO SOUTH OF MOLOKAI LANAI. SMALL CRAFT WARNINGS ARE IN EFFECT FOR WATER AROUND MAUI. HEAVY SURF WARNINGS ARE IN EFFECT FOR SOUTHERN AND EASTERN SHORES ON MAUI AND KAUAI AND EASTERN SOUTHERN AND WESTERN SHORES ON OAHU. HEAVY RAIN WARNINGS WITH POSSIBLE LOCAL FLOODING ARE IN EFFECT FOR THE ISLAND OF KAUAI. HIGH SURF WILL AVERAGE 15 TO 20 FT WITH LOCAL WAVES TO 30 FEET AND ALL RESIDENTS AND THOSE PERSONS AFFECTED SHOULD TAKE ALL NECESSARY PRECAUTIONS. HURRICANE DOT WAS ESTIMATED TO BE AT 20.4 NORTH 158.9 WEST AT 061800Z OR 85 MILES SOUTHSOUTHWEST OF HONOLULU. POSITION FAIR BASED ON RADAR PLOTS. MOVEMENT NEXT 12 HOURS 340 DEGREES 4 KNOTS. FORECAST POSITION FOR 070600Z 8 PM THURSDAY 21.3 NORTH 159.2 WEST OR 80 MILES WEST OF HONOLULU AND 40 MILES SOUTH OF LIHUE. FORECAST MOVEMENT LAST 12 HOURS 360 DEGREES 12 KNOTS. FORECAST POSITION FOR 071800Z 23.8 N 159.0 WEST OR 110 MILES NORTH OF LIHUE KAUAI AT 8 AM HST FRIDAY. MAXIMUM WINDS NEAR CENTER 65 KNOTS FOR NEXT 12 HOURS DECREASING TO 41 KNOTS BY 071800Z. 50 KNOT WINDS OUTWARD TO 85 MILES FOR NEXT 12 HOURS. RECON PLANS LOON DOT PLANS 062200Z FIX CMA LARK DOT 070300Z AND LOON DOT 070900Z FIXES. NEXT ADVISORY WILL BE ISSUED AT 071300Z 5 PM HST THURSDAY BY U. S. WEATHER BUREAU HONOLULU.
PEARSON WEATHER BUREAU HONOLULU.

AUGUST 6 1959 5 PM HST
ADVISORY NUMBER 22 HURRICANE DOT
U. S. WEATHER BUREAU HONOLULU

HURRICANE WARNINGS ARE IN EFFECT FOR THE ISLAND OF KAUAI AND THE KAUAI CHANNEL AND WHOLE GALE WARNINGS FOR THE WESTERN HALF OF OAHU. GALE WARNINGS REMAIN IN EFFECT FOR THE REMAINDER OF OAHU AND THE WATERS AROUND MOLOKAI AND LANAI. SMALL CRAFT WARNINGS ARE IN EFFECT FOR WATERS AROUND MAUI. HEAVY RAIN WARNINGS WITH POSSIBLE LOCAL FLOODING REMAIN IN EFFECT FOR KAUAI. HIGH SURF ON OAHU WILL CONTINUE EARLY TONIGHT BUT GRADUALLY SUBSIDE. HIGH SURF ON KAUAI WILL REACH 20 TO 30 FEET TONIGHT AND RESIDENTS IN AREAS TO BE AFFECTED SHOULD TAKE PRECAUTIONS. HURRICANE DOT WAS LOCATED AT 21.2 NORTH 159.2 WEST OR 55 MILES SOUTHSOUTHEAST OF LIHUE AT 070000Z 2 PM THURSDAY HST. POSITION GOOD BASED ON RECONNAISSANCE FIX AND RADAR PLOTS. MAXIMUM WINDS NEAR THE CENTER ARE 100 KNOTS 115 MPH. RADIUS 50 KNOT 58 MPH WINDS 75 MILES AND RADIUS 30 KNOT 35 MPH WINDS 125 MILES. FORECAST 65 KNOT 75 MPH MAXIMUM WINDS AT THE END OF 12 HOURS AND 50 KNOT 58 MPH AT THE END OF 24 HOURS. FORECAST MOVEMENT 20 DEGREES 10 KNOTS 11 MPH FOR THE NEXT 12 HOURS TO BE LOCATED AT 23.1 NORTH 158.5 WEST OR 115 MILES NORTHEAST OF LIHUE AT 071200Z 2 AM FRIDAY HST. FOR THE FOLLOWING 12 HOURS FORECAST MOVEMENT IS 50 DEGREES AT 15 KNOTS 17 MPH TO BE AT 25.1 NORTH 156.0 WEST OR 270 MILES NORTHNORTHEAST OF HONOLULU. 48 HOUR OUTLOOK CONTINUED NORTHEASTWARD MOVEMENT AND DISSIPATING. NEXT ADVISORY WILL BE ISSUED AT 070900Z 11 PM HST THURSDAY. WEATHER BUREAU HONOLULU.
CHADSEY WEATHER BUREAU HONOLULU.

AUGUST 6 1959 11 PM HST
ADVISORY NUMBER 23 HURRICANE DOT
U. S. WEATHER BUREAU HONOLULU

HURRICANE WARNINGS CONTINUE IN EFFECT FOR THE ISLAND OF KAUAI BUT WINDS WILL BE DECREASING TO GALE FORCE ON FRIDAY. GALE WARNINGS CONTINUE IN EFFECT FOR OAHU AND SURROUNDING WATERS AND SMALL CRAFT WARNINGS AROUND THE ISLAND OF MOLOKAI. HEAVY RAINS WILL CONTINUE ON KAUAI FOR NEXT 12 HOURS PROLONGING FLOOD CONDITIONS. HIGH SURF WARNINGS CONTINUE IN EFFECT FOR VICINITY KAUAI WITH WAVES AS HIGH AS 20 TO 30 FEET BUT GRADUALLY SUBSIDING. HIGH SURF OF 10 TO 15 FEET AROUND OAHU WILL GRADUALLY SUBSIDE. CONTINUED CAUTION IS ADVISED FOR RESIDENTS IN LOW LYING COASTAL SECTIONS OF KAUAI THROUGH THURSDAY NIGHT. HURRICANE DOT WAS LOCATED AT 22.1 NORTH 159.2 WEST OR 10 MILES NORTHEAST OF LIHUE KAUAI AT 070600Z 8 PM THURSDAY HST. POSITION FAIR BASED ON LAND STATION REPORTS. MAXIMUM WINDS NEAR THE CENTER 90 KNOTS 103 MPH RADIUS 50 KNOT 58 MPH WINDS 60 MILES. RADIUS 30 KNOT 35 MPH WINDS 120 MILES. FORECAST MOVEMENT 30 DEGREES FOR THE NEXT 24 HOURS AT THE RATE OF 12 KNOTS 14 MPH FIRST 12 HOURS AND 15 KNOTS 17 MPH NEXT 12 HOURS. FORECAST AT 24.2 NORTH 158.4 WEST OR 160 MILES NORTHNORTHEAST LIHUE AT 071800Z 8 AM HST FRIDAY WITH MAXIMUM WINDS 75 KNOTS 86 MPH NEAR CENTER. FORECAST AT 26.5 NORTH 156.3 WEST OR 400 MILES NORTHEAST LIHUE AT 080600Z 8 PM HST FRIDAY WITH MAXIMUM WINDS NEAR CENTER 50 KNOTS 48 HOUR OUTLOOK CONTINUED NORTHEASTWARD MOVEMENT AND WEAKENING. RECONNAISSANCE PLANS FIX AT 071930Z. NEXT ADVISORY WILL BE ISSUED AT 071500Z 5 AM HST FRIDAY BY WEATHER BUREAU HONOLULU.
CHADSEY WEATHER BUREAU HONOLULU.

AUGUST 7 1959 5 AM HST
ADVISORY NUMBER 24 HURRICANE DOT
U. S. WEATHER BUREAU HONOLULU

HURRICANE WARNINGS AND GALE AND WHOLE GALE WARNINGS ARE DISCONTINUED FOR ALL HAWAIIAN ISLANDS AND WATERS BUT SMALL CRAFT WARNINGS CONTINUE FOR NORTHERN HAWAIIAN WATERS DUE TO HIGH SURF OF 15 TO 20 FT ALONG SOUTH AND SOUTHEAST SHORES OF KAUAI AND OAHU AND SMALL CRAFT SHOULD EXERCISE CAUTION UNTIL THESE SEAS SUBSIDE. HURRICANE DOT ESTIMATED AT 22.8 NORTH 160.0 WEST AT 071200Z OR 70 STATUTE MILES NORTHWEST OF LIHUE KAUAI. POSITION POOR BASED ON RECONNAISSANCE AND EXTRAPOLATION. MAXIMUM WINDS OF 70 KNOTS IN SMALL AREA NEAR CENTER. RADIUS OF 50 KNOT WINDS 60 MILES. RADIUS OF 30 KNOT WINDS 100 MILES. FORECAST MOVEMENT 350 DEGREES AT 13 KNOTS FOR NEXT 12 HOURS AND 10 DEGREES AT 13 KNOTS FOR NEXT 12 HOURS. FORECAST POSITION AT 080000Z 25.3 NORTH AND 160.3 WEST WITH MAXIMUM WINDS OF 60 KNOTS. FORECAST POSITION AT 081200Z 28.0 NORTH 160.0 WEST WITH MAXIMUM WINDS OF 50 KNOTS. 48 HOUR OUTLOOK SLOW RECURVATURE TO THE NORTH NORTHEAST AND FURTHER WEAKENING. AIR FORCE PLANS RECONNAISSANCE FIX AT 071930Z. NEXT ADVISORY WILL BE ISSUED BY WEATHER BUREAU HONOLULU AT 072100Z.
BANKEN WEATHER BUREAU HONOLULU.

AUGUST 7 1959 11 AM HST
ADVISORY NUMBER 25 TROPICAL STORM DOT
U. S. WEATHER BUREAU HONOLULU

TROPICAL STORM DOT ESTIMATED 22.8 NORTH 161.1 WEST AT 071800Z. POSITION GOOD BASED ON RECON FIX. MAXIMUM WINDS 50 KNOTS IN SMALL AREA NEAR CENTER. RADIUS OF 30 KNOT WINDS 90 MILES. FORECAST MOVEMENT 290 DEGREES 9 KNOTS NEXT TWELVE HOURS THEN 290 DEGREES 12 KNOTS FOLLOWING TWELVE HOURS. FORECAST POSITION 080600Z 23.3 NORTH 163.0 WEST WITH MAXIMUM WINDS 40 KNOTS. FORECAST POSITION 081800Z 24.0 NORTH 165.5. WINDS 35 KNOTS. 48 HOUR OUTLOOK CONTINUED WEST NORTHWESTWARD MOVEMENT WITH WEAKENING AIR FORCE PLANS RECONNAISSANCE FIX NEAR 072130Z. NEXT ADVISORY WILL BE ISSUED BY WEATHER BUREAU HONOLULU AT 080300Z.
RUSH WEATHER BUREAU HONOLULU.

AUGUST 7 1959 5 PM HST
ADVISORY NUMBER 26 TROPICAL STORM DOT
U. S. WEATHER BUREAU HONOLULU

TROPICAL STORM DOT ESTIMATED 23.0 NORTH 162.0 WEST AT 080000Z. POSITION POOR BASED ON EXTRAPOLATION. MAXIMUM WINDS 50 KNOTS IN SMALL AREA NEAR CENTER. RADIUS 30 KNOT WINDS 90 MILES. FORECAST MOVEMENT 290 DEGREES AT 10 KNOTS FOR THE NEXT 12 HOURS THEN 290 DEGREES AT 12 KNOTS THE FOLLOWING 12 HOURS. FORECAST POSITION 081200Z 23.6 NORTH 164.2 WEST WITH MAXIMUM WINDS 35 KNOTS. FORECAST POSITION 090000Z 24.3 NORTH 166.7 WEST WITH MAXIMUM WIND 30 KNOTS. 48 HOUR OUTLOOK CONTINUED WESTNORTHWESTWARD MOVEMENT AND FURTHER WEAKENING. AIR FORCE PLANS RECONNAISSANCE FIX AT 080300Z. NEXT ADVISORY WILL BE ISSUED BY WEATHER BUREAU HONOLULU AT 080900Z.
CHADSEY WEATHER BUREAU HONOLULU.

AUGUST 7 1959 11 PM HST
ADVISORY NUMBER 27 TROPICAL STORM DOT
U. S. WEATHER BUREAU HONOLULU

TROPICAL STORM DOT ESTIMATED AT 23.0 NORTH 161.0 WEST AT 080600Z. POSITION POOR DUE TO INABILITY OF RECONNAISSANCE INVESTIGATION AT 080210Z TO FIND ANY REMAINING SIGNS OF AN EYE. MAXIMUM WIND 40 KNOTS. RADIUS 30 KNOT WINDS 50 TO 60 MILES. FORECAST MOVEMENT UNCERTAIN BUT MOST LIKELY TO REMAIN STATIONARY AND WEAKEN NEXT 24 HOURS. FORECAST POSITION AT 090600Z 23.0 NORTH 161.0 WEST WITH MAXIMUM WINDS 25 KNOTS. 48 HOUR OUTLOOK FURTHER WEAKENING AND BECOMING TROUGH IN EASTERLIES. NO FURTHER RECONNAISSANCE PLANS. THIS IS FINAL BULLETIN.
CHADSEY WEATHER BUREAU HONOLULU.