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U.S. Weather Bureau.

Hurricane Nina. Nov. 30-Dec. 7, 1957.

N.O.A.A.
U.S. Dept. of Commerce

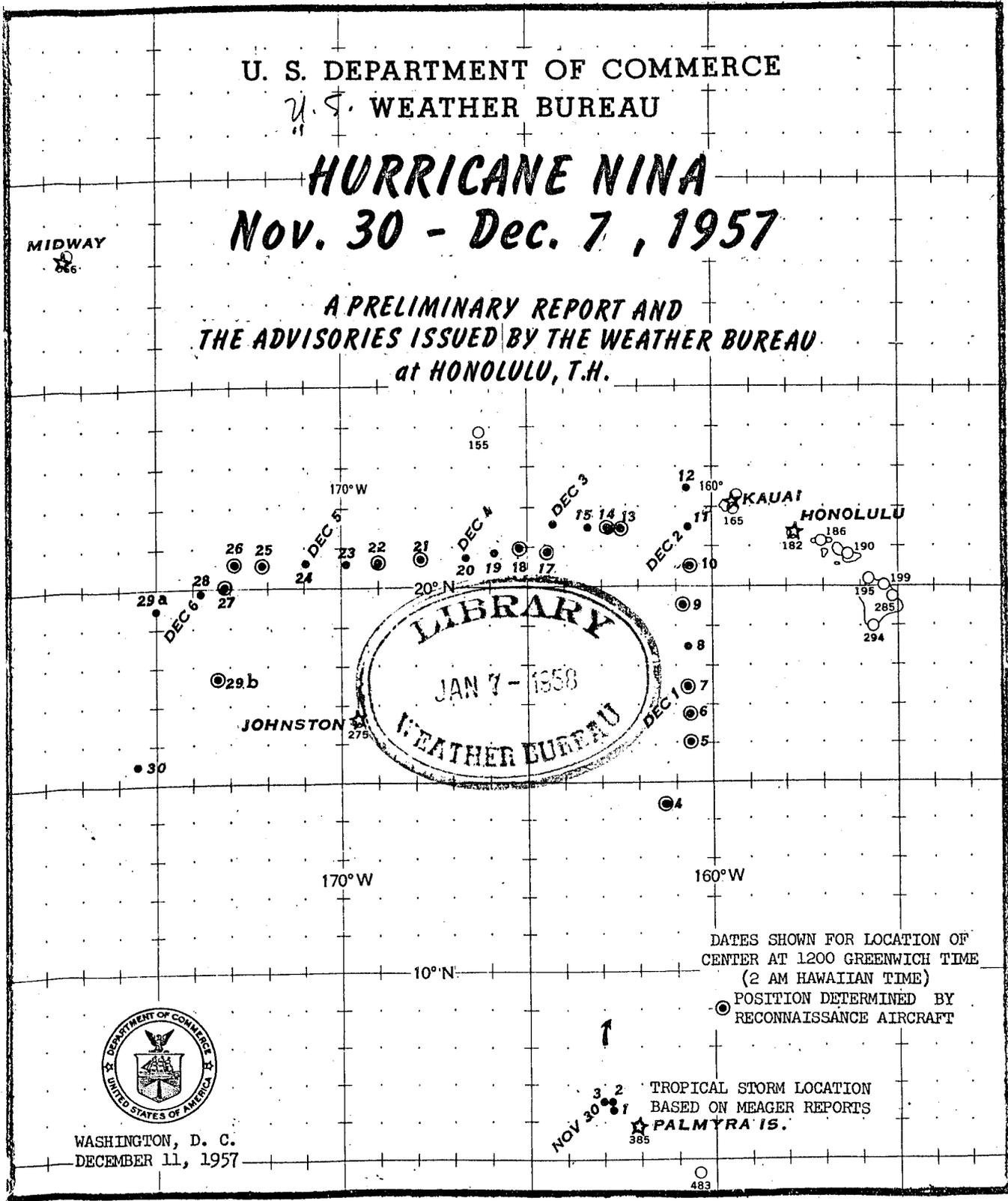
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U. S. DEPARTMENT OF COMMERCE
U.S. WEATHER BUREAU

HURRICANE NINA

Nov. 30 - Dec. 7, 1957

A PRELIMINARY REPORT AND
THE ADVISORIES ISSUED BY THE WEATHER BUREAU
at HONOLULU, T.H.



DATES SHOWN FOR LOCATION OF
CENTER AT 1200 GREENWICH TIME
(2 AM HAWAIIAN TIME)
● POSITION DETERMINED BY
RECONNAISSANCE AIRCRAFT

↑
NOV 30 3 2 1
TROPICAL STORM LOCATION
BASED ON MEAGER REPORTS
★ PALMYRA IS.
385



WASHINGTON, D. C.
DECEMBER 11, 1957

National Oceanic and Atmospheric Administration Weather Bureau Hurricane Series

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November 6, 2007

WEDNESDAY, DECEMBER 11, 1957

PRELIMINARY REPORT ON HURRICANE NINA
NOVEMBER 30-DECEMBER 7, 1957

Hurricane Nina is the second hurricane to threaten the Hawaiian Territory in recent times and came closer to the Islands than the hurricane of August 1950. When the storm was first detected on Friday morning, November 29, 1957, near Palmyra Island (about 1,000 miles southsouthwest of Honolulu) winds were estimated at 50 knots in squalls. Its position and intensity were estimated on the basis of surface reports from the cooperative station operated by Scripps Institution of Oceanography at Palmyra. A plane of the 57th Air Force Weather Reconnaissance Squadron was able to obtain a good fix of its location on Saturday. By Sunday Nina had developed into hurricane intensity. Winds generally of 70 knots with gusts to 90 knots persisted near the center during its northward movement to the vicinity of Kauai Island where it curved sharply westward along the 20th Parallel. On December 4th, Hurricane Nina reached its highest intensity with sustained wind speeds of 90 knots and gusts to 120 knots while the center was located some 300 miles northeast of Johnston Island. Its force decreased thereafter and by 0300Z on December 7th, when the last advisory was issued on Nina, the winds had diminished to 30 knots in scattered squalls.

The Island of Kauai experienced the direct winds, seas, and rain of the hurricane. On Kauai, the Kilauea Coast Guard Station reported winds of 80 knots at 8:00 p.m. on Sunday, December 1st. High waves battered the south coast. Waves at Poipu (Kauai coastal town) were estimated at 35 feet in height on Sunday and 15 to 20 the following day. Heavy rainfall of 20.42 inches occurred in a 14-hour period between about 8:00 a.m. and 10:47 p.m. Sunday, December 1st, at Wainiha on Kauai. As a result of the severe threat that Nina posed to Kauai Island on Sunday night, December 1st, many persons fled their low-lying homes. Roads were washed out by floods from heavy rain. About a dozen homes were damaged by high waves on the coast of southern Kauai. The total damage figure is estimated at about \$100,000.

Some wind damage to Oahu and the Islands to the southeast on Saturday, November 30th, occurred in squally weather in the northeast trade winds outside the circulation of Hurricane Nina. Most of the unusually high winds were observed on the lee slopes with the maximum sustained speed being about 35 knots.

At Honolulu Airport gusts of 71 knots set an all-time record on Saturday night (November 30) when the eye of Hurricane Nina was located about 300 miles southsouthwest of Honolulu.

The hurricane caused at least one death. A city electrician was electrocuted on Oahu. Two vessels were reported in distress at sea. A sampan "Setsu Maru" with three fishermen aboard were reported missing near Kauai. The merchant vessel "Margarita Chandris" was reported in distress northwest of Oahu during the passage of the hurricane but subsequently made port.

Air lines and surface vessels ceased operation over the weekend. More than 1250 air travelers were reported delayed at Honolulu and elsewhere at Pacific air terminals by the hurricane.

ADVISORY NUMBER 1
TROPICAL STORM
U. S. WEATHER BUREAU HONOLULU
0300Z 30 NOVEMBER 1957

TROPICAL STORM POSITION POOR ESTIMATED 6.3 DEGREES NORTH 162.8 DEGREES WEST AT 300000Z. POSITION BASED ON LAND STATION REPORT. MAXIMUM WINDS ESTIMATED 50 KNOTS IN SQUALLS WITHIN RADIUS OF 75 MILES AND LOCALLY HEAVY SQUALLS WITH MAXIMUM WINDS 35 KNOTS WITHIN 200 MILES OF CENTER. NO INDICATED MOVEMENT. FORECAST POSITIONS FOR 301500Z AND 010300Z NO CHANGE. AMMAN WEATHER BUREAU

ADVISORY NUMBER 2
TROPICAL STORM
U. S. WEATHER BUREAU HONOLULU
0900Z 30 NOVEMBER 1957

TROPICAL STORM POSITION POOR ESTIMATED 6.5 DEGREES NORTH 162.8 DEGREES WEST AT 300600Z. POSITION BASED ON LAND STATION REPORT. MAXIMUM WINDS ESTIMATED 50 KNOTS IN SQUALLS WITHIN RADIUS OF 75 MILES AND LOCALLY HEAVY SQUALLS WITH MAXIMUM WINDS 35 KNOTS WITHIN 200 MILES OF CENTER. MOVEMENT UNCERTAIN ESTIMATED STATIONARY. FORECAST POSITIONS FOR 302100Z AND 010900Z NO CHANGE. AMMAN WEATHER BUREAU

ADVISORY NUMBER 3
TROPICAL STORM
U. S. WEATHER BUREAU HONOLULU
1500Z 30 NOVEMBER 1957

TROPICAL STORM POSITION ESTIMATED 6.5 NORTH 163.0 WEST AT 301200Z. POSITION POOR BASED ON MEAGER REPORTS. MAXIMUM WINDS ESTIMATED 55 KNOTS IN SQUALLS WITHIN RADIUS OF 75 MILES OF CENTER AND LOCALLY HEAVY SQUALLS WITH WINDS UP TO 35 KNOTS OUTWARD TO 200 MILES FROM CENTER. MOVEMENT UNCERTAIN ESTIMATED STATIONARY. FORECAST POSITIONS AT 010000Z AND 011200Z NO CHANGE. FOLLANSBEE WEATHER BUREAU

ADVISORY NUMBER 4
TROPICAL STORM
U. S. WEATHER BUREAU HONOLULU
2100Z 30 NOVEMBER 1957

TROPICAL STORM CENTERED 14.4 NORTH 161.3 AT 301800Z. POSITION GOOD BASED ON RECONNAISSANCE FIX. MAXIMUM WINDS 60 KNOTS OVER SMALL AREA NORTH OF THE CENTER. RADIUS OF 50 KNOT WINDS 50 MILES IN NORTH AND EAST QUADRANTS. FORECAST MOVEMENT 020 DEGREES 20 KNOTS. FORECAST POSITION 17.4 NORTH 160.0 WEST AT 010900Z. 21.4 NORTH 159.5 WEST AT 012100Z. SHIDELER WEATHER BUREAU

ADVISORY NUMBER 5
HURRICANE NINA
U. S. WEATHER BUREAU HONOLULU
0300Z 1 DECEMBER 1957
BULLETIN VALID 010000Z

TROPICAL STORM HAS BECOME A HURRICANE. POSITION GOOD BASED ON RECON FIX AT 302235Z. CENTER 16.0 NORTH 160.7 WEST. MAXIMUM WINDS 70 KNOTS. RADIUS OF 50 KNOT WINDS 150 MILES IN NORTH SEMICIRCLE AND 75 MILES IN SOUTH SEMICIRCLE. VERY ROUGH SEAS. FORECAST MOVEMENT 020 DEGREES 20 KNOTS. FORECAST POSITION 19.8 NORTH 159.5 WEST AT 011200Z AND 23.5 NORTH 158.2 WEST AT 020000Z. FORECAST MAXIMUM WINDS 70 KNOTS NEXT 12 HOURS GRADUALLY DECREASING IN FOLLOWING 12 HOURS. AMMAN WEATHER BUREAU

ADVISORY NUMBER 6
HURRICANE NINA
U. S. WEATHER BUREAU HONOLULU
0900Z 1 DECEMBER 1957
BULLETIN VALID 0600Z

HURRICANE NINA WAS CENTERED AT 16.8 NORTH 160.7 WEST POSITION GOOD BASED ON RECON FIX. MAXIMUM WINDS 70 KNOTS. RADIUS OF 50 KNOT WINDS 150 MILES IN NORTH SEMICIRCLE AND 50 MILES IN SOUTH SEMICIRCLE. FORECAST MOVEMENT 360 DEGREES AT 8 KNOTS. FORECAST POSITION FOR 011800Z 18.3 NORTH 160.6 WEST AND FOR 020600Z 19.8 NORTH 160.4 WEST WITH MAXIMUM WINDS 70 KNOTS. AMMAN WEATHER BUREAU

ADVISORY NUMBER 7
HURRICANE NINA
U. S. WEATHER BUREAU HONOLULU
1500Z 1 DECEMBER 1957
BULLETIN VALID 1200Z

HURRICANE NINA AT 17.4 NORTH 160.7 WEST POSITION GOOD BASED ON RECONNAISSANCE MAXIMUM WINDS OF 75 KNOTS NEAR CENTER. RADIUS OF 50 KNOT WINDS 100 MILES IN NORTH SEMICIRCLE AND 50 MILES IN SOUTH SEMICIRCLE. FORECAST MOVEMENT 360 DEGREES AT 8 KNOTS FOR NEXT 24 HOURS. FORECAST POSITION AT 020000Z 19.0 NORTH 160.7 WEST AND AT 021200Z 20.4 NORTH 160.7 WEST WITH MAXIMUM WINDS OF 80 KNOTS. BANKEN WEATHER BUREAU.

ADVISORY NUMBER 8
HURRICANE NINA
U. S. WEATHER BUREAU HONOLULU
2100Z 1 DECEMBER 1957
BULLETIN VALID 011800Z

HURRICANE NINA AT 18.4 NORTH 160.6 WEST. POSITION POOR BASED ON EARLIER RECON AND EXTRAPOLATION. MAXIMUM WINDS 70 KNOTS WITH PEAK GUSTS 90 KNOTS. RADIUS OF 50 KNOT WINDS 150 MILES NORTHERN SEMICIRCLE AND 60 MILES SOUTHERN SEMICIRCLE. FORECAST MOVEMENT 020 DEGREES 10 KNOTS FOR NEXT 24 HOURS. FORECAST POSITION AT 020600Z 20.2 NORTH 160.0 WEST AND AT 021800Z 22.1 NORTH 159.1 WEST. FOLLANSBEE WEATHER BUREAU

ADVISORY NUMBER 9
HURRICANE NINA
U. S. WEATHER BUREAU HONOLULU
0300Z 2 DECEMBER 1957
BULLETIN VALID 020000Z

HURRICANE NINA WAS CENTERED AT 19.7 NORTH 160.9 WEST POSITION GOOD BASED ON RECON FIX. MAXIMUM WINDS 70 KNOTS WITH PEAK GUSTS 85 KNOTS. RADIUS OF 50 KNOT WINDS 100 MILES IN NORTH SEMICIRCLE AND 50 KNOT IN SOUTH SEMICIRCLE. FORECAST MOVEMENT 360 DEGREES 11 KNOTS. FORECAST POSITIONS FOR 021200Z 22.2 NORTH 160.9 WEST AND FOR 030000Z 24.2 NORTH 160.9 WEST WITH MAXIMUM WINDS 70 KNOTS. AMMAN WEATHER BUREAU

ADVISORY NUMBER 10
HURRICANE NINA
U. S. WEATHER BUREAU HONOLULU
0900Z 2 DECEMBER 1957
BULLETIN VALID 020600Z

HURRICANE NINA WAS CENTERED AT 20.4 NORTH 160.7 WEST POSITION GOOD BASED ON RECON FIX. MAXIMUM WINDS 70 KNOTS WITH PEAK GUSTS 80 KNOTS. RADIUS OF 50 KNOT WINDS 100 MILES IN NORTH SEMICIRCLE AND 75 KNOTS IN SOUTH SEMI-CIRCLE. FORECAST MOVEMENT 360 DEGREES 10 KNOTS NEXT 12 HOURS AND 020 DEGREES 10 KNOTS FOLLOWING 12 HOURS. FORECAST POSITIONS FOR 021800Z 22.4 NORTH 160.7 WEST AND FOR 030600Z 24.4 NORTH 160.4 WEST WITH MAXIMUM WINDS 70 KNOTS. AMMAN WEATHER BUREAU

ADVISORY NUMBER 11
HURRICANE NINA
U. S. WEATHER BUREAU HONOLULU
1500Z 2 DECEMBER 1957
BULLETIN VALID 1200Z

HURRICANE NINA IS CENTERED NEAR 21.4 NORTH 160.7 WEST. POSITION FAIR BASED ON EXTRAPOLATION AND SURFACE DATA. MAXIMUM WINDS NEAR CENTER OF 75 KNOTS WITH GUSTS TO 90 KNOTS. RADIUS OF 50 KNOT WINDS 100 MILES IN NORTH SEMICIRCLE AND 75 MILES IN SOUTH SEMICIRCLE. FORECAST MOVEMENT FOR NEXT 24 HOURS 360 DEGREES AT 10 KNOTS WITH GOOD CHANCE OF RECURVATURE TO THE NORTHWEST LATE IN PERIOD OR BY END OF PERIOD. FORECAST POSITION AT 030000Z 23.4 NORTH 160.7 AND AT 031200Z 25.4 NORTH AND 160.7 WEST. BANKEN WEATHER BUREAU

ADVISORY NUMBER 12
HURRICANE NINA
U. S. WEATHER BUREAU HONOLULU
2100Z 2 DECEMBER 1957
BULLETIN VALID 021800Z

HURRICANE NINA IS CENTERED NEAR 22.4 NORTH 160.7 WEST AT 021800Z. POSITION POOR BASED ON EXTRAPOLATION AND INCOMPLETE RECONNAISSANCE. MAXIMUM WINDS NEAR CENTER 70 KNOTS. MOVEMENT NEXT 12 HOURS NORTH AT 10 KNOTS BECOMING NORTHWEST AT 8 KNOTS FOLLOWING 12 HOURS. FORECAST POSITION AT 030600Z 24.4 NORTH 160.8 WEST AND AT 031800Z 25.5 NORTH 162.0 WEST WITH MAXIMUM WINDS STILL 70 KNOTS. NEXT REGULAR BULLETIN WILL BE ISSUED AT 030300Z. FOLLANSBEE WEATHER BUREAU

ADVISORY NUMBER 13
HURRICANE NINA
U. S. WEATHER BUREAU HONOLULU
2245Z 2 DECEMBER 1957
BULLETIN VALID 022100Z

HURRICANE NINA WAS CENTERED NEAR 21.4 NORTH 162.5 WEST AT 022100Z. POSITION GOOD BASED ON RECONNAISSANCE FIX. MAXIMUM WINDS NEAR CENTER 65 KNOTS. RADIUS OF 50 KNOT WINDS 100 MILES IN NORTH SEMICIRCLE AND 50 MILES IN SOUTH SEMICIRCLE. FORECAST MOVEMENT 270 DEGREES AT 8 KNOTS FIRST 12 HOURS THEN 250 DEGREES AT 10 KNOTS NEXT 12 HOURS. FORECAST POSITION AT 030900Z 21.4 NORTH 164.2 WEST AND AT 032100Z 20.7 NORTH 166.2 WEST WITH MAXIMUM WINDS 65 KNOTS. NEXT REGULAR BULLETIN WILL BE ISSUED AT 030300Z. FOLLANSBEE WEATHER BUREAU

ADVISORY NUMBER 14
HURRICANE NINA
U. S. WEATHER BUREAU HONOLULU
0300Z 3 DECEMBER 1957
BULLETIN VALID 030000Z

HURRICANE NINA WAS LOCATED AT 21.4 NORTH 162.8 WEST AT 030020Z BY RECONNAISSANCE AIRCRAFT. MAXIMUM SURFACE WINDS 70 KNOTS WITH GUSTS TO 90 KNOTS. RADIUS 50 KNOT WINDS 120 MILES NORTHWEST QUADRANT AND 75 MILES OTHER QUADRANTS. FORECAST MOVEMENT 280 DEGREES 6 KNOTS NEXT 12 HOURS BECOMING 240 DEGREES 6 KNOTS THEREAFTER. FORECAST POSITIONS 21.5 NORTH 163.9 WEST AT 031200Z AND 21.2 NORTH 165.2 WEST AT 040000Z WITH MAXIMUM SUSTAINED WINDS 70 KNOTS. NEXT REGULAR BULLETIN WILL BE ISSUED AT 030900Z. WYLIE WEATHER BUREAU

ADVISORY NUMBER 15
HURRICANE NINA
U. S. WEATHER BUREAU HONOLULU
0900Z 3 DECEMBER 1957
BULLETIN VALID 030600Z

HURRICANE NINA ESTIMATED TO BE CENTERED AT 21.4 NORTH 163.4 WEST. POSITION FAIR BASED ON EXTRAPOLATION. MAXIMUM SURFACE WINDS 70 KNOTS WITH GUSTS TO 90 KNOTS. RADIUS 50 KNOT WINDS 120 MILES NORTHERN SEMICIRCLE AND 75 MILES IN SOUTHERN SEMICIRCLE. FORECAST MOVEMENT 260 DEGREES 6 KNOTS IN 12 HOURS BECOMING 240 DEGREE 6 KNOTS THEREAFTER. FORECAST POSITIONS 21.3 NORTH 164.5 WEST AT 031800Z AND 21.0 NORTH 165.6 WEST AT 040600Z WITH MAXIMUM SUSTAINED WINDS 70 KNOTS. NEXT REGULAR BULLETIN WILL BE ISSUED AT 031500Z. WYLIE WEATHER BUREAU

ADVISORY NUMBER 16
HURRICANE NINA
U. S. WEATHER BUREAU HONOLULU
1500Z 3 DECEMBER 1957
BULLETIN VALID 1200Z

HURRICANE NINA ESTIMATED TO BE CENTERED AT 21.6 NORTH 164.4 WEST. POSITION POOR BASED ON LIMITED SURFACE AND AIRCRAFT REPORTS. MAXIMUM WINDS NEAR CENTER OF 70 KNOTS WITH GUSTS TO 90 KNOTS. RADIUS OF 50 KNOT WINDS 120 MILES IN NORTHERN SEMICIRCLE AND 75 MILES IN SOUTHERN SEMICIRCLE. FORECAST MOVEMENT FOR NEXT 24 HOURS 250 DEGREES AT 8 KNOTS. FORECAST POSITION AT 040000Z 21.2 NORTH 165.8 WEST AND AT 041200Z 20.7 NORTH 167.2 WEST WITH MAXIMUM WINDS OF 70 KNOTS. BANKEN WEATHER BUREAU

ADVISORY NUMBER 17
HURRICANE NINA
U. S. WEATHER BUREAU HONOLULU
2100Z 3 DECEMBER 1957
BULLETIN VALID 1800Z

AT 1800Z HURRICANE NINA WAS CENTERED AT 20.9 NORTH 164.5 WEST. POSITION GOOD BASED ON RECONNAISSANCE FIX. MAXIMUM WINDS 65 KNOTS NEAR CENTER. RADIUS OF 50 KNOT WINDS 100 MILES NORTH SEMICIRCLE AND 50 MILES SOUTH SEMICIRCLE. FORECAST MOVEMENT 240 DEGREES 6 KNOTS. FORECAST POSITION 20.3 NORTH 165.7 WEST AT 040600Z. 19.7 NORTH 166.8 WEST AT 041800Z. MAXIMUM SUSTAINED WINDS 65 KNOTS. NEXT REGULAR BULLETIN WILL BE ISSUED AT 040300Z. SHIDELER WEATHER BUREAU

ADVISORY NUMBER 18
HURRICANE NINA
U. S. WEATHER BUREAU HONOLULU
0300Z 4 DECEMBER 1957
BULLETIN VALID 040000Z

HURRICANE NINA WAS LOCATED AT 21.0 NORTH 165.2 WEST AT 040016Z BY RECONNAISSANCE AIRCRAFT. MAXIMUM SUSTAINED SURFACE WINDS 70 KNOTS WITH GUSTS TO 90 KNOTS. RADIUS 50 KNOT WINDS 120 MILES NORTHERN SEMICIRCLE AND 70 MILES SOUTHERN SEMICIRCLE. FORECAST MOVEMENT 260 DEGREES 8 KNOTS NEXT 24 HOURS. FORECAST POSITIONS 20.7 NORTH 166.9 WEST AT 041200Z AND 20.5 NORTH 168.6 WEST AT 050000Z WITH MAXIMUM SUSTAINED WINDS 70 KNOTS. NEXT REGULAR BULLETIN WILL BE ISSUED AT 040900Z. WYLIE WEATHER BUREAU

ADVISORY NUMBER 19
HURRICANE NINA
U. S. WEATHER BUREAU HONOLULU
0900Z 4 DECEMBER 1957
BULLETIN VALID 040600Z

HURRICANE NINA ESTIMATED TO BE CENTERED AT 20.9 NORTH 165.9 WEST. POSITION FAIR BASED ON EXTRAPOLATION. MAXIMUM SUSTAINED SURFACE WINDS 70 KNOTS WITH GUSTS TO 90 KNOTS. RADIUS 50 KNOT SUSTAINED WINDS 120 MILES NORTHERN SEMICIRCLE AND 70 MILES SOUTHERN SEMICIRCLE. FORECAST MOVEMENT 260 DEGREES 8 KNOTS NEXT 24 HOURS. FORECAST POSITIONS 20.7 NORTH 167.5 WEST AT 041800Z AND 20.5 NORTH 169.2 WEST AT 050600Z WITH MAXIMUM SUSTAINED WINDS NEAR CENTER OF 70 KNOTS. NEXT BULLETIN WILL BE ISSUED AT 041500Z. WYLIE WEATHER BUREAU

ADVISORY NUMBER 20
HURRICANE NINA
U. S. WEATHER BUREAU HONOLULU
1500Z 4 DECEMBER 1957
BULLETIN VALID 041200Z

HURRICANE NINA ESTIMATED TO BE CENTERED AT 20.7 NORTH 166.7 WEST. POSITION POOR BASED ON EXTRAPOLATION. MAXIMUM SUSTAINED WINDS OF 90 KNOTS AT SURFACE WITH GUSTS TO 120 KNOTS. RADIUS OF 50 KNOTS WINDS 120 MILES IN NORTHERN SEMICIRCLE AND 75 MILES IN SOUTHERN SEMICIRCLE. FORECAST MOVEMENT 260 DEGREES AT 8 KNOTS FOR NEXT 24 HOURS. FORECAST POSITION AT 050000Z 20.4 NORTH 168.2 WEST AND AT 051200Z 20.2 NORTH 169.7 WEST. BANKEN WEATHER BUREAU

ADVISORY NUMBER 21
HURRICANE NINA
U. S. WEATHER BUREAU HONOLULU
2100Z 4 DECEMBER 1957
BULLETIN VALID 041800Z

HURRICANE NINA WAS CENTERED AT 20.6 NORTH 167.9 WEST AT 041800Z. POSITION GOOD BASED ON RECONNAISSANCE FLIGHT. MAXIMUM SUSTAINED WIND 70 KNOTS NEAR CENTER. RADIUS OF 50 KNOT WINDS 150 MILES NORTH SEMICIRCLE AND 100 MILES SOUTH SEMICIRCLE. FORECAST MOVEMENT 260 DEGREES 8 KNOTS. FORECAST POSITION 20.3 NORTH 169.5 WEST AT 050600Z AND 20.1 NORTH 171.2 WEST AT 051800Z. NEXT BULLETIN WILL BE ISSUED AT 050300Z.

ADVISORY NUMBER 22
HURRICANE NINA
U. S. WEATHER BUREAU HONOLULU
0300Z 5 DECEMBER 1957

HURRICANE NINA WAS LOCATED BY RECONNAISSANCE AIRCRAFT AT 20.6 NORTH 169.0 WEST AT 050045Z. MAXIMUM SUSTAINED SURFACE WINDS 75 KNOTS WITH GUSTS TO 95 KNOTS. RADIUS 50 KNOT SUSTAINED WINDS 150 MILES NORTHERN SEMICIRCLE AND 100 MILES SOUTHERN SEMICIRCLE. FORECAST MOVEMENT 270 DEGREES 10 KNOTS. FORECAST POSITIONS 20.6 NORTH 171.1 WEST AT 051200Z AND 20.6 NORTH 173.3 WEST AT 060000Z WITH MAXIMUM SUSTAINED WINDS TO 75 KNOTS. NEXT BULLETIN WILL BE ISSUED AT 050900Z. WYLLIE WEATHER BUREAU

ADVISORY NUMBER 23
HURRICANE NINA
U. S. WEATHER BUREAU HONOLULU
0900Z 5 DECEMBER 1957

HURRICANE NINA ESTIMATED TO BE CENTERED AT 20.6 NORTH 169.9 WEST AT 050600Z. POSITION FAIR BASED ON EXTRAPOLATION. MAXIMUM SUSTAINED WINDS 75 KNOTS WITH GUSTS TO 95 KNOTS. RADIUS OF 50 KNOT SUSTAINED WINDS 150 MILES NORTHERN SEMICIRCLE AND 100 MILES SOUTHERN SEMICIRCLE. FORECAST MOVEMENT 270 DEGREES 10 KNOTS. FORECAST POSITION 20.6 NORTH 172.1 WEST AT 051800Z AND 20.6 NORTH 174.2 WEST AT 060600Z WITH MAXIMUM SUSTAINED WINDS 75 KNOTS. NEXT BULLETIN WILL BE ISSUED AT 051500Z. WYLLIE WEATHER BUREAU

ADVISORY NUMBER 24
HURRICANE NINA
U. S. WEATHER BUREAU HONOLULU
1500Z 5 DECEMBER 1957

HURRICANE NINA ESTIMATED TO BE CENTERED AT 20.6 NORTH 171.0 WEST AT 051200Z. POSITION FAIR BASED ON EXTRAPOLATION. MAXIMUM SUSTAINED WINDS 75 KNOTS WITH GUSTS TO 95 KNOTS. RADIUS OF 50 KNOT SUSTAINED WINDS 150 MILES NORTHERN SEMICIRCLE AND 100 MILES SOUTHERN SEMICIRCLE. FORECAST MOVEMENT 270 DEGREES 10 KNOTS. FORECAST POSITIONS 20.6 NORTH 173.0 WEST AT 060000Z AND 20.6 NORTH 175.0 WEST AT 061200Z WITH MAXIMUM SUSTAINED WINDS 75 KNOTS. NEXT BULLETIN WILL BE ISSUED AT 062100Z. MOORE WEATHER BUREAU

ADVISORY NUMBER 25
HURRICANE NINA
U. S. WEATHER BUREAU HONOLULU
2100Z 5 DECEMBER 1957

HURRICANE NINA WAS CENTERED AT 20.6 NORTH 172.1 WEST AT 051800Z. POSITION GOOD BASED ON RECONNAISSANCE FIX. MAXIMUM WINDS NEAR CENTER 75 KNOTS. RADIUS OF 50 KNOT WINDS 150 MILES IN NORTH SEMICIRCLE AND 100 MILES IN SOUTH SEMICIRCLE. FORECAST MOVEMENT 270 DEGREES AT 10 KNOTS NEXT 24 HOURS. FORECAST POSITION 060600Z 20.6 NORTH 174.2 WEST AND AT 061800Z 20.6 NORTH 176.3 WEST. NEXT REGULAR BULLETIN WILL BE ISSUED AT 070300Z. FOLLANSBEE WEATHER BUREAU

ADVISORY NUMBER 26
TROPICAL STORM
U. S. WEATHER BUREAU HONOLULU
0000Z 6 DECEMBER 1957

FORMER HURRICANE NINA HAS DEGENERATED INTO A TROPICAL STORM WITH MAXIMUM WINDS NEAR CENTER 60 KNOTS. POSITION AT 052300Z WAS 20.6 NORTH 172.9 WEST. POSITION GOOD BASED ON RECONNAISSANCE FIX. RADIUS OF 50 KNOT WINDS 50 MILES. FORECAST MOVEMENT 270 DEGREES AT 10 KNOTS NEXT 12 HOURS THEN 260 DEGREES AT 10 KNOTS FOLLOWING 12 HOURS. FORECAST POSITION AT 061100Z 20.6 NORTH 175.0 WEST AND AT 062300Z 20.2 NORTH 177.0 WEST WITH MAXIMUM WINDS 55 KNOTS. NEXT REGULAR BULLETIN WILL BE ISSUED AT 060300Z. FOLLANSBEE WEATHER BUREAU

ADVISORY NUMBER 27
TROPICAL STORM
U. S. WEATHER BUREAU HONOLULU
0300Z 6 DECEMBER 1957

TROPICAL STORM CENTER LOCATED BY RECONNAISSANCE AIRCRAFT AT 20.0 NORTH 173.1 WEST AT 060053Z. MAXIMUM SUSTAINED SURFACE WINDS 60 KNOTS. RADIUS 50 KNOT WINDS 50 MILES. FORECAST MOVEMENT 250 DEGREES 10 KNOTS NEXT 24 HOURS. FORECAST POSITIONS 19.8 NORTH 174.8 WEST AT 061200Z AND 19.4 NORTH 176.9 WEST AT 070000Z WITH MAXIMUM SUSTAINED WINDS 55 KNOTS. NEXT REGULAR BULLETIN WILL BE ISSUED AT 060900Z. WYLIE WEATHER BUREAU

ADVISORY NUMBER 28
TROPICAL STORM
U. S. WEATHER BUREAU HONOLULU
0900Z 6 DECEMBER 1957

TROPICAL STORM CENTERED 19.9 NORTH 173.8 WEST. POSITION FAIR BASED ON EXTRAPOLATION. MAXIMUM WINDS 60 KNOTS. RADIUS 50 KNOT WINDS 50 MILES. FORECAST MOVEMENT 250 DEGREES 10 KNOTS. FORECAST POSITIONS 19.6 NORTH 175.8 WEST AT 061800Z AND 19.3 NORTH 177.8 AT 070600Z WITH MAXIMUM WINDS 55 KNOTS. NEXT BULLETIN WILL BE ISSUED AT 061500Z. WYLIE WEATHER BUREAU

ADVISORY NUMBER 29 (a)
TROPICAL STORM
U. S. WEATHER BUREAU HONOLULU
1500Z 6 DECEMBER 1957

TROPICAL STORM CENTERED 19.4 NORTH 175.0 WEST. POSITION FAIR BASED ON EXTRAPOLATION. MAXIMUM WINDS 60 KNOTS. RADIUS 50 KNOT WINDS 50 MILES. FORECAST MOVEMENT 250 DEGREES 10 KNOTS FORECAST POSITIONS 18.9 NORTH 177.1 WEST AT 070000Z AND 18.2 NORTH 179.0 WEST AT 071200Z WITH MAXIMUM WINDS 60 KNOTS. NEXT BULLETIN WILL BE ISSUED AT 062100Z. CHADSEY WEATHER BUREAU

ADVISORY NUMBER 29 (b)
HURRICANE NINA
U. S. WEATHER BUREAU HONOLULU
2100Z 6 DECEMBER 1957

HURRICANE NINA WAS CENTERED AT 17.8 NORTH 173.3 WEST AT 061800Z. POSITION GOOD BASED ON RECONNAISSANCE FIX. MAXIMUM WINDS 70 KNOTS OVER SMALL AREA NEAR CENTER. RADIUS OF 50 KNOT WINDS 75 MILES WEST SEMICIRCLE AND 50 MILES EAST SEMICIRCLE. FORECAST MOVEMENT 200 DEGREES 8 KNOTS. FORECAST POSITION 16.2 NORTH 173.6 WEST AT 070600Z AND 14.7 NORTH 173.9 WEST AT 071800Z. NEXT BULLETIN WILL BE ISSUED AT 070300Z. SHIDELER WEATHER BUREAU

ADVISORY NUMBER 30
TROPICAL STORM
U. S. WEATHER BUREAU HONOLULU
0300Z 7 DECEMBER 1957

FORMER HURRICANE NINA IS APPARENTLY DISSIPATING IN THE VICINITY OF 15.5 NORTH 175.5 WEST. RECONNAISSANCE AIRCRAFT FAILED TO LOCATE EITHER AN EYE OR A CLOSED CIRCULATION AT ABOUT 070000Z. MAXIMUM SURFACE WINDS IN AREA NOW ESTIMATED TO BE 30 KNOTS IN SCATTERED SQUALLS. THIS WILL BE FINAL BULLETIN ON THIS STORM UNLESS LATER INFORMATION INDICATES REGENERATION. WYLIE WEATHER BUREAU