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# TROPICAL STORM DORIA

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U.S. DEPARTMENT OF COMMERCE  
National Oceanic and Atmospheric Administration  
National Weather Service

Preliminary Report

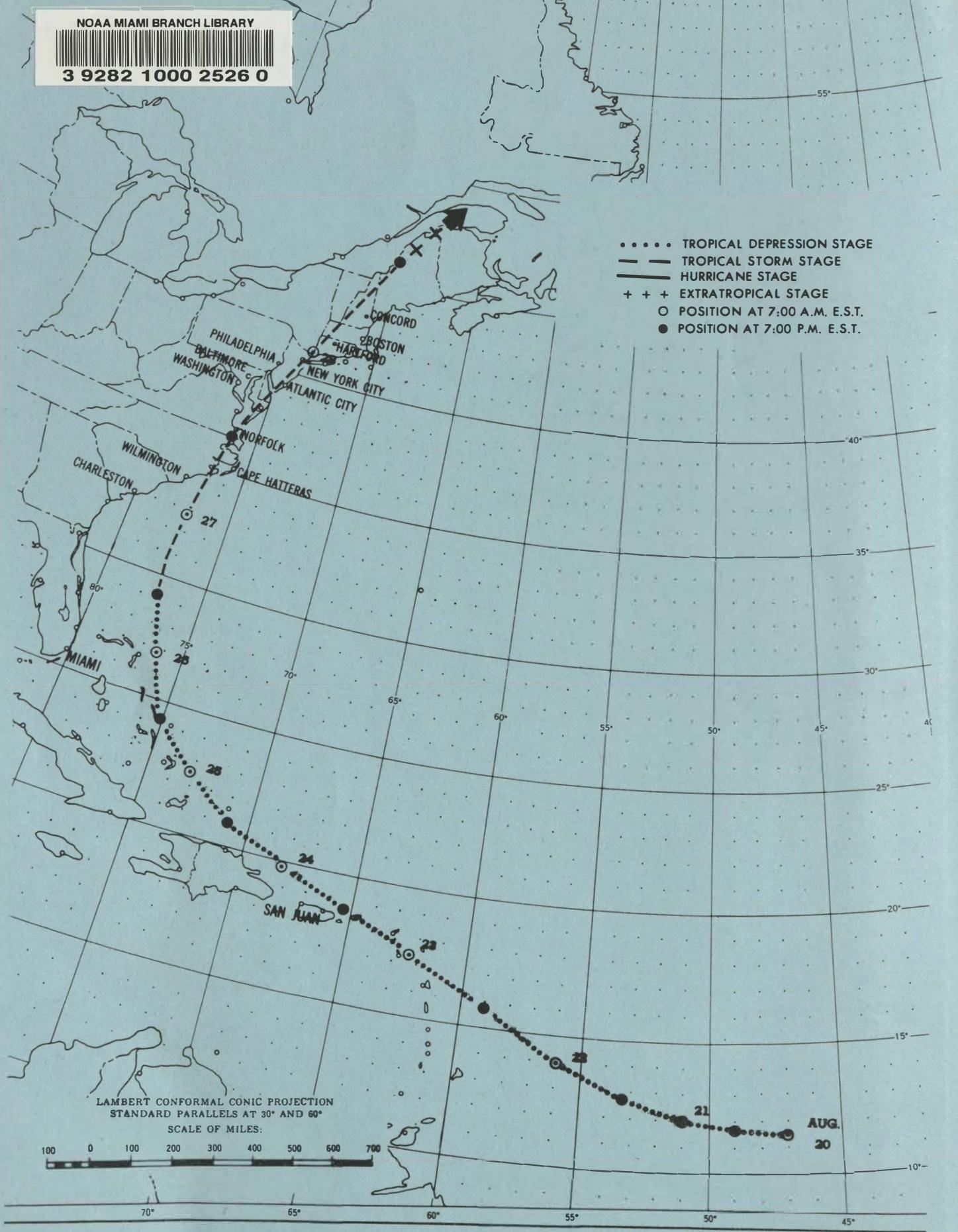
AUGUST 20-29, 1971

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PRELIMINARY REPORT ON TROPICAL STORM DORIA

AUGUST 20 - 29, 1971

Tropical storm Doria was the third tropical cyclone this season to skirt the U.S. Atlantic coast. She was the first to cross it. Doria brought much-needed rain, yet the rain was responsible for flooding, and flooding was responsible for five of the seven storm-related deaths. In New England, Doria's storm surge fortunately occurred at low tide. Yet, sightseers were able to get close to the shore and one person drowned while saving two others who had been pulled in by the surf. Preliminary damage estimates are close to \$150 million. Most damage was the result of flooding. Seven people were killed: three in New Jersey, one in Massachusetts, one in Pennsylvania, one in New York, and one in Virginia.

Doria was spawned by an African disturbance which had moved across the Atlantic. Interest in the system was spurred by satellite pictures early on August 20. These pictures showed an organized cloud pattern about 1,000 miles east of the Windward Islands. Reconnaissance aircraft reached the newly formed tropical depression later in the day. There was little change in Doria's second stage of development as she moved west-northwestward through the Leeward Islands on the 23d and into the Bahama Islands on the 25th. The storm became better organized and generated 35- to 40-m.p.h. squalls northeast of its center. On the afternoon of the 26th, reconnaissance aircraft found a definite 1008-mb center about 100 miles north of the Bahamas. The depression was named Doria and few hours later became a tropical storm. She plodded northward and deepened 20 mb in 24 hours.

Early on the afternoon of the 27th, Doria crossed the North Carolina coast, west of Morehead City. Just prior to landfall, her central pressure reached its lowest point - 29.20 inches (989 mb). Doria pounded eastern North Carolina with gales and driving rain as she moved across the state and into southeastern Virginia that evening. The Outer Banks and the shores of Pamlico and Albemarle Sounds were pelted by 4- to 5-inch rains, lashed by 60-m.p.h. wind gusts, and inundated by 1- to 2-foot above normal tides. At Atlantic Beach, close to Doria's point of landfall, winds reached 69 m.p.h. in gusts, tides were 3 to 4 feet above normal, and pressure dropped to 29.38 inches. Heaviest rains fell ahead of the storm, and the 4-inch totals were confined to eastern sections of the State. Damage throughout North Carolina was minor, and preliminary estimates of property and crop damage were about \$150,000. No storm-related deaths were reported.

The day before Doria reached North Carolina, a stationary frontal trough hung over the east coast, bringing rains from North Carolina to New England. The combination of this trough and Doria produced the high rainfall totals that occurred during the 2-day period. The storm rainfall amounts resulted from this combination of factors.

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Doria accelerated and moved up the Virginia-Maryland-Delaware shore during the night of the 27th. Norfolk sustained 52-m.p.h. winds in the early evening, and tides were 3.6 feet above normal at Portsmouth Navy Yard. Doria spawned a tornado which touched down near Norfolk Regional Airport causing some \$250,000 damage. The tropical storm itself caused some \$125,000 damage in southeastern Virginia. Damage was mainly from flooding and fallen limbs. One person drowned in northern Virginia. Along Maryland's Eastern Shore and in Delaware, Doria was accompanied by 50-m.p.h. gusts, 2- to 4-foot above normal tides, and 5- to 8-inch rains; Chesapeake Bay tides were 1 to 2 feet above normal. Annapolis, Md., recorded 8.76 inches of rain; Cambridge, Md., 7.40 inches; and Talleyville, Del., 7.96 inches. Despite the flooding damage and minor wind damage, rains benefited late-maturing crops, fall seeding of cover crops, and pastures.

In the early morning hours of the 28th, Doria made her way up the Jersey shore toward New York City. It was in New Jersey that she wrought the most damage. Excessive rainfall had occurred over most of New Jersey and southeastern Pennsylvania during the 24 hours preceding Doria. Although the rainfall that could be directly attributed to Doria was less than that from the front, the combined fall in a short period of time produced devastating floods in central and northeastern communities of New Jersey and minor flooding in the southeastern counties of Pennsylvania. In the Pennsylvania counties of Chester, Delaware, Montgomery, Philadelphia, and Bucks, flash floods closed streets and caused power failures. Rainfall totalled over 6 inches in parts of the area with a 6.57-inch fall in Philadelphia and an unofficial 7.5 inches reported at Kennett Square near the Delaware border. The strongest reported wind was a 73-m.p.h. gust in Philadelphia. One person was killed by a falling limb in Chester County.

The hardest hit New Jersey communities were Bound Brook, Manville, and Elizabeth. Trenton set a 24-hour record with 7.55 inches of rain and had an 8.09-inch total. The old Trenton record was 5.42 inches during a 24-hour period in October 1903. New 24-hour marks were also set at New Brunswick and Newark. Newark was deluged with 8.01 inches of rain. Streets and highways became flooded in many areas, and mudslides blocked some roads in Middlesex County. New York to Philadelphia railway service was interrupted for some 29 hours when water flooded the Trenton station. The American Cyanamid Company at Bridgewater suffered severe flooding. Total damage in New Jersey was estimated at \$138.5 million. Of this amount, \$53.5 million was done to bridges, and water and sewer systems, and \$85 million to other private and industrial property. Minor damage and beach erosion resulted from the 25- to 45-m.p.h. winds and 2- to 4-foot above normal tides along the coast. Three people drowned in New Jersey.

Come Saturday morning, early-rising New Yorkers awoke to the sound of 20- to 30-m.p.h. winds and a second straight day of driving rain. Stronger winds of 30 to 40 m.p.h. with gusts to near 50 m.p.h. had occurred earlier in the morning. Before the storm was finished, 5.96 inches of rain fell at Central Park, 3.69 inches at Kennedy Airport, and 5.49 inches at LaGuardia Airport. At LaGuardia, 2.29 inches fell in 1 hour on the afternoon of the 27th. The early morning tide at the Battery was 4.7 feet above normal. Out on Long Island, at Bridgehampton, winds gusted to 60 m.p.h. but rain totalled only 0.41 inches.

Heaviest precipitation occurred from New York City northward up the Hudson River Valley to the Poughkeepsie-Kingston area. Amounts ranged from 6 to 8 inches during the 27th-28th. Staten Island recorded 7.86 inches, and Glenham in southwestern Dutchess County reported 7.81 inches. Rain totalling 4 to 5 inches fell as far north as Lake George, and 2.5- to 3.5-inch totals were reported as far west as Sullivan, Delaware, and Otsego Counties, as well as in the eastern Mohawk Valley and northward through Essex County. Precipitation decreased eastward across Long Island from the 6- to 8-inch totals around New York to 2.5 to 3.5 inches in Nassau and northwestern Suffolk County to less than 1 inch on the eastern end of the Island.

Streets, highways, and subways were flooded in New York City, and all surface transportation was greatly hampered. Similar flooding occurred on western Long Island and over much of the Hudson River Valley with over-flowing of small streams and creeks. Wind damage was light with downed limbs and powerlines representing the primary source of trouble. Some 25,000 homes were without power on Long Island. Agricultural losses were light: some fruit was dislodged from trees and some corn blown over. There was one New York fatality - a drowning in Westchester County. Total damage in New York was estimated at \$4.32 million.

Doria began to weaken as she headed inland over western Connecticut and western Massachusetts on Saturday morning. However, her forward speed increased to 35 to 40 m.p.h. Strongest winds were east of her center. Bridgeport experienced a 75-m.p.h. gust. At Boston, gusts were reported at 56 m.p.h. and on top of Blue Hill at Milton, Mass., an 87-m.p.h. gust was recorded during the morning of the 28th. Winds gusted to 52 m.p.h. as far north as Concord, N.H.

While the storm surge produced tides up to 5 feet above normal, tides at the time were near their low and coastal flooding was minimal. However, high surf did batter some homes and swamp some small boats. Sightseers were out in force to admire the pounding surf. At Marblehead, Mass., a young man was drowned after rescuing two others who had been caught by the high surf.

Rain in New England was heaviest mainly west of Doria's center. The combination of the frontal system and the tropical storm produced a 5- to 6- inch rains from Pittsfield, Mass., to north of Brattleboro, Vt., and 6-inch totals in southwestern Connecticut. Northwestern Connecticut, western Massachusetts, and Vermont had 2 to 4 inches of rain. In eastern Connecticut, northwestern Rhode Island, central Massachusetts, New Hampshire, and central and western Maine, 1- to 2-inch totals were common; some sections of New Hampshire had 2 to 3 inches. Elsewhere totals were less than 1 inch.

In Connecticut and throughout most of New England, east of the storm's center, the ground was littered with leaves, branches, and often whole trees. Utility lines were knocked down in some areas. Some 150,000 homes were without electricity in Connecticut. Autos and buildings were damaged by fallen limbs. Structural damage to a Connecticut high school was estimated at \$250,000. Crop damage was spotty. Some apple orchards lost up to 15 percent of their crop. Some peach orchards were hard hit, and corn was blown down in some areas. A 270-foot television tower was blown over in Brunswick, Maine. Vermont got little wind, but rain washed out several bridges. Total preliminary damage estimates for Connecticut and New England run from \$4 to \$5 million.

During the afternoon of the 28th, Doria started to turn extratropical as she tore across western Maine. That evening she raced into Canada and across the St. Lawrence River.

NOTE: The final report on this tropical storm will be carried in the Monthly Weather Review.

TROPICAL CYCLONE DATA  
TROPICAL STORM DORIA  
August 20-29, 1971

Station	Date	Pressure (inches)		Wind (miles per hour)			Highest Tide (feet) +	Time <sup>o</sup>	Storm Rainfall (inches)	Remarks
		Low	Time <sup>o</sup>	Fastest Mile	Time <sup>o</sup>	Gusts				
<u>SOUTH CAROLINA</u>										
Charleston	27	29.77	0500	NW 22	1057		5.7 MLW	1148	T	1.75 in. at Ocean Drive Beach
<u>NORTH CAROLINA</u>										
Wilmington	27	29.68	1201	N 21	1159	N 30	2 AN		2.19	
Hatteras	27	29.61	1557	SSE 41#	1557	S 54			4.17	Tide at Cape Fear
Elizabeth City	27	29.33	1800			60				
<u>VIRGINIA</u>										
Norfolk	27	29.37	1951	NE 52	1837	NNE 71*	3.6 AN		3.09	
Richmond	27	29.79	2158	SE 17	1347				1.40	Tornado confirmed 10 mi west-southwest of Norfolk Regional Airport.
<u>DISTRICT OF COLUMBIA</u>										
Washington National Airport	28	29.77	0100	NW 19	0014	W 26	0844		3.85	
<u>MARYLAND</u>										
Salisbury (FAA)	27	29.39	2330	ENE 36	2210	ENE 50	2210		3.34	
Assateague Island	27			SE 30	2215	50	2215		3.58	
Baltimore (WSO)	27	29.75	28/0032	N 18	2347		2 AN		4.39	Tide at Ft. Henry
Ocean City (C. G. Station)	27	29.33	28/0000	E 23	2200	E 63	2330	2.7		
28/0100										
<u>DELAWARE</u>										
Wilmington	28	29.56	0156				3.2 AN	0000	5.09	Tide at Lewes
<u>PENNSYLVANIA</u>										
Philadelphia	28	29.44	0250	NW 51	0355	NW 73	0430		6.57	
<u>NEW JERSEY</u>										
Atlantic City	28	29.37	0230	SE 35	0055	SE 54	0048		1.88	
Trenton	28	29.43	0145	NE 43	0159				8.09	
Newark	28	29.46	0455	NW 23	0554				8.01	7.55 in. rain in 24 hr set record for station
<u>NEW YORK</u>										
New York City (WSO)	28	29.43	0515	SE 32#	0424	NE 48	0335		5.96	Tide at the Battery
New York City (J. F. K.)	28	29.44	0530	NW 32	0711	SE 48	0424		3.69	
New York City (LGA)	28	29.43		S 40	0415	ESE 44	0308		5.49	2.29 in. of rain, 1340-1440 on the 27th.
						E 40	0252			
<u>CONNECTICUT</u>										
Hartford	28	29.51	0745	SE 37	0645	SSE 48	0726		3.12	
<u>RHODE ISLAND</u>										
Providence	28	29.66	1018	SSE 44#	0738	SSE 61	0737	5.9 MLW	0.97	
<u>MASSACHUSETTS</u>										
Boston	28	29.62	1056	SSW 45	1018	SE 56	0857		0.83	
<u>MAINE</u>										
Portland	28	29.63								

\* EST

# One minute wind speed

\* Anemometer at 60 ft

+ Tide above mean sea level unless noted

AN - above normal

MLW - above mean low water

## ADVISORIES AND BULLETINS

SAN JUAN

BULLETIN 8 PM AST SATURDAY AUGUST 21, 1971

TROPICAL DEPRESSION APPROACHING WINDWARD ISLANDS...  
NAVY RECONNAISSANCE AIRCRAFT INFORMATION INDICATES A WEAK TROPICAL DEPRESSION WITH WIDESPREAD SQUALLY WEATHER IS APPROACHING THE WINDWARD ISLANDS.

AT 8 PM AST...0000Z...THE TROPICAL DEPRESSION WAS CENTERED NEAR LATITUDE 11.1 NORTH...LONGITUDE 54.4 WEST..AND MOVING WESTWARD ABOUT 15 MPH. THE CENTRAL PRESSURE IS ESTIMATED TO BE 1006 MBS...29.70 INCHES. HIGHEST SUSTAINED WINDS OF 25 TO 35 MPH WITH POSSIBLE GALES IN HEAVIER SQUALLS...SQUALLY WEATHER WITH SCATTERED LOCALLY HEAVY SHOWER AND THUNDERSHOWER EXTEND NORTH AND EAST 350 MILES...WEST 200 MILES AND SOUTH 150 MILES.

THE DEPRESSION IS CENTERED ABOUT 370 MILES EAST-SOUTHEAST OF BARBADOS BUT THE SQUALLY WEATHER COULD BEGIN AFFECTING THAT AREA LATE TONIGHT AND REMAINDER OF WINDWARD ISLANDS AND EASTERN LEeward DURING THE DAY SUNDAY.

ALL INTERESTS SHOULD KEEP CLOSE TOUCH WITH LATER BULLETINS AND ADVISORIES.

AN AIR FORCE PLANE WILL INVESTIGATE THE DEPRESSION EARLY SUNDAY MORNING.

THE NEXT BULLETIN WILL BE ISSUED BY SAN JUAN WEATHER OFFICE EARLY SUNDAY MORNING.

ZAMARRIPA

BULLETIN 10:30 AM AST SUNDAY AUGUST 22, 1971

....SYSTEM STILL EAST OF LESSER ANTILLES...SHOWS TROPICAL WAVE CHARACTERISTICS.....

LATEST INFORMATION FROM AIR FORCE RECONNAISSANCE AIRCRAFT AND SATELLITE INDICATES THAT THE TROPICAL DEPRESSION EAST OF THE LESSER ANTILLES HAS ELONGATED IN A NORTH-SOUTH DIRECTION AND HAS ASSUMED TROPICAL WAVE CHARACTERISTICS.

AT 10:30 AM AST..1430Z..THE AXIS OF THE TROPICAL WAVE WAS LOCATED NEAR LONGITUDE 56 WEST OR ABOUT 230 MILES EAST OF BARBADOS. AN EXTENSIVE CLOUD AREA WITH SHOWERS EXTENDS FROM THE VICINITY OF THE SOUTH AMERICAN COAST NORTHWARD TO 20 NORTH. THE TROPICAL WAVE IS MOVING SLOWLY WESTWARD AT A SPEED OF ABOUT 10 MPH.

SATELLITE PHOTOGRAPHS SHOW THAT THE WAVE MAY BE FORMING A WEAK CIRCULATION FARTHER NORTH AND A NAVY AIRCRAFT WILL INVESTIGATE THE AREA AGAIN DURING THE AFTERNOON.

APPROACH OF THE TROPICAL WAVE TO THE ISLANDS WILL BRING NUMEROUS SHOWERS AND THUNDERSHOWERS INTO THE WINDWARD AND LEeward ISLANDS MONDAY ALTHOUGH SOME SHOWER ACTIVITY MAY BEGIN BY TONIGHT. THE AIR FORCE RECONNAISSANCE AIRCRAFT FOUND SUSTAINED WINDS OF 20 TO 35 MPH ON THE EAST SIDE OF THE WAVE. PASSAGE OF THE WAVE ACROSS THE ISLANDS WILL CAUSE GUSTY WINDS TO 35 MPH IN HEAVIER SQUALLS.

RESIDENTS OF THE WINDWARD AND LEeward ISLANDS SHOULD KEEP IN TOUCH WITH LATER INFORMATION IN CASE THE WAVE INTENSIFIES.

THE NATIONAL WEATHER SERVICE AT SAN JUAN WILL ISSUE ANOTHER BULLETIN LATER TODAY WHEN ADDITIONAL INFORMATION IS RECEIVED.

HOOSE

BULLETIN 8 PM AST SUNDAY AUGUST 22, 1971

TROPICAL WAVE MOVING INTO LESSER ANTILLES TONIGHT...SOME FLOODING LIKELY...

NAVY RECONNAISSANCE AIRCRAFT AND SATELLITE INFORMATION INDICATE THE TROPICAL WAVE EAST OF THE ANTILLES IS STILL ACTIVE WITH MOST WEATHER ON A NORTHWEST TO SOUTHEAST LINE.

AT 8 PM AST...0000Z...THE TROPICAL WAVE WAS CENTERED NEAR...LATITUDE 15 NORTH...LONGITUDE 58 WEST..AND MOVING WESTWARD AT ABOUT 10 MPH. NUMEROUS SHOWERS AND THUNDERSHOWERS ARE ASSOCIATED WITH THE WAVE...SUSTAINED WINDS ARE ONLY 20 TO 30 MPH BUT WITH HIGHER GUSTS IN THE HEAVIER SQUALLS.

THE WEATHER SHOULD MOVE INTO THE NORTHERN WINDWARD ISLAND AND LEeward ISLANDS DURING THE NIGHT AND INTO THE SOUTHERN WINDWARD ISLANDS LATE TONIGHT OR MONDAY. RAINFALL WILL BE LOCALLY HEAVY AND SOME FLOODING IS LIKELY. RESIDENTS IN THESE AREAS SHOULD TAKE PROPER PRECAUTIONS AND REMAIN ALERT FOR LATER INFORMATION.

THE NEXT BULLETIN WILL BE ISSUED BY THE NATIONAL WEATHER SERVICE AT SAN JUAN EARLY MONDAY MORNING OR SOONER IF CONDITIONS WARRANT.

ZAMARRIPA

BULLETIN 9 AM AST MONDAY AUGUST 23, 1971

...WEAK DEPRESSION REFORMS ON TROPICAL WAVE...

REPORTS FROM ISLAND STATIONS AND RECONNAISSANCE BY AIR FORCE AIRCRAFT SHOW THAT A WEAK DEPRESSION HAS REFORMED ON THE TROPICAL WAVE MOVING INTO THE LESSER ANTILLES.

AT 9 AM AST...1300Z...THE TROPICAL WAVE WAS OVER THE LEeward AND WINDWARD ISLANDS WITH THE CENTER OF THE WEAK DEPRESSION ABOUT 50 MILES WEST OF THE ISLAND OF ANTIGUA NEAR LATITUDE 17 NORTH LONGITUDE 62.5 WEST. THE DEPRESSION IS MOVING IN A DIRECTION BETWEEN WEST AND WEST-NORTHWEST AT A SPEED OF ABOUT 15 MPH.

CENTRAL PRESSURE IN THE DEPRESSION IS 1009 MILLIBARS OR 29.80 INCHES. AT THE MOMENT CONDITIONS ARE NOT FAVORABLE FOR INTENSIFICATION ALTHOUGH A SLOW INCREASE IN STRENGTH IS POSSIBLE ESPECIALLY ONCE THE DEPRESSION MOVES OUT OF THE ISLAND CHAIN INTO THE OPEN SEA.

SHOWERS AND THUNDERSHOWERS ARE ASSOCIATED WITH THE SYSTEM AND SOME HEAVY RAINS WILL OCCUR OVER THE ISLANDS WITH THE GREATEST ACTIVITY IN THE LEEWARDS. THE AIR FORCE PLANE FOUND SUSTAINED WINDS OF ABOUT 30 MPH TO THE EAST OF THE DEPRESSION CENTER... HOWEVER..HIGHER WIND GUSTS SHOULD BE EXPECTED OVER THE ISLANDS TODAY IN HEAVIER SQUALLS.

SHOWERS ASSOCIATED WITH THE DEPRESSION SHOULD BEGIN AFFECTING THE VIRGIN ISLANDS LATE THIS AFTERNOON AND PUERTO RICO TONIGHT. SMALL CRAFT IN THE LESSER ANTILES SHOULD REMAIN IN PORT UNTIL THE SYSTEM HAS PASSED.

THE NEXT BULLETIN ON THE DEPRESSION WILL BE ISSUED BY THE SAN JUAN OFFICE THIS AFTERNOON OR EARLIER IF CONDITIONS WARRANT.

HOOSE

**BULLETIN 1 PM AST MONDAY AUGUST 23, 1971**

...WEAK DEPRESSION MOVING THROUGH LEEWARD ISLANDS...

INFORMATION FROM LAND STATIONS AIR FORCE AIRCRAFT AND SATELLITE SHOWS A LARGE ZONE OF CLOUDINESS AND WEATHER LOCATED MOSTLY OVER WATER TO THE NORTHEAST OF THE LEEWARD ISLANDS. AT 1 PM AST...1700Z...THE WIDE ILL-DEFINED CENTER OF THE DEPRESSION WAS LOCATED NEAR LATITUDE 17.5 NORTH LONGITUDE 63.5 WEST. THE SYSTEM IS MOVING TO WEST-NORTHWEST AT ABOUT 15 TO 20 MPH. MAXIMUM WINDS ARE 30 TO 35 MPH IN SQUALLS LOCATED MOSTLY OVER WATER TO THE NORTHEAST OF THE CENTER.

OCCASIONAL SHOWERS AND THUNDERSHOWERS WITH LOCALLY GUSTY WINDS ARE ALREADY OCCURRING OVER THE LEEWARD ISLANDS. THIS AREA OF WEATHER SHOULD EXTEND WESTWARD OVER THE VIRGIN ISLANDS AND PUERTO RICO THIS AFTERNOON AND TONIGHT.

OCCASIONAL SHOWER ACTIVITY SHOULD CONTINUE ALSO OVER THE WINDWARD ISLANDS THIS AFTERNOON AND TONIGHT.

SMALL CRAFT IN THE LEEWARD ISLANDS VIRGIN ISLANDS AND PUERTO RICO SHOULD REMAIN IN PORT UNTIL THIS SYSTEM HAS PASSED.

THE NEXT BULLETIN ON THIS DEPRESSION WILL BE ISSUED BY THE SAN JUAN OFFICE AT 6 PM AST.

COLON

**BULLETIN 6 PM AST MONDAY AUGUST 23, 1971**

...WEAK DEPRESSION MOVING INTO PUERTO RICO VIRGIN ISLAND AREA...

AT 6 PM AST...2200Z...THE ILL-DEFINED CENTER OF THE DEPRESSION WAS LOCATED NEAR...LATITUDE 18.5 NORTH...LONGITUDE 65.0 WEST... MOVING WEST-NORTHWEST 15 TO 20 MPH...MAXIMUM WINDS 20 TO 30 MPH BUT WITH HIGHER GUSTS IN SQUALLS.

WEATHER WITH THIS SYSTEM IS WIDESPREAD WITH OCCASIONAL SHOWERS AND THUNDERSHOWERS OCCURRING OVER THE LEEWARD ISLANDS..THE VIRGIN ISLANDS AND PUERTO RICO WITH THE GREATER PORTION OF THE WEATHER EXTENDING NORTH AND NORTHEASTWARD TO SOME 300 MILES FROM THESE ISLANDS. THIS WEATHER SPREADING INTO HISPANIOLA LATE TONIGHT OR TUESDAY.

ALTHOUGH THE ISLANDS ARE NEAR THE SOUTHERN EDGE OF THE GENERAL WEATHER AREA...LOCALLY HEAVY RAINFALL IS EXPECTED DURING THE NIGHT AND SOME FLOODING IS LIKELY. RESIDENTS IN THESE AREAS SHOULD TAKE THE PROPER PRECAUTIONS AND REMAIN ALERT FOR LATER INFORMATION.

SMALL CRAFT IN THE LEEWARD ISLANDS...THE VIRGIN ISLANDS...AND PUERTO RICO SHOULD REMAIN IN PORT UNTIL THIS SYSTEM HAS PASSED.

SMALL CRAFT IN HISPANIOLA SHOULD NOT VENTURE FAR FROM PORT DUE TO THE APPROACHING WEATHER.

THE NEXT BULLETIN ON THIS DEPRESSION WILL BE ISSUED BY THE SAN JUAN OFFICE AT 10 PM AST.

ZAMARRIPA

**BULLETIN 10 PM AST MONDAY AUGUST 23, 1971**

...WEAK DEPRESSION JUST NORTH OF PUERTO RICO...CONTINUES MOVING WEST-NORTHWEST...

AT 10 PM AST...0200Z...THE DEPRESSION WAS LOCATED NEAR...LATITUDE 18.9 NORTH...LONGITUDE 66.1 WEST...JUST NORTH OF PUERTO RICO AND MOVING WEST-NORTHWEST 15 TO 20 MPH...MAXIMUM WINDS ARE 20 TO 30 MPH BUT WITH HIGHER GUSTS IN SQUALLS.

WEATHER WITH THIS SYSTEM IS WIDESPREAD. SCATTERED TO LOCALLY NUMEROUS SHOWERS AND THUNDERSHOWERS ARE OCCURRING FROM THE PUERTO RICO AREA EASTWARD THROUGH THE VIRGIN ISLANDS AND THE LEEWARD ISLANDS. FROM THESE ISLANDS THE WEATHER EXTENDS NORTHWARD SOME 300 MILES AND SOUTHWARD INTO THE NORTHERN WINDWARD ISLANDS. THIS WEATHER SHOULD MOVE INTO HISPANIOLA LATE TONIGHT AND TUESDAY.

LOCALLY HEAVY RAINFALL IS EXPECTED IN THE GENERAL WEATHER AREA AND SOME FLOODING IS LIKELY DURING THE NIGHT. RESIDENTS IN THESE AREAS THAT ARE SUBJECT TO FLOODING SHOULD TAKE THE PROPER PRECAUTIONS AND REMAIN ALERT FOR LATER INFORMATION.

SMALL CRAFT IN HISPANIOLA...PUERTO RICO...THE VIRGIN ISLANDS...THE LEEWARD ISLANDS AND NORTHERN WINDWARD ISLANDS SHOULD REMAIN IN PORT UNTIL THIS SYSTEM HAS PASSED.

SOME IMPROVEMENT IN THE GENERAL WEATHER IS EXPECTED OVER THE EASTERN LEEWARD ISLANDS AND NORTHERN WINDWARD ISLANDS TUESDAY AS THE SYSTEM CONTINUES MOVING WEST-NORTHWEST.

THE NEXT BULLETIN ON THIS DEPRESSION WILL BE ISSUED BY THE NATIONAL HURRICANE CENTER AT MIAMI AROUND 7 AM AST.

ZAMARRIPA

NATIONAL HURRICANE CENTER

BULLETIN 7 AM EDT TUESDAY AUGUST 24, 1971

THE DEPRESSION WHICH MOVED THROUGH THE NORTHERN LEeward ISLANDS MONDAY WAS LOCATED AT 7 AM EDT ABOUT 150 MILES SOUTHEAST OF GRAND TURK IN THE SOUTHEASTERN BAHAMAS AND 800 MILES EAST-SOUTHEAST OF MIAMI. THE DEPRESSION IS MOVING TOWARDS THE WEST-NORTHWEST 15 TO 20 MPH.

HIGHEST WINDS ARE ESTIMATED 35 MPH MAINLY IN SQUALLS. SHOWERS AND A FEW SQUALLS EXTEND ABOUT 150 MILES NORTH AND EAST OF THE CENTER.

LOCALLY HEAVY SHOWERS OVER PUERTO RICO AND THE DOMINICAN REPUBLIC SHOULD TAPER OFF LATER TODAY BUT MAY STILL CAUSE SOME FLASH FLOODING ESPECIALLY IN THE DOMINICAN REPUBLIC.

THE DEPRESSION IS EXPECTED TO MOVE TOWARDS THE WEST-NORTHWEST ABOUT 15 MPH FOR THE NEXT 12 HOURS WITH CONDITIONS FAVORABLE FOR SOME STRENGTHENING. SMALL CRAFT ALONG THE NORTH COASTS OF HISPANIOLA AND EASTERN CUBA AND THROUGH THE SOUTHEASTERN BAHAMAS SHOULD REMAIN IN PORT TODAY.

THE NEXT BULLETIN WILL BE ISSUED BY THE NATIONAL HURRICANE CENTER AROUND NOON UNLESS INFORMATION FROM RECONNAISSANCE AIRCRAFT LATER THIS MORNING WARRANTS AN EARLIER RELEASE.

HEBERT

BULLETIN NOON EDT TUESDAY AUGUST 24, 1971

REPORTS FROM A NAVY AIRCRAFT INDICATE THE DEPRESSION THAT CROSSED PUERTO RICO LAST NIGHT IS MOVING TOWARD THE WEST-NORTHWEST 15 TO 20 MPH PARALLELING THE HISPANIOLA COAST THIS MORNING AROUND 75 MILES OFFSHORE.

AT NOON EDT...1600Z...THE BROAD ILL-DEFINED CENTER WAS LOCATED AROUND 100 MILES SOUTHEAST OF GRAND TURK ISLAND NEAR LATITUDE 20.5 NORTH LONGITUDE 69.5 WEST.

THERE HAS BEEN NO SIGNIFICANT CHANGE IN STRENGTH AND HIGHEST WINDS ARE 35 MPH MAINLY IN SQUALLS NORTH AND EAST OF THE CENTER.

LOCALLY HEAVY SHOWERS THAT ARE OCCURRING FROM HISPANIOLA EASTWARD ACROSS PUERTO RICO TO THE VIRGIN ISLANDS WILL SPREAD WESTWARD INTO THE SOUTHEAST BAHAMAS TONIGHT. FLOOD WARNINGS ARE IN EFFECT FOR PUERTO RICO AND HISPANIOLA.

SMALL CRAFT IN PUERTO RICO...ALONG THE NORTH COASTS OF HISPANIOLA AND EASTERN CUBA...AND IN THE SOUTHEASTERN BAHAMAS SHOULD REMAIN IN PORT PRIMARILY BECAUSE OF GUSTY WINDS IN PASSING SQUALLS.

THE DEPRESSION IS EXPECTED TO CONTINUE MOVING TOWARDS THE WEST-NORTHWEST BETWEEN 15 AND 20 MPH FOR THE NEXT 12 TO 24 HOURS. EVEN THOUGH CONDITIONS DO NOT FAVOR RAPID OR EXPLOSIVE INTENSIFICATION...WINDS COULD STRENGTHEN SOME TODAY AND ALL INTERESTS IN THE BAHAMAS SHOULD STAY IN CLOSE TOUCH WITH FUTURE BULLETINS.

THE NEXT BULLETIN WILL BE ISSUED BY THE NATIONAL HURRICANE CENTER AT 6 PM EDT.

FRANK

BULLETIN 6 PM EDT TUESDAY AUGUST 24, 1971

...STRONG TROPICAL DEPRESSION ADVANCES ON THE BAHAMAS AND SOUTHEAST FLORIDA...

THE DEPRESSION WHICH CROSSED PUERTO RICO LAST NIGHT IS NOW CENTERED NEAR TURK ISLAND MOVING STEADILY WEST NORTHWESTWARD ABOUT 18 MPH.

ON THIS COURSE THE DEPRESSION...NOW BEARING GALE FORCE WINDS IN SQUALLS...WILL REACH THE CENTRAL BAHAMAS BY WEDNESDAY FORENOON AND COULD THREATEN THE SOUTHEAST FLORIDA COAST BY EARLY THURSDAY MORNING.

AT PRESENT THE DEPRESSION REMAINS POORLY ORGANIZED WITH AN ILL-DEFINED CENTER AND ITS ENVIRONMENT STILL IS UNFAVORABLE FOR RAPID STRENGTHENING. NEVERTHELESS IT IS ADVANCING TOWARD AN AREA WHICH AFTER TWENTY-FOUR HOURS COULD CAUSE IT TO REACH STORM STRENGTH OVER THE WESTERN BAHAMAS WITH FURTHER INCREASES IN WIND STRENGTH AS IT MOVES OVER THE GULF STREAM.

ALL INTERESTS SHOULD REMAIN ALERT TO FUTURE DEVELOPMENTS WHICH COULD RESULT IN WARNINGS FOR THE WESTERN BAHAMAS AND POSSIBLY SOUTHEAST FLORIDA WITH LITTLE LEAD TIME FOR ACTION BEFORE THE DANGER ARRIVES.

SMALL CRAFT IN CENTRAL AND SOUTHEAST BAHAMAS...ALONG THE NORTH COASTS OF HISPANIOLA AND EASTERN CUBA...AND IN PUERTO RICO SHOULD REMAIN NEAR SAFE HARBOR. FLOOD WARNINGS REMAIN IN EFFECT FOR PUERTO RICO AND HISPANIOLA.

THE NEXT BULLETIN WILL BE ISSUED BY THE NATIONAL HURRICANE CENTER AT 11 PM EDT.

SIMPSON

BULLETIN 11 PM EDT TUESDAY AUGUST 24, 1971

...TROPICAL DEPRESSION CONTINUES TO ADVANCE TOWARD THE WESTERN BAHAMAS AND SOUTHEAST FLORIDA...

THE TROPICAL DEPRESSION OVER THE SOUTHEASTERN BAHAMAS CONTINUES TO MOVE TOWARD THE WEST-NORTHWEST 15 TO 20 MPH.

GALE FORCE WINDS IN SQUALLS ARE CONFINED TO THE NORTHEASTERN SECTOR OF THE DEPRESSION.

THERE HAS BEEN NO STRENGTHENING OF THE SYSTEM AND ITS ENVIRONMENT TONIGHT REMAINS UNFAVORABLE FOR RAPID DEVELOPMENT. HOWEVER SINCE SOME STRENGTHENING IS POSSIBLE OVER THE WESTERN BAHAMAS BY LATE WEDNESDAY...ALL INTERESTS SHOULD REMAIN ALERT IN THE EVENT WARNINGS MAY BE REQUIRED FOR THE WESTERN BAHAMAS OR SOUTHEAST FLORIDA.

SMALL CRAFT IN THE CENTRAL AND SOUTHEAST BAHAMAS AND ALONG THE NORTH COASTS OF HISPANIOLA AND EASTERN CUBA...AND IN PUERTO RICO SHOULD REMAIN IN SAFE HARBOR.

FLOOD WARNINGS REMAIN IN EFFECT FOR PUERTO RICO AND HISPANIOLA.

THE NEXT BULLETIN WILL BE ISSUED BY THE NATIONAL HURRICANE CENTER AT 6 AM EDT.

HOPE

**BULLETIN**            **6 AM EDT WEDNESDAY AUGUST 25, 1971**

...TROPICAL DEPRESSION MOVING WEST-NORTHWESTWARD TOWARDS SOUTHEAST FLORIDA AND WESTERN BAHAMAS...

AT 6 AM EDT THE TROPICAL DEPRESSION MOVING THRU THE SOUTHEASTERN BAHAMAS WAS LOCATED ABOUT 400 MILES EAST-SOUTHEAST OF MIAMI AND MOVING TOWARDS THE WEST-NORTHWEST 15 MPH.

GALE FORCE WINDS IN SQUALLS REMAIN CONFINED TO THE NORTHEAST SECTOR OF THE DEPRESSION WITH SHOWER AND SQUALLS EXTENDING OUT 250 MILES NORTH AND EAST OF THE CENTER.

ENVIRONMENTAL CONDITIONS APPEAR TO BE A LITTLE MORE FAVORABLE FOR STRENGTHENING BUT NO RAPID DEVELOPMENT APPEARS LIKELY TODAY. ALL INTERESTS IN THE WESTERN BAHAMAS AND SOUTHEASTERN FLORIDA SHOULD REMAIN ALERT SHOULD FURTHER STRENGTHENING REQUIRE WARNINGS LATER TODAY OR TONIGHT.

SMALL CRAFT IN THE CENTRAL AND SOUTHEASTERN BAHAMAS AND ALONG THE NORTH COAST OF HISPANIOLA AND EASTERN CUBA SHOULD REMAIN IN PORT TODAY.

THE NEXT BULLETIN WILL BE ISSUED BY THE NATIONAL HURRICANE CENTER AT NOON EDT.

HEBERT

**BULLETIN**            **NOON EDT WEDNESDAY AUGUST 25, 1971**

...DEPRESSION IN CENTRAL BAHAMAS ADVANCING TOWARDS SOUTHEAST FLORIDA...

REPORTS FROM AN AIR FORCE PLANE THIS MORNING INDICATED NO SIGNIFICANT CHANGE IN THE STRENGTH OF THE DEPRESSION IN THE CENTRAL BAHAMAS. THE CIRCULATION IS STILL VERY DISORGANIZED AND THE CENTRAL REGION OF LIGHT WINDS COVER A BROAD REGION. AT NOON EDT... 1600Z, THE CENTER WAS A LITTLE OVER 350 MILES SOUTHEAST OF MIAMI IN THE VICINITY OF GREAT EXUMA AND SAN SALVADOR.

THE DEPRESSION IS EXPECTED TO CONTINUE MOVING TOWARDS THE WEST-NORTHWEST 15 MPH. THE PROJECTED TRACK BRINGS THE SYSTEM OVER THE NORTHWESTERN BAHAMAS BY EARLY THURSDAY MORNING.

WINDS OF GALE FORCE ARE BEING REPORTED IN HEAVIER SQUALLS MAINLY EAST AND NORTHEAST OF THE CENTER.

EVEN THOUGH THE DEPRESSION HAS NOT STRENGTHENED...IT IS MOVING TOWARDS A REGION WHERE ATMOSPHERIC CONDITIONS ARE BECOMING PROGRESSIVELY MORE FAVORABLE FOR WINDS TO INCREASE. ALL INTERESTS IN THE WESTERN BAHAMAS AND OVER SOUTHEASTERN FLORIDA SHOULD STAY IN CLOSE TOUCH WITH FUTURE DEVELOPMENTS WHICH COULD RESULT IN WARNINGS WITH LITTLE LEAD TIME FOR ACTION.

SMALL CRAFT IN THE BAHAMAS SHOULD REMAIN IN PORT AND THOSE ALONG THE NORTH COAST OF HISPANIOLA AND OVER EASTERN CUBA SHOULD EXERCISE CAUTION.

THE NEXT BULLETIN WILL BE ISSUED BY THE NATIONAL HURRICANE CENTER AT 6 PM UNLESS UNEXPECTED DEVELOPMENTS WARRANT AN EARLIER RELEASE.

FRANK

**BULLETIN**            **6 PM EDT WEDNESDAY AUGUST 25, 1971**

...BAHAMA DEPRESSION SLOWS...DELAYS THREAT TO SOUTHEAST FLORIDA AND THE WESTERN BAHAMAS...

STEERING CURRENTS ASSOCIATED WITH THE DEPRESSION IN THE CENTRAL BAHAMAS ARE BECOMING WEAKER AND THE SYSTEM IS RESPONDING BY MOVING AT A SLOWER FORWARD SPEED. THIS DELAYS THE THREAT TO SOUTHEAST FLORIDA AND THE WESTERN BAHAMAS AND RESIDENTS IN THESE AREAS WILL HAVE PLENTY OF TIME TO TAKE PRECAUTIONS THURSDAY IF THEY BECOME NECESSARY.

THE DEPRESSION HAS BEEN UNDER THE INFLUENCE OF A LARGE POOL OF COOL AIR IN THE UPPER ATMOSPHERE OVER THE SOUTHEASTERN BAHAMAS. THIS HAS PROHIBITED THE DEVELOPMENT OF PROCESSES NORMALLY ASSOCIATED WITH TROPICAL STORMS. AS THE DEPRESSION MOVES AWAY FROM THIS REGION...CONDITIONS ARE GRADUALLY BECOMING MORE FAVORABLE FOR STRENGTHENING AND THIS INCREASES THE THREAT OF STORM FORMATION. HOWEVER...THE CHANGES ARE SLOW AND THE ODDS ARE AGAINST STORM FORCE WINDS DEVELOPING BY THURSDAY MORNING. ALL INTERESTS IN THE WESTERN BAHAMAS AND OVER SOUTHEAST FLORIDA SHOULD STAY IN CLOSE TOUCH WITH DEVELOPMENTS THURSDAY.

AT 6 PM THE DISORGANIZED CENTER WAS APPROACHING CAT ISLAND AROUND 350 MILES SOUTHEAST OF MIAMI. COORDINATES HAVE NOT BEEN GIVEN BECAUSE THE CENTRAL REGION OF LIGHT WINDS COVER SUCH A LARGE AREA THAT A PRECISE LOCATION IS DIFFICULT TO DETERMINE.

THE DEPRESSION IS EXPECTED TO MOVE TOWARDS THE WEST-NORTHWEST 10 TO 15 MPH TONIGHT. THE PROJECTED TRACK BRINGS THE CENTER OVER THE NORTHERN BAHAMA ISLANDS MIDDAY THURSDAY. WINDS OF GALE FORCE ARE BEING REPORTED IN HEAVIER SQUALLS MAINLY EAST AND NORTHEAST OF THE CENTER.

SMALL CRAFT IN THE BAHAMAS SHOULD REMAIN IN PORT AND THOSE ALONG THE SOUTHEAST FLORIDA COAST SHOULD NOT VENTURE FAR FROM SAFE HARBOR UNTIL THE DEPRESSION PASSES.

THE NEXT BULLETIN WILL BE ISSUED BY THE NATIONAL HURRICANE CENTER AT 10:30 PM EDT.

FRANK

BULLETIN

10:30 PM EDT WEDNESDAY AUGUST 25, 1971

...TROPICAL DEPRESSION IN THE BAHAMAS MOVING SLOWLY WITH NO INCREASE IN STRENGTH...

AIR FORCE RECONNAISSANCE AND REPORTS FROM THE BAHAMAS CONFIRM THAT THE TROPICAL DEPRESSION DID NOT STRENGTHEN DURING THE DAY AND THE SLOWER FORWARD SPEED NOTED EARLIER TODAY HAS PERSISTED.

AT 10 PM EDT TONIGHT THE LARGE AREA OF LIGHT VARIABLE WINDS DEFINING THE CENTER OF THE DEPRESSION WAS LOCATED IN THE CENTRAL BAHAMAS NEAR CAT ISLAND OR ABOUT 320 MILES SOUTHEAST OF MIAMI. IT IS MOVING IN A DIRECTION BETWEEN WEST-NORTHWEST AND NORTH-WEST AT 12 MPH. A SLIGHT TURN TOWARD THE NORTH WITH NO INCREASE IN FORWARD SPEED IS LIKELY THURSDAY.

GALE FORCE WINDS...40 MPH OR A LITTLE HIGHER...ARE OCCURRING IN SQUALLS IN THE NORTHEAST SECTOR OF THE DEPRESSION ONLY...OVER OPEN WATER AND ON THE SIDE AWAY FROM THE UNITED STATES MAINLAND AND GENERALLY NORTH OF THE BAHAMA ISLANDS.

THE DEPRESSION CONTINUES TO MOVE TOWARD AN AREA THAT IS SOMEWHAT MORE FAVORABLE FOR STORM DEVELOPMENT BUT THE CHANGE WILL BE A GRADUAL ONE AND CONDITIONS DO NOT FAVOR RAPID STRENGTHENING.

ALTHOUGH THE THREAT OF STORM DEVELOPMENT IS NOT IMMEDIATE ALL INTERESTS IN SOUTHEAST FLORIDA AND THE WESTERN BAHAMAS SHOULD REMAIN ON THE ALERT FOR FUTURE DEVELOPMENTS.

SMALL CRAFT IN THE BAHAMAS AND ALONG THE SOUTHEAST FLORIDA COAST SHOULD NOT VENTURE FAR FROM SAFE HARBOR UNTIL THE DEPRESSION PASSES.

THE NEXT BULLETIN WILL BE ISSUED BY THE NATIONAL HURRICANE CENTER EARLY THURSDAY MORNING.

HOPE

BULLETIN 6 AM EDT THURSDAY AUGUST 26, 1971

...WEAKENING DEPRESSION MOVING SLOWLY NORTHWESTWARD...

OBSERVATIONS DURING THE NIGHT INDICATE THAT THE DEPRESSION IN THE CENTRAL BAHAMAS WEDNESDAY HAS UNDERGONE A WEAKENING TREND WHILE TURNING TO A SLIGHTLY MORE NORTHWESTERLY HEADING. WHILE THE LOWEST PRESSURE OF 1011 MILLIBARS OR 29.85 INCHES AND ACCOMPANYING TROUGH OF LOW PRESSURE MAY MOVE ACROSS FLORIDA TODAY...THE MAIN SHOWER ACTIVITY AND STRONGER WINDS ANTICIPATED EARLIER SHOULD MOVE NORTHWESTWARD WELL NORTHEAST OF FLORIDA AND THE WESTERN BAHAMAS. HIGHEST WINDS IN HEAVIER THUNDERSHOWERS ARE ESTIMATED 30 MPH.

THE MAIN AREA OF SHOWERS AND STRONGER WINDS SHOULD GRADUALLY TURN TO A MORE NORTHERLY COURSE DURING THE NEXT 24 HOURS. WHILE CONDITIONS AT PRESENT REMAIN UNFAVORABLE FOR ANY STRENGTHENING...CHANGING LARGE SCALE CIRCULATION PATTERNS COULD LEAD TO A TREND FOR BETTER ORGANIZATION OF THIS SYSTEM AFTER THAT TIME.

FUTURE INFORMATION OF THIS WEATHER SYSTEM WILL BE CARRIED IN THE TROPICAL WEATHER OUTLOOKS ISSUED BY THE NATIONAL HURRICANE CENTER UNLESS SIGNIFICANT CHANGES WARRANT OTHERWISE.

HEBERT

BULLETIN NOON EDT THURSDAY AUGUST 26, 1971

...DEPRESSION OFF FLORIDA COAST TURNS NORTHWARD AND REGAINS STRENGTH...

THE TROPICAL DEPRESSION WHICH WEAKENED OVER THE NORTHERN BAHAMAS DURING THE NIGHT HAS TURNED NORTHWARD AND BEGUN REGAINING STRENGTH DURING THE LAST SIX HOURS.

WHILE VERY FEW REPORTS HAVE BEEN AVAILABLE NEAR OR EAST OF THE CENTER WHERE HEAVY SQUALLS ARE REGENERATING THE DEPRESSION APPEARS TO BE LOCATED AT NOON EDT ABOUT 225 MILES EAST OF CAPE KENNEDY...MOVING AT INCREASING SPEED NORTH OR NORTH-NORTHWESTWARD. A NAVY RECON AIRCRAFT IS ENROUTE TO THE AREA AT THIS TIME AND MORE EXACT INFORMATION ON THE LOCATION MOVEMENT AND EXPECTED FURTHER DEVELOPMENT WILL BE MADE AVAILABLE IN THE NEXT FEW HOURS.

MEANWHILE ALL INTERESTS ALONG THE GEORGIA AND CAROLINA COASTS SHOULD STANDBY FOR LATER ADVICES THIS AFTERNOON. COASTAL WARNINGS IN SOME OF THESE AREAS MAY BE REQUIRED BEFORE NIGHTFALL.

SMALL CRAFT FROM CAPE HATTERAS SOUTHWARD TO JACKSONVILLE SHOULD REMAIN NEAR SAFE HARBOR PENDING RECEIPT OF FURTHER INFORMATION CONCERNING DEVELOPMENT NEAR THE CENTER OF THIS DEPRESSION.

ANOTHER BULLETIN WILL BE RELEASED BY THE NATIONAL HURRICANE CENTER AS SOON AS AIRCRAFT RECONNAISSANCE OF THE DEPRESSION IS COMPLETE.

SIMPSON

ADVISORY NO. 1 3 PM EDT THURSDAY AUGUST 26, 1971

...REJUVENATED DEPRESSION THREATENS NORTH CAROLINA COAST...

GALE WARNINGS WERE ISSUED AT 3 PM EDT TODAY BY THE NATIONAL HURRICANE CENTER FOR THE NORTH CAROLINA COAST FROM THE SOUTH CAROLINA BORDER NORTHWARD TO NAGS HEAD INCLUDING PAMLICO SOUND.

THE TROPICAL DEPRESSION WHICH CROSSED THE BAHAMAS THE LAST 36 HOURS HAS TURNED TO THE NORTH-NORTHWEST AND HAS ALMOST REACHED STORM STRENGTH. AT 3 PM EDT THE NATIONAL HURRICANE CENTER NAMED THE DEPRESSION DORIA...THE FOURTH TROPICAL CYCLONE OF THE SEASON.

REPORTS FROM A NAVY RECON PLANE INDICATE THAT AT 3 PM EDT...1900Z...DORIA WAS LOCATED NEAR LATITUDE 28.3 NORTH...LONGITUDE 77.1 WEST. THIS IS 400 MILES ALMOST DUE SOUTH OF WILMINGTON, N. C. IT IS MOVING NORTH-NORTHWESTWARD 16 MPH.

DORIA IS NOW LOCATED IN A FAVORABLE ENVIRONMENT FOR FURTHER RAPID INCREASES IN STRENGTH AND MAY MOVE SOMEWHAT FASTER AS IT APPROACHES THE NORTH CAROLINA CAPES. PRESENT TRENDS INDICATE THAT DORIA WILL REACH THE NORTH CAROLINA COAST NEAR WILMINGTON, ABOUT NOON FRIDAY...BRINGING GALE FORCE WINDS SUSTAINED AT 55 TO 65 MPH WITHIN 50 TO 100 MILES NORTH AND EAST OF THE CENTER.

THE GREATEST IMMEDIATE THREAT FROM THIS RAPIDLY DEVELOPING STORM SYSTEM IS FROM FLOODING. DORIA WILL REACH THE COASTLINES AT ABOUT TIME OF HIGH TIDE SURMOUNTED BY STORM TIDES 3 TO 5 FEET ABOVE NORMAL. MODERATE TO HEAVY RAINS WILL BEGIN EARLY FRIDAY MORNING AND MAY CAUSE SERIOUS RIVER FLOODING. RAINS OF 1 TO 2 INCHES WILL CAUSE RIVER FLOODING IN EASTERN NORTH CAROLINA... AND 2 TO 4 INCHES WOULD CAUSE FLOOD STAGES TO BE EXCEEDED ON MAJOR RIVERS.

SMALL CRAFT SHOULD BE SECURED IN SAFE HARBOR FROM IN THE AREA OF GALE WARNING AND SHOULD NOT VENTURE INTO OPEN WATERS ELSEWHERE ALONG THE NORTH AND SOUTH CAROLINA COASTS.

REPEATING THE 3 PM POSITION...LATITUDE 28.3 NORTH...LONGITUDE 77.1 WEST.

THE NEXT ADVISORY WILL BE ISSUED BY THE NATIONAL HURRICANE CENTER AT 6 PM EDT.

SIMPSON

ADVISORY NO. 2 6 PM EDT THURSDAY AUGUST 26, 1971

...EYE FORMS AS DORIA STRENGTHENS...

GALE WARNINGS REMAIN IN EFFECT FROM THE SOUTH CAROLINA BORDER NORTHWARD TO NAGS HEAD, NORTH CAROLINA INCLUDING PAMLICO SOUND.

MODERATE TO HEAVY RAINS OF UP TO 4 INCHES ARE EXPECTED OVER EASTERN NORTH CAROLINA AND EXTREME NORTHEASTERN SOUTH CAROLINA. SERIOUS FLOODING IS POSSIBLE AND ALL INTERESTS SHOULD LISTEN FOR STATEMENTS FROM THE LOCAL WEATHER SERVICE OFFICES WHICH WILL CARRY ADDITIONAL DETAILS OF THIS DANGER.

SMALL CRAFT ALONG THE CAROLINAS SHOULD REMAIN IN PORT. WARNINGS MAY BE EXTENDED NORTH OF NAGS HEAD TONIGHT.

STORM TIDES OF 3 TO 5 FEET ABOVE NORMAL ARE POSSIBLE IN THE AREA OF GALE WARNING DISPLAY AND ARE...FOR THE MOST PART...EXPECTED TO OCCUR AT THE TIME OF THE NORMAL HIGH TIDE DURING MIDDAY FRIDAY.

THE CREW OF THE NAVY PLANE CONTINUED TO MONITOR PROGRESS OF THE SYSTEM DURING THE AFTERNOON AND REPORTED THE FORMATION OF AN EYE AND THE STRENGTHENING OF DORIA.

AT 6 PM EDT...2200Z...THE CENTER WAS NEAR LATITUDE 29.0 NORTH LONGITUDE 77.2 WEST. THIS POSITION IS 360 MILES ALMOST DUE SOUTH OF WILMINGTON, NORTH CAROLINA. DORIA IS MOVING JUST A LITTLE WEST OF DUE NORTH AT 16 MPH. THE FORWARD SPEED IS EXPECTED TO INCREASE SLOWLY UNTIL THE CENTER CROSSES THE NORTH CAROLINA COAST DURING MIDDAY FRIDAY.

THE LOWEST PRESSURE IN THE CENTER IS ESTIMATED AT 1005 MILLIBARS OR 29.68 INCHES.

HIGHEST WINDS ARE 50 MPH NEAR THE CENTER WITH GALES EXTENDING OUT AS FAR AS 200 MILES TO THE NORTHEAST OF THE CENTER AND 50 TO 100 MILES IN THE SOUTHWEST SEMICIRCLE. WINDS ARE FORECAST TO INCREASE TO NEAR HURRICANE FORCE BEFORE DORIA MOVES INLAND AND GALES MAY BEGIN AT CAPE FEAR AND CAPE LOOKOUT AROUND OR JUST AFTER DAYBREAK.

REPEATING THE 6 PM EDT POSITION ...LATITUDE 29.0 NORTH...LONGITUDE 77.2 WEST.

THE NEXT ADVISORY WILL BE ISSUED BY THE NATIONAL HURRICANE CENTER AT MIDNIGHT WITH AN INTERMEDIATE BULLETIN OR SPECIAL ADVISORY AT 9 PM EDT.

SUGG

BULLETIN 9 PM EDT THURSDAY AUGUST 26, 1971

...DORIA CONTINUES ON STEADY COURSE FOR NORTH CAROLINA COAST.....

GALE WARNINGS ARE IN EFFECT FOR THE NORTH CAROLINA COAST FROM THE SOUTH CAROLINA BORDER NORTHWARD TO NAGS HEAD INCLUDING PAMLICO SOUND.

AT 9 PM EDT...0100Z...DORIA WAS LOCATED BY AN AIR FORCE RECONNAISSANCE PLANE AT LATITUDE 29.8 NORTH...LONGITUDE 77.4 WEST OR ABOUT 310 MILES SOUTH OF WILMINGTON NORTH CAROLINA. IT CONTINUES MOVING NORTHWARD ABOUT 16 MPH WITH MAXIMUM SUSTAINED WINDS 45 TO 50 MPH WITHIN 75 TO 100 MILES EAST AND NORTH OF CENTER. IN THE WEST SEMICIRCLE WINDS REMAIN LESS THAN GALE FORCE.

DORIA IS PREDICTED TO CONTINUE MOVING BETWEEN NORTH AND NORTH-NORTHWEST 16 TO 17 MPH FOR THE NEXT 12 TO 18 HOURS WITH FURTHER INCREASES IN WINDS STRENGTH AND IN SIZE OF THE STORM. ON THIS COURSE IT WILL REACH THE COASTLINE NEAR WILMINGTON, N. C., SHORTLY AFTER NOON FRIDAY WITH MAXIMUM WINDS NEAR HURRICANE FORCE IN SQUALLS. GALE FORCE WINDS WILL BE FELT FROM CAPE LOOKOUT TO CAPE FEAR AS EARLY AS 7 AM AND IN THE WILMINGTON AREA BY LATE FORENOON.

RAIN IS ALREADY FALLING IN EASTERN NORTH CAROLINA AND IF AMOUNTS EXCEED 2 INCHES WILL CAUSE POTENTIALLY SERIOUS FLOODING IN RIVERS AND STREAMS IN THE AREA. TIDES AT THE COAST WILL BE 3 TO 5 FEET ABOVE NORMAL AS THE CENTER REACHES THE COAST AT TIME OF NORMAL HIGH TIDE.

SMALL CRAFT IN THE AREA OF GALE WARNINGS SHOULD BE SECURED IN SAFE HARBOR AND ELSEWHERE ALONG THE NORTH CAROLINA COAST SHOULD NOT VENTURE INTO OPEN WATERS.

REPEATING THE 9 PM POSITION...LATITUDE 29.8 NORTH...LONGITUDE 77.4 WEST.

THE NEXT ADVISORY WILL BE ISSUED BY THE NATIONAL HURRICANE CENTER AT MIDNIGHT EDT.

SIMPSON

**ADVISORY NO. 3 MIDNIGHT EDT THURSDAY AUGUST 26, 1971**

...DORIA HEADING NORTHWARD TOWARD NORTH CAROLINA...

GALE WARNINGS ARE IN EFFECT FOR THE NORTH CAROLINA COAST FROM THE SOUTH CAROLINA BORDER NORTHWARD TO NAGS HEAD INCLUDING PAMLICO SOUND.

AT MIDNIGHT EDT...0400Z...AIR FORCE RECONNAISSANCE LOCATED THE CENTER OF TROPICAL STORM DORIA NEAR LATITUDE 30.5 NORTH...LONGITUDE 77.5 WEST OR ABOUT 260 MILES SOUTH OF WILMINGTON, NORTH CAROLINA. THE STORM IS MOVING NORTHWARD ABOUT 16 MPH.

HIGHEST SUSTAINED WINDS ARE ESTIMATED 45 TO 50 MPH NORTH AND EAST OF THE CENTER. GALES EXTEND OUT 200 MILES IN THE EASTERN SEMICIRCLE WHILE TO THE WEST WINDS REACH GALE FORCE ONLY IN SQUALLS WITHIN ABOUT 75 MILES OF THE CENTER. THE CENTRAL PRESSURE HAS REMAINED STEADY AT 1005 MB...29.68 INCHES FOR THE PAST SEVERAL HOURS.

DORIA IS EXPECTED TO CONTINUE ON ITS PRESENT NORTHWARD COURSE AT 16 TO 18 MPH FOR THE NEXT 12 TO 18 HOURS WITH GRADUAL INCREASE IN STRENGTH. THE CENTER IS FORECAST TO CROSS THE COAST NEAR OR SLIGHTLY EAST OF WILMINGTON EARLY FRIDAY AFTERNOON WITH HIGHEST WINDS APPROACHING HURRICANE FORCE IN SQUALLS NEAR THE CENTER. GALES WILL BEGIN AS EARLY AS 7 AM FROM CAPE LOOKOUT TO CAPE FEAR AND IN THE WILMINGTON AREA LATER FRIDAY MORNING.

HEAVY RAINS OF UP TO 4 INCHES MAY OCCUR OVER EASTERN NORTH CAROLINA CAUSING SOME FLOODING OF STREAMS AND RIVERS. TIDES OF 3 TO 5 FEET ABOVE NORMAL ARE EXPECTED FROM CAPE HATTERAS TO WILMINGTON AS THE CENTER CROSSSES THE COAST NEAR THE TIME OF NORMAL HIGH TIDE RESULTING IN A COMBINED TIDE OF 6 TO 7 FEET ABOVE MEAN SEA LEVEL A SHORT DISTANCE TO THE RIGHT OF THE LANDFALL POINT.

SMALL CRAFT IN THE AREA OF GALE WARNINGS SHOULD REMAIN SECURED IN SAFE HARBOR AND THOSE NORTH OF NAGS HEAD TO CAPE MAY, NEW JERSEY SHOULD NOT VENTURE FAR FROM SHORE.

REPEATING THE MIDNIGHT EDT POSITION...LATITUDE 30.5 NORTH...LONGITUDE 77.5 WEST.

THE NEXT ADVISORY WILL BE ISSUED BY THE NATIONAL HURRICANE CENTER AT 6 AM EDT WITH AN INTERMEDIATE BULLETIN AT 3 AM.

PELISSIER

**SPECIAL ADVISORY NO. 4 3 AM EDT FRIDAY AUGUST 27, 1971**

...DORIA STRENGTHENS...HEADS FOR NORTH CAROLINA COAST...

A HURRICANE WATCH IS IN EFFECT AT 3 AM EDT FROM CAPE FEAR TO CAPE LOOKOUT ON THE NORTH CAROLINA COAST.

GALE WARNINGS ARE IN EFFECT FOR THE NORTH CAROLINA COAST FROM THE SOUTH CAROLINA BORDER NORTHWARD TO NAGS HEAD INCLUDING PAMLICO SOUND.

LATE REPORTS FROM AN AIR FORCE RECONNAISSANCE AIRCRAFT INDICATE THAT DORIA HAS STRENGTHENED AND INCREASED SLIGHTLY IN FORWARD SPEED. HIGHEST WINDS ARE UP TO 60 MPH NORTH AND EAST OF THE CENTER AND GALES EXTEND OUT TO 200 MILES IN THE EASTERN SEMICIRCLE AND 75 MILES TO THE WEST. THE LOWEST CENTRAL PRESSURE HAS DROPPED TO 1000 MB OR 29.53 INCHES.

DORIA IS EXPECTED TO CONTINUE ON A NORTHWARD COURSE AT 20 MPH WITH A GRADUAL INCREASE IN STRENGTH. THE CENTER IS FORECAST TO CROSS THE NORTH CAROLINA COAST NEAR OR SLIGHTLY EAST OF WILMINGTON ABOUT NOON TODAY. GALES WILL BEGIN ABOUT DAYBREAK FROM CAPE FEAR TO CAPE LOOKOUT. HIGHEST WINDS MAY INCREASE TO 75 TO 80 MPH AS THE CENTER CROSSSES THE COAST.

AT 3 AM EDT...0700Z...THE CENTER OF TROPICAL STORM DORIA WAS LOCATED NEAR LATITUDE 31.4 NORTH...LONGITUDE 77.2 WEST...OR 200 MILES SOUTH OF WILMINGTON, NORTH CAROLINA.

HEAVY RAINS OF UP TO 4 INCHES MAY OCCUR OVER EASTERN NORTH CAROLINA CAUSING SOME FLOODING OF STREAMS AND RIVERS. TIDES OF 3 TO 5 FEET ABOVE NORMAL ARE EXPECTED FROM CAPE HATTERAS TO WILMINGTON AS THE CENTER CROSSSES THE COAST NEAR THE TIME OF NORMAL HIGH TIDE RESULTING IN A COMBINED TIDE OF 6 TO 7 FEET ABOVE MEAN SEA LEVEL A SHORT DISTANCE TO THE RIGHT OF THE LANDFALL POINT.

SMALL CRAFT IN THE AREA OF GALE WARNINGS AND HURRICANE WATCH SHOULD REMAIN SECURED IN SAFE HARBOR AND THOSE NORTH OF NAGS HEAD TO CAPE MAY, NEW JERSEY SHOULD NOT VENTURE FAR FROM SHORE.

REPEATING THE 3 AM EDT POSITION...LATITUDE 31.4 NORTH...LONGITUDE 77.2 WEST.

THE NEXT ADVISORY WILL BE ISSUED BY THE NATIONAL HURRICANE CENTER AT 6 AM EDT.

HOPE

**ADVISORY NO. 5 6 AM EDT FRIDAY AUGUST 27, 1971**

...DORIA GAINING STRENGTH AS IT APPROACHES NORTH CAROLINA COAST...

A HURRICANE WATCH IS IN EFFECT FROM CAPE FEAR TO CAPE LOOKOUT, NORTH CAROLINA.

GALE WARNINGS ARE EXTENDED NORTHWARD AT 6 AM EDT TO CAPE MAY, NEW JERSEY INCLUDING CHESAPEAKE BAY. GALE WARNINGS ARE IN EFFECT FROM THE SOUTH CAROLINA-NORTH CAROLINA BORDER NORTHWARD TO CAPE MAY, NEW JERSEY INCLUDING PAMLICO SOUND...ALBEMARLE SOUND AND CHESAPEAKE BAY.

AT 6 AM EDT...1000Z...TROPICAL STORM DORIA WAS LOCATED NEAR LATITUDE 32.6 NORTH...LONGITUDE 77.2 WEST OR 115 MILES SOUTH-SOUTHEAST OF WILMINGTON, NORTH CAROLINA. IT IS MOVING NORTHWARD 20 MPH. HIGHEST WINDS ARE UP TO 65 MPH NEAR AND TO THE NORTH AND EAST OF THE CENTER AND GALES EXTEND 200 MILES TO THE EAST AND 75 MILES TO THE WEST. THE LOWEST PRESSURE IS ESTIMATED 995 MB OR 29.44 INCHES.

DORIA IS FORECAST TO CONTINUE NORTHWARD AT THE SAME OR SLIGHTLY HIGHER FORWARD SPEED FOR THE NEXT 12 TO 24 HOURS. THE CENTER IS FORECAST TO CROSS THE COAST NEAR OR SLIGHTLY EAST OF WILMINGTON, NORTH CAROLINA AROUND NOON TODAY. IT IS EXPECTED TO STRENGTHEN SLOWLY BEFORE LANDFALL AND HIGHEST WINDS MAY REACH 75 TO 80 MPH AS THE CENTER CROSSES THE COAST. GALE FORCE WINDS WILL BEGIN ALONG THE NORTH CAROLINA COAST THIS MORNING AND OVER THE REMAINDER OF THE AREA OF GALE WARNINGS THIS AFTERNOON. SINCE PART OF THE CIRCULATION WILL REMAIN OVER WATER HIGHEST WINDS WILL BE SLOW TO DIMINISH AFTER THE CENTER MOVES INLAND.

HEAVY RAINS OF 4 INCHES OR MORE MAY OCCUR OVER THE EASTERN PORTIONS OF NORTH CAROLINA...VIRGINIA...AND MARYLAND AND OVER DELAWARE CAUSING SOME FLOODING OF STREAMS.

TIDES OF 3 TO 5 FEET ABOVE NORMAL WILL OCCUR FROM WILMINGTON TO CAPE HATTERAS AS THE CENTER CROSSES THE COAST NEAR THE TIME OF NORMAL HIGH TIDE RESULTING IN A COMBINED TIDE OF 6 TO 7 FEET ABOVE MEAN SEA LEVEL A SHORT DISTANCE TO THE RIGHT OF THE LANDFALL POINT.

SMALL CRAFT IN THE AREA OF HURRICANE WATCH AND GALE WARNINGS SHOULD REMAIN SECURED IN SAFE HARBOR.

THE NEXT ADVISORY WILL BE ISSUED BY THE NATIONAL HURRICANE CENTER AT NOON EDT WITH AN INTERMEDIATE BULLETIN AT 9 AM UNLESS CONDITIONS WARRANT AND EARLIER RELEASE.

HOPE

**BULLETIN 9 AM EDT FRIDAY AUGUST 27, 1971**

....DORIA CONTINUES TOWARD THE NORTH CAROLINA COAST....

A HURRICANE WATCH IS IN EFFECT FROM CAPE FEAR TO CAPE LOOKOUT, NORTH CAROLINA.

GALE WARNINGS ARE IN EFFECT FROM THE SOUTH CAROLINA-NORTH CAROLINA BORDER NORTHWARD TO CAPE MAY, NEW JERSEY INCLUDING PAMLICO SOUND...ALBEMARLE SOUND...AND CHESAPEAKE BAY.

RECONNAISSANCE REPORTS FROM A NAVY AIRCRAFT EARLY THIS MORNING INDICATE NO FURTHER STRENGTHENING SINCE EARLY LAST NIGHT. HIGHEST WINDS ARE UP TO 65 MPH NEAR AND NORTH AND EAST OF THE CENTER AND GALES EXTEND 200 MILES TO THE EAST AND 75 MILES TO THE WEST. THE LOWEST MEASURED PRESSURE IS 1000 MB OR 29.53 INCHES. HOWEVER...THE STORM IS BECOMING BETTER ORGANIZED AND AN EYE APPEARS TO BE FORMING. THIS SUGGEST FURTHER STRENGTHENING BEFORE DORIA REACHES THE COAST. HIGHEST WINDS MAY INCREASE TO 75 TO 80 MPH AS THE CENTER MOVES INLAND NEAR OR JUST EAST OF WILMINGTON, NORTH CAROLINA AROUND NOON TODAY.

AT 9 AM EDT TROPICAL STORM DORIA WAS LOCATED NEAR LATITUDE 32.8 NORTH...LONGITUDE 77.3 WEST OR ABOUT 100 MILES SOUTH-SOUTHEAST OF WILMINGTON, NORTH CAROLINA. IT HAS SLOWED SOMEWHAT IN ITS FORWARD SPEED DURING THE LAST FEW HOURS BUT IS EXPECTED TO RESUME A NORTHWARD TRACK AROUND 20 MPH LATER THIS MORNING.

GALE FORCE WINDS ARE BEGINNING ALONG THE NORTH CAROLINA COAST AND WILL BEGIN ELSEWHERE IN THE AREA OF GALE WARNINGS THIS AFTERNOON.

HEAVY RAINS OF 4 INCHES OR MORE MAY OCCUR OVER THE EASTERN PORTIONS OF NORTH CAROLINA...VIRGINIA...AND MARYLAND AND OVER DELAWARE CAUSING SOME FLOODING OF STREAMS.

TIDES OF 3 TO 5 FEET ABOVE NORMAL WILL OCCUR FROM WILMINGTON TO CAPE HATTERAS AS THE CENTER CROSSES THE COAST NEAR THE TIME OF NORMAL HIGH TIDE RESULTING IN A COMBINED TIDE OF 6 TO 7 FEET ABOVE MEAN SEA LEVEL A SHORT DISTANCE TO THE RIGHT OF THE POINT OF LANDFALL.

REPEATING THE 9 AM EDT POSITION...LATITUDE 32.8 NORTH...LONGITUDE 77.3 WEST.

THE NEXT ADVISORY WILL BE ISSUED BY THE NATIONAL HURRICANE CENTER AT NOON EDT.

HOPE.

**SPECIAL ADVISORY NO. 6 10:30 AM EDT FRIDAY AUGUST 27, 1971**

...DORIA POSES SERIOUS FLOODING THREAT FROM NORTH CAROLINA TO NEW ENGLAND...

A FLASH FLOOD WATCH IS IN EFFECT FOR EASTERN AND CENTRAL VIRGINIA...EASTERN AND CENTRAL MARYLAND...DELAWARE...NEW JERSEY...EASTERN PENNSYLVANIA AND HAS BEEN EXTENDED OVER EASTERN NEW YORK AND SOUTHERN AND EASTERN NEW ENGLAND AT 10:30 AM EDT.

A HURRICANE WATCH REMAINS IN EFFECT FROM CAPE FEAR TO CAPE LOOKOUT, NORTH CAROLINA...

GALE WARNINGS WHICH HAVE BEEN IN EFFECT FROM THE NORTH CAROLINA-SOUTH CAROLINA BORDER NORTHWARD TO CAPE MAY, NEW JERSEY INCLUDING PAMLICO SOUND...ALBEMARLE SOUND...AND THE CHESAPEAKE BAY ARE EXTENDED AT 10:30 AM EDT NORTHWARD TO ROCKLAND, MAINE...

RAINS ASSOCIATED WITH DORIA AND A COLD FRONT OVER THE MID-ATLANTIC STATES ARE OCCURRING SEVERAL HUNDRED MILES IN ADVANCE OF THE STORM IN EXCESS OF 3 INCHES MAY BE EXPECTED IN THE AREA OF FLOOD WATCH FROM EASTERN NORTH CAROLINA TO NEW ENGLAND.

SMALL CRAFT IN THE AREA OF HURRICANE WATCH AND GALE WARNINGS SHOULD REMAIN IN SAFE HARBOR.

REPORTS FROM A NAVY AIRCRAFT THIS MORNING INDICATE THERE HAS BEEN NO SIGNIFICANT CHANGE IN STRENGTH DURING THE PAST 2 HOURS WITH THE HIGHEST WINDS AROUND 65 MPH MAINLY NORTH AND EAST OF THE CENTER. HOWEVER...RADAR REPORTS SHOW THAT THE STORM MAY BE COMING BETTER ORGANIZED AND AN EYE APPEARS TO BE FORMING...AND IF THIS OCCURS WINDS MAY INCREASE TO 75 MPH AS THE CENTER MOVES INLAND THIS AFTERNOON A SHORT DISTANCE EAST OF WILMINGTON.

AT 10:30 AM EDT TROPICAL STORM DORIA WAS LOCATED NEAR LATITUDE 33.2 NORTH LONGITUDE 77.3 WEST. THIS POSITION IS 80 MILES SOUTHEAST OF WILMINGTON, NORTH CAROLINA. THE STORM IS EXPECTED TO MOVE TOWARD THE NORTH 20 TO 25 MPH TODAY.

GALE WINDS ARE BEGINNING TO OCCUR ALONG THE NORTH CAROLINA COAST. CAPE HATTERAS REPORTED WINDS GUSTING TO 44 MPH IN PASSING SQUALLS THIS MORNING.

TIDES OF 3 TO 5 FEET ABOVE NORMAL WILL OCCUR EAST OF WILMINGTON TO CAPE HATTERAS. SINCE THE CENTER WILL CROSS THE COAST NEAR THE TIME OF HIGH TIDE..THIS WILL RESULT IN A COMBINED TIDE OF 6 TO 7 FEET ABOVE MEAN SEA LEVEL.

AN ISOLATED TORNADO MAY OCCUR OVER NORTHEASTERN NORTH CAROLINA AND SOUTHEAST VIRGINIA TODAY.

REPEATING THE 10:30 AM EDT POSITION...LATITUDE 33.2 NORTH...LONGITUDE 77.3 WEST.

THE NEXT ADVISORY WILL BE ISSUED BY THE NATIONAL HURRICANE CENTER AT NOON EDT.

FRANK

**ADVISORY NO. 7 NOON EDT FRIDAY AUGUST 27, 1971**

...DORIA NEARING NORTH CAROLINA COAST...FLOODS IMMINENT...

A HURRICANE WATCH REMAINS IN EFFECT FROM CAPE FEAR TO CAPE LOOKOUT.

STORM WARNINGS ARE EFFECTIVE AT NOON EDT FROM CAPE FEAR TO CAPE HATTERAS.

GALE WARNINGS REMAIN DISPLAYED ON THE NORTH CAROLINA COAST WEST OF CAPE FEAR AND NORTH OF CAPE HATTERAS TO ROCKLAND, MAINE INCLUDING PAMLICO SOUND...ALBEMARLE SOUND AND CHESAPEAKE BAY.

A FLASH FLOOD WATCH IS IN EFFECT FOR EASTERN NORTH CAROLINA...EASTERN AND CENTRAL VIRGINIA...EASTERN AND CENTRAL MARYLAND... DELAWARE...NEW JERSEY...EASTERN PENNSYLVANIA...EASTERN NEW YORK AND SOUTHERN AND WESTERN NEW ENGLAND.

RAINFALL AMOUNTS IN EXCESS OF 3 INCHES LOCALLY ARE EXPECTED FROM EASTERN NORTH CAROLINA TO NEW ENGLAND AND WILL RESULT IN SERIOUS FLOODING. ALL INTERESTS SHOULD KEEP IN CLOSE TOUCH WITH STATEMENTS FROM NATIONAL WEATHER SERVICE OFFICES DETAILING THIS DANGER.

SMALL CRAFT FROM THE CAROLINAS NORTHWARD TO NEW ENGLAND SHOULD REMAIN IN PORT.

AT NOON EDT...1600Z...THE CENTER OF DORIA WAS ESTIMATED NEAR LATITUDE 33.9 NORTH LONGITUDE 77.5 WEST. THIS POSITION IS BASED UPON NAVY RECONNAISSANCE AND IS ABOUT 35 MILES SOUTHEAST OF DOWNTOWN WILMINGTON. THE TROPICAL STORM IS MOVING NEARLY DUE NORTH 20 TO 25 MPH. THE CENTER IS FORECAST TO CROSS THE COAST THIS AFTERNOON JUST NORTHEAST OF WILMINGTON AND CONTINUE ON A NORTHERLY COURSE AT THE SAME FORWARD SPEED AND A SLIGHT TURN TOWARDS THE NORTH-NORTHEAST IS EXPECTED TONIGHT.

HIGHEST WINDS ARE ESTIMATED 65 MPH MAINLY IN THE EASTERN SEMICIRCLE OF THE STORM WHICH WILL EXTEND FROM WHERE THE CENTER CROSSES THE COAST TO AND INCLUDING CAPE HATTERAS. GALES EXTEND 200 MILES EAST OF THE CENTER AND 75 MILES IN THE WESTERN SEMICIRCLE.

WINDS ARE EXPECTED TO DIMINISH NEAR THE CENTER INLAND OVER NORTH CAROLINA LATE TODAY AND TONIGHT BUT GALES WILL CONTINUE TO RAKE THE COASTAL AREAS NORTHWARD FROM HATTERAS.

TIDES OF 3 TO 5 FEET FROM THE STORM WILL OCCUR AT THE TIME OF HIGH TIDE IN THE AREA OF STORM WARNING DISPLAY ON THE NORTH CAROLINA COAST.

AN ISOLATED TORNADO MAY OCCUR OVER NORTHEASTERN NORTH CAROLINA AND SOUTHEASTERN VIRGINIA THIS AFTERNOON.

REPEATING THE NOON POSITION...LATITUDE 33.9 NORTH...LONGITUDE 77.5 WEST.

THE NEXT BULLETIN ON TROPICAL STORM DORIA WILL BE ISSUED BY THE NATIONAL HURRICANE CENTER AT 3 PM EDT.

SUGG

**BULLETIN 1:30 PM EDT FRIDAY AUGUST 27, 1971**

REPORTS FROM THE NAVY RECONNAISSANCE PLANE CURRENTLY MONITORING TROPICAL STORM DORIA INDICATE THAT THE CENTER AT 1 PM EDT...1700Z IS NEAR LATITUDE 34.0 NORTH LONGITUDE 77.1 WEST. THIS POSITION IS A FEW MILES EAST OF THE POSITION GIVEN IN THE NOON ADVISORY AND IS 40 TO 50 MILES SOUTH OF SWANSBORO, NORTH CAROLINA...STILL MOVING NEAR 20 MPH...AND WILL CROSS THE COAST LINE NEARER TO CAPE LOOKOUT THAN WAS PREVIOUSLY INDICATED.

THE LOWEST PRESSURE IS 993 MILLIBARS OR 29.32 INCHES.

ALL WARNINGS AND ADVICES CONTAINED IN THE NOON ADVISORY CONTINUE IN EFFECT.

THE NEXT BULLETIN WILL BE ISSUED BY THE NATIONAL HURRICANE CENTER AT 3 PM EDT.

SUGG

**SPECIAL ADVISORY NO. 8 3:30 PM EDT FRIDAY AUGUST 27, 1971**

...DORIA CROSSES NORTH CAROLINA COAST WEST OF CAPE LOOKOUT...CONTINUES TO POSE THREAT TO COASTLINES NORTHWARD TO NEW ENGLAND...

STORM WARNINGS ARE IN EFFECT FROM CAPE FEAR TO VIRGINIA BEACH INCLUDING PAMLICO AND ALBEMARLE SOUNDS.

ELSEWHERE GALE WARNINGS REMAIN DISPLAYED NORTH OF VIRGINIA BEACH TO ROCKLAND, MAINE INCLUDING CHESAPEAKE BAY.

DORIA CROSSED THE COASTLINE AT 3 PM EDT ABOUT 30 MILES WEST OF CAPE LOOKOUT AND AT 3:30 PM EDT...1930Z...WAS NEAR NEW BERN, NORTH CAROLINA. DURING THE PAST 2 HOURS THE STORM HAS TURNED SLIGHTLY TO THE EAST AND IS MOVING BETWEEN NORTH AND NORTH-NORTHEAST AT ABOUT 25 MPH. HIGHEST WINDS ARE ABOUT 65 MPH EAST AND NORTHEAST OF THE CENTER WITH MUCH LOWER MAXIMUM SPEEDS IN THE WESTERN SEMI-CIRCLE. THE CENTRAL PRESSURE AS THE STORM CROSSSED THE COAST WAS 989 MB...29.20 INCHES.

WITH THIS SLIGHT CHANGE IN TRACK...DORIA WILL CONTINUE ITS COURSE INLAND PARALLELING BUT VERY NEAR TO THE COAST. THIS WILL ALLOW THE STORM TO MAINTAIN MUCH OF ITS PRESENT STRENGTH AND WILL CAUSE HEAVY SQUALLS TO AFFECT THE AREA OF WARNINGS DISPLAY AT LEAST AS FAR NORTH AS CAPE COD.

IF DORIA SHOULD TURN ANY FURTHER TO THE EAST THIS AFTERNOON IT WOULD REEMERGE OVER WATER AND RAPIDLY GAIN FURTHER STRENGTH. THIS WOULD REQUIRE THE ISSUANCE OF HURRICANE WARNINGS FOR THE NEW YORK AND NEW ENGLAND AREAS LATER TODAY. ALL INTERESTS SHOULD STANDBY FOR URGENT EMERGENCY ACTIONS SHOULD THIS BE NECESSARY.

HEAVY RAINS HAVE BEEN FALLING FOR THE PAST 12 HOURS OVER THE MID-ATLANTIC AND NEW ENGLAND STATES AND THE DANGER OF FLASH FLOODS IN MANY AREAS CONTINUES. MAXIMUM WINDS REPORTED AT HATTERAS WERE 58 MPH AND AT NEW BERN 52 MPH. SOME REPORTS HAVE BEEN RECEIVED OF COASTAL FLOODING ALONG THE NORTH CAROLINA CAPIES. ALL INTERESTS SHOULD KEEP IN TOUCH WITH LOCAL BULLETINS FROM WEATHER SERVICE OFFICES FOR FURTHER DETAILS.

THE STORM SURGE ALONG COASTAL AREAS TO THE NORTH WILL CAUSE RISES 3 TO 5 FEET ABOVE NORMAL AS DORIA APPROACHES.

THERE REMAINS THE DANGER OF AN ISOLATED TORNADO OVER NORTHEASTERN NORTH CAROLINA AND SOUTHEASTERN VIRGINIA UNTIL 6 PM THIS EVENING.

SMALL CRAFT OVER THE ENTIRE WARNING AREA SHOULD REMAIN SECURED IN SAFE HARBOR.

THE NEXT ADVISORY WILL BE ISSUED BY THE NATIONAL HURRICANE CENTER AT 6 PM EDT.

SIMPSON

**SPECIAL ADVISORY NO. 9 5 PM EDT FRIDAY AUGUST 27, 1971**

...DORIA POSES HURRICANE THREAT TO NEW ENGLAND NEW YORK AND NEW JERSEY...

THE NATIONAL HURRICANE CENTER ISSUED A HURRICANE WATCH AT 5 PM EDT FOR THE COASTAL AREA FROM MANASQUAN, NEW JERSEY TO CAPE ANN, MASSACHUSETTS INCLUDING NEW YORK CITY, LONG ISLAND AND THE SOUTH COAST OF CONNECTICUT. STORM WARNINGS IN EFFECT FROM CAPE HATTERAS NORTHWARD TO VIRGINIA BEACH INCLUDING CHESAPEAKE BAY HAVE BEEN EXTENDED NORTHEASTWARD TO PORTSMOUTH, NEW HAMPSHIRE. GALE WARNINGS EXTEND NORTH OF PORTSMOUTH TO EASTPORT, MAINE. WARNINGS SOUTH OF CAPE HATTERAS ARE DISCONTINUED.

AT 5 PM EDT...2100Z...DORIA WAS STILL OVER LAND ABOUT 80 MILES SOUTH OF NORFOLK, VIRGINIA AND IS MOVING BETWEEN NORTH AND NORTH-NORTHEASTWARD 25 MPH. GALE FORCE WINDS UP TO 60 MPH CONTINUE OFFSHORE TO THE EAST AND UP TO 50 MPH INLAND NEAR THE CENTER.

DORIA HAS TAKEN A FURTHER TURN TO THE NORTH-NORTHEAST AND IT NOW APPEARS THE CENTER WILL EMERGE BACK INTO THE ATLANTIC EAST OF NORFOLK ABOUT 8 PM EDT THIS EVENING. ON THIS TRACK THE CENTER WILL REMAIN NEAR THE COAST OR A SHORT DISTANCE OFFSHORE DURING THE NIGHT REACHING THE VICINITY OF LONG ISLAND SHORTLY AFTER DAYBREAK SATURDAY AND THE SOUTHERN CONNECTICUT COAST BEFORE MIDMORNING. THIS MAY REQUIRE HURRICANE WARNINGS FOR SOME AREAS OF THE HURRICANE WATCH WITHIN THE NEXT FEW HOURS...DEPENDING UPON CONDITIONS AT THE TIME DORIA MOVES BACK OUT OVER THE ATLANTIC.

ALL INTERESTS SHOULD STANDBY FOR EMERGENCY ACTION IN CASE HURRICANE WARNINGS ARE NECESSARY.

OTHER DETAILS OF THE STORM AND FLOODING OCCURRING IN ITS PATH REMAIN UNCHANGED FROM THE 3:30 PM ADVISORY AND WILL BE DISCUSSED IN MORE DETAIL IN STATEMENTS ISSUED BY LOCAL WEATHER SERVICE OFFICES.

ALL SMALL CRAFT IN THE WARNING AREAS SHOULD REMAIN IN SAFE HARBOR.

THE NEXT ADVISORY WILL BE ISSUED BY THE NATIONAL HURRICANE CENTER AT 6 PM EDT.

SIMPSON

**ADVISORY NO. 10 6 PM EDT FRIDAY AUGUST 27, 1971**

A HURRICANE WATCH IS IN EFFECT FROM MANASQUAN, NEW JERSEY TO CAPE ANN, MASSACHUSETTS INCLUDING NEW YORK CITY...LONG ISLAND AND THE SOUTH COAST OF CONNECTICUT.

STORM WARNINGS ARE IN EFFECT FROM CAPE HATTERAS TO PORTSMOUTH INCLUDING CHESAPEAKE BAY AND GALE WARNINGS BEYOND TO EASTPORT, MAINE.

FLOODING HAS ALREADY BEEN REPORTED IN METROPOLITAN NEW YORK CITY AND WASHINGTON, D.C. COASTAL STORM TIDES WILL RISE 3 TO 5 FEET ABOVE NORMAL AS DORIA APPROACHES AND ALL INTERESTS ALONG THE ATLANTIC SEABOARD FROM NORTH CAROLINA TO NEW ENGLAND SHOULD STAY IN TOUCH WITH FLOODING ADVICES BEING ISSUED BY LOCAL WEATHER FORECAST OFFICES.

RADAR REPORTS FROM HATTERAS INDICATE DORIA MAY BE TURNING TOWARDS THE NORTH-NORTHEAST AND THE CENTER COULD EMERGE BACK OVER THE OPEN WATER EAST OF NORFOLK THIS EVENING. IF THIS OCCURS THE STORM WOULD STRENGTHEN RAPIDLY AND WINDS APPROACH HURRICANE FORCE AS THE SYSTEM NEARS LONG ISLAND AROUND DAYBREAK SATURDAY. HURRICANE WARNINGS MAY BE REQUIRED FOR SOME AREAS OF THE HURRICANE WATCH WITHIN THE NEXT FEW HOURS.

AT 6 PM EDT...2200Z...THE CENTER WAS 60 MILES SOUTH OF NORFOLK NEAR LATITUDE 36.0 NORTH LONGITUDE 76.5 WEST. THE STORM IS EXPECTED TO MOVE BETWEEN NORTH AND NORTH-NORTHEAST 25 MPH TONIGHT AND GRADUALLY TURN TOWARDS THE NORTHEAST SATURDAY.

GALE FORCE WINDS UP TO 60 MPH ARE OCCURRING OFFSHORE EAST OF THE CENTER. THE LOWEST PRESSURE RECORDED ON THE NORTH CAROLINA COAST WAS 990 MILLIBARS...29.22 INCHES AT CAPE LOOKOUT.

REPEATING THE 6 PM POSITION...LATITUDE 36.0 NORTH...LONGITUDE 76.5 WEST.

THE NEXT ADVISORY WILL BE ISSUED BY THE WASHINGTON FORECAST OFFICE AT MIDNIGHT EDT. INTERMEDIATE BULLETIN AT 8 PM AND 10 PM.

FRANK

## WASHINGTON

**BULLETIN** 8 PM EDT FRIDAY AUGUST 27, 1971

...DORIA MOVING THROUGH THE VIRGINIA CAPES...

A HURRICANE WATCH IS IN EFFECT FOR THE COASTAL REGION FROM MANASQUAN, NEW JERSEY, CAPE ANN, MASSACHUSETTS INCLUDING NEW YORK CITY.. LONG ISLAND AND THE SOUTH COAST OF CONNECTICUT.

STORM WARNINGS ARE IN EFFECT FROM CAPE HATTERAS NORTH TO PORTSMOUTH INCLUDING THE DELAWARE AND CHESAPEAKE BAYS AND GALE WARNINGS BEYOND PORTSMOUTH TO EASTPORT, MAINE.

HEAVY RAIN IS OCCURRING FROM THE CHESAPEAKE BAY REGION NORTHEAST INTO NEW ENGLAND AND COVERS MOST OF THE AREA INLAND FOR ABOUT 100 MILES. AMOUNTS RANGED UP TO MORE THAN 5 INCHES IN THE EAST SUBURBS OF WASHINGTON. FLASH FLOODING IS OCCURRING MOSTLY IN METROPOLITAN AREAS WHERE DRAINAGE IS POOR. INTERESTS CONCERNED WITH FLOODING PROBLEMS ALONG THE ATLANTIC SEABOARD FROM THE VIRGINIA CAPES NORTHEAST TO NEW ENGLAND SHOULD KEEP IN TOUCH WITH FLOODING ADVICES BEING ISSUED BY LOCAL WEATHER FORECAST OFFICES.

RADAR REPORTS FROM HATTERAS AND NORFOLK AND OTHER REPORTS FROM THE AREA SHOW THE STORM CENTER IS PASSING THROUGH THE NORFOLK AREA.

THE STORM IS FORECAST TO MOVE NORTHEASTWARD NEAR THE COAST WITH THE CENTER NEAR OCEAN CITY AROUND MIDNIGHT AND OFFSHORE AROUND THE NEW YORK CITY AREA EARLY SATURDAY MORNING.

STORM WINDS OF UP TO 60 MPH ARE OCCURRING OFFSHORE AND ON THE COASTAL PLAINS EAST OF THE CENTER. THE PRESSURE AT ELIZABETH CITY, NORTH CAROLINA WAS DOWN TO 993.6 MBS OR 29.34 INCHES AND STILL FALLING AT 7 PM EDT.

AT 8 PM EDT..MIDNIGHT GREENWICH TIME THE STORM CENTER WAS LOCATED NEAR LATITUDE 36.6 NORTH AND LONGITUDE 76.1 WEST MOVING NORTHEAST 25 MPH. THE STORM SHOULD MAINTAIN OR INCREASE ITS INTENSITY SLIGHTLY AND GRADUALLY TURN MORE TOWARD THE NORTHEAST SATURDAY.

TIDES ALONG THE COAST WILL RISE TO 3 TO 5 FEET ABOVE NORMAL AS THE STORM APPROACHES. THIS WILL CAUSE SOME FLOODING AT THE TIME OF HIGH TIDES.

REPEATING THE 8 PM POSITION...LATITUDE 36.6 NORTH...LONGITUDE 76.1 WEST.

THE NEXT ADVISORY WILL BE ISSUED BY WASHINGTON AT MIDNIGHT WITH ANOTHER BULLETIN AT 10 PM EDT.

HOOVER

**BULLETIN** 10 PM EDT FRIDAY AUGUST 27, 1971

DORIA CROSSING TO THE EASTERN SHORE OF VIRGINIA...

A HURRICANE WATCH REMAINS IN EFFECT FOR COASTAL REGIONS FROM MANASQUAN, NEW JERSEY TO CAPE ANN MASSACHUSETTS INCLUDING..NEW YORK CITY..LONG ISLAND AND THE SOUTH COAST OF CONNECTICUT.

STORM WARNINGS ARE IN EFFECT FROM CAPE HATTERAS NORTH TO PORTSMOUTH INCLUDING THE DELAWARE AND CHESAPEAKE BAYS. GALE WARNINGS ARE IN EFFECT BEYOND PORTSMOUTH TO EASTPORT, MAINE.

HEAVY RAIN IS OCCURRING FROM THE EASTERN SHORE OF MARYLAND NORTHEAST INTO SOUTHERN NEW ENGLAND AND COVERS MOST OF THE AREA INLAND FOR ABOUT 100 MILES. STORM TOTALS EXPECTED TO RANGE UP TO 6 TO 8 INCHES. FLASH FLOODING IS OCCURRING IN SOME METROPOLITAN AREAS WHERE DRAINAGE IS POOR. INTERESTS CONCERNED WITH FLOODING PROBLEMS ALONG THE ATLANTIC SEABOARD SHOULD KEEP IN TOUCH WITH FLOODING ADVICES BEING ISSUED BY WEATHER FORECAST OFFICES..

AT 10 PM EDT..0200Z..THE STORM CENTER WAS LOCATED NEAR LATITUDE 37.2 NORTH AND LONGITUDE 75.7 WEST OR NEAR CAPE CHARLES VIRGINIA MOVING NORTH-NORTHEAST ALMOST 30 MPH. THE STORM SHOULD TURN MORE NORTHEAST SATURDAY AND SHOULD MAINTAIN OR INCREASE ITS INTENSITY SLIGHTLY.

THE HIGHEST WINDS ARE UP TO AROUND 65 MPH OCCURRING OFFSHORE TO THE EAST OF THE CENTER. THERE IS A CHANCE OF WINDS UP TO NEAR HURRICANE FORCE OR 75 MPH IN SQUALLS. THE LOWEST PRESSURE REPORTED AT NORFOLK WAS 29.34 INCHES OR 993.6 MILLIBARS. WINDS IN THE NORFOLK AREA RANGED UP TO 65 MPH.

THE STORM CENTER SHOULD PASS CLOSE TO OCEAN CITY, MARYLAND AROUND MIDNIGHT AND OFFSHORE AROUND THE NEW YORK CITY AREA EARLY SATURDAY.

TIDES ALONG THE COAST SHOULD RISE TO 3 TO 5 FEET ABOVE NORMAL AS THE STORM APPROACHES. THIS TIDE WILL CAUSE SOME FLOODING AT THE TIME OF HIGH TIDES.

REPEATING THE 10 PM POSITION...LATITUDE 37.2 NORTH...LONGITUDE 75.7 WEST

THE NEXT ADVISORY WILL BE ISSUED BY WASHINGTON AT MIDNIGHT EDT.

HOOVER

ADVISORY NO. 11 MIDNIGHT EDT FRIDAY AUGUST 28, 1971

A HURRICANE WATCH REMAINS IN EFFECT FOR COASTAL REGIONS FROM MANASQUAN, NEW JERSEY TO CAPE ANN, MASSACHUSETTS INCLUDING...NEW YORK CITY...LONG ISLAND AND THE SOUTH COAST OF CONNECTICUT.

STORM WARNINGS DISCONTINUED ON THE CHESAPEAKE BAY AND HATTERAS NORTH TO CHINCOTEAGUE, VIRGINIA BUT SMALL CRAFT SHOULD REMAIN IN PORT UNTIL WINDS AND SEAS SUBSIDE. STORM WARNINGS ARE CONTINUED NORTH OF CHINCOTEAGUE TO PORTSMOUTH AND OVER THE DELAWARE BAY. GALE WARNINGS REMAIN IN EFFECT BEYOND PORTSMOUTH TO EASTPORT, MAINE.

HEAVY RAINS ALONG THE COAST HAVE CAUSED FLOODING OF MANY STREAMS IN THE NORTHERN NEW JERSEY AREA TONIGHT. THE NEW YORK CITY AREA TRANSPORTATION SYSTEM WAS SOMEWHAT SNARLED WITH HIGHWAYS AND SOME SUBWAYS FLOODED. PRECIPITATION TOTALS FOR THE STORM SHOULD RANGE UP TO ABOUT 10 INCHES. INTERESTS CONCERNED WITH FLOODING PROBLEMS ALONG THE ATLANTIC SEABOARD SHOULD KEEP IN TOUCH WITH FLOODING ADVICES BEING ISSUED BY FORECAST OFFICES.

AT MIDNIGHT EDT..0400Z..TROPICAL STORM DORIA WAS CENTERED NEAR LATITUDE 38.0 NORTH LONGITUDE 75.4 WEST OR NEAR WALLOPS ISLAND, MOVING NORTH-NORTHEAST AT 30 MPH. THE STORM IS EXPECTED TO PASS CLOSE TO THE NEW YORK CITY AREA EARLY SATURDAY AND TURN MORE NORTHEASTERLY DURING SATURDAY. THE FORECAST IS FOR THE STORM TO MAINTAIN ITS PRESENT INTENSITY.

THE HIGHEST WINDS ARE UP TO AROUND 70 MPH NEAR THE CENTER ON EXPOSED BEACHES. THE LOWEST PRESSURE IS ESTIMATED AROUND 993 MILLIBARS OR ABOUT 29.32 INCHES.

TIDES ALONG THE COAST SHOULD RISE TO 3 TO 5 FEET ABOVE NORMAL AS THE STORM APPROACHES. THE DOWNTOWN NORFOLK AREA REPORTED TIDES 3.4 FEET ABOVE NORMAL AS THE STORM PASSED NEAR THEIR AREA. THE STORM IS PASSING MOST AREAS DURING LOW ASTRONOMICAL TIDES WITH SOME FLOODING AND QUITE ROUGH SURF.

WALLOPS ISLAND, VIRGINIA, WAS REPORTING A PRESSURE OF 995.9 MILLIBARS AND FALLING RAPIDLY WITH WIND SOUTHEAST 60 MPH AT 11:20 PM EDT.

REPEATING THE POSITION...LATITUDE 38.0 NORTH...LONGITUDE 75.4 WEST.

THE NEXT ADVISORY OR BULLETIN WILL BE ISSUED BY WASHINGTON OFFICE AT 4 AM EDT.

HOOVER

SPECIAL ADVISORY NO. 12 4 AM EDT SATURDAY AUGUST 28, 1971

...DORIA MOVING NORTHWARD THROUGH NEW JERSEY...

DISCONTINUE THE HURRICANE WATCH FOR COASTAL REGIONS FROM MANASQUAN, NEW JERSEY TO CAPE ANN, MASSACHUSETTS INCLUDING...NEW YORK CITY...LONG ISLAND AND THE SOUTH COAST OF CONNECTICUT.

STORM WARNINGS REMAIN DISPLAYED NORTH OF CHINCOTEAGUE, VIRGINIA, TO PORTSMOUTH, NEW HAMPSHIRE, WITH GALE WARNINGS BEYOND PORTSMOUTH TO EASTPORT, MAINE. STORM WILL BE CHANGED TO GALE FROM BLOCK ISLAND TO PORTSMOUTH AT 5 AM EDT. ELSEWHERE TO THE SOUTH WARNINGS WILL BE DISCONTINUED OR CHANGED LATER THIS MORNING AS DORIA MOVES ON TO THE NORTH. HOWEVER SMALL CRAFT SHOULD NOT VENTURE FROM PORT UNTIL SEAS AND WINDS SUBSIDE.

HEAVY RAINS ARE STILL ACCOMPANYING DORIA AS SHE MOVES NORTHWARD AND LOCAL FLOODING WILL OCCUR ALONG ITS PATH AND TO THE EAST. ALL INTERESTS WITH FLOODING PROBLEMS SHOULD KEEP IN TOUCH WITH NATIONAL WEATHER SERVICE OFFICES FOR LOCAL FLOODING STATEMENTS.

AT 4 AM EDT...0800Z...STORM DORIA WAS CENTERED NEAR ...LATITUDE 39.5 NORTH...LONGITUDE 75.0 WEST IN SOUTHERN NEW JERSEY AND MOVING NORTH-NORTHEAST 30 MPH. THE STORM IS EXPECTED TO PASS JUST WEST OF NEW YORK CITY EARLY SATURDAY AND TURN A LITTLE MORE TOWARDS THE NORTHEAST ON SATURDAY. THE FORECAST IS FOR THE STORM TO MAINTAIN ITS PRESENT INTENSITY UNTIL IT MOVES FURTHER FROM THE COAST NORTH OF 41 NORTH.

THE HIGHEST WINDS ARE UP TO AROUND 60 TO 70 MPH ON EXPOSED BEACHES EAST OF THE CENTER. LOWEST PRESSURE IS ESTIMATED AROUND 993 MBS OR ABOUT 29.32 INCHES.

TIDES ALONG THE COAST SHOULD RISE TO 3 TO 5 FEET ABOVE NORMAL AS THE STORM APPROACHES. TIDES OF THIS MAGNITUDE HAVE BEEN REPORTED ALONG THE MARYLAND AND DELAWARE COASTS DURING THE NIGHT.

REPEATING THE 4 AM EDT POSITION...LATITUDE 39.5 NORTH...LONGITUDE 75.0 WEST.

THE NEXT ADVISORY WILL BE ISSUED AT 6 AM EDT BY THE WASHINGTON OFFICE.

PORTER

ADVISORY NO. 13 6 AM EDT SATURDAY AUGUST 28, 1971

...DORIA MOVES NORTHWARD THROUGH CENTRAL NEW JERSEY...

STORM WARNINGS REMAIN DISPLAYED FROM BARNEGAT LIGHT NEW JERSEY TO BLOCK ISLAND WITH GALE WARNINGS FROM BLOCK ISLAND TO EASTPORT, MAINE AND SMALL CRAFT FROM BARNEGAT LIGHT SOUTHWARD TO CAPE MAY INCLUDING DELAWARE BAY. WARNINGS SOUTH OF CAPE MAY HAVE BEEN DISCONTINUED BUT SMALL CRAFT SHOULD REMAIN IN PORT UNTIL SEAS AND WINDS SUBSIDE.

LOCALLY HEAVY RAINS STILL ACCOMPANY DORIA AS SHE MOVES NORTHWARD AND LOCAL AMOUNTS IN EXCESS OF 4 INCHES ARE STILL POSSIBLE NEAR THE PATH AND TO THE EAST. THIS WILL CAUSE SOME LOCAL FLOODING AND ALL INTERESTS SHOULD KEEP IN TOUCH WITH FLOOD STATEMENTS ISSUED BY LOCAL WEATHER SERVICE OFFICES.

AT 6 AM EDT...1000Z...TROPICAL STORM DORIA WAS LOCATED AT ABOUT LATITUDE 40.5 NORTH LONGITUDE 74.7 WEST IN CENTRAL NEW JERSEY MOVING TOWARDS THE NORTH-NORTHEAST 30 MPH. THE STORM IS EXPECTED TO PASS JUST WEST OF NEW YORK CITY EARLY TODAY AND THEN TURN A LITTLE MORE TO THE NORTHEAST AS IT MOVES INTO NEW ENGLAND LATER TODAY. THE FORECAST IS FOR THE STORM TO MAINTAIN ITS PRESENT INTENSITY UNTIL IT MOVES NORTH OF THE NEW YORK CITY AREA AND THEN SLOWLY WEAKEN AS IT MOVES FURTHER FROM THE COAST.

HIGHEST WINDS ARE UP TO 60 TO 65 MPH ON EXPOSED BEACHES TO THE EAST OF THE CENTER. LOWEST PRESSURE IS ESTIMATED AROUND 993 MILLIBARS OR ABOUT 29.32 INCHES.

TIDES ALONG THE COASTS OF NORTHERN NEW JERSEY AND CONNECTICUT INCLUDING LONG ISLAND SHOULD RISE TO 3 TO 5 FEET ABOVE NORMAL AS THE STORM APPROACHES BUT FLOODING IS EXPECTED TO BE MINOR DUE TO THE STORM ARRIVING WITH LOW ASTRONOMICAL TIDES.

AS DORIA MOVED NORTHWARD JUST INLAND ALONG THE MARYLAND AND DELAWARE COASTS DURING THE NIGHT, TIDES OF 3 TO 5 FEET ABOVE NORMAL WERE REPORTED BUT WITH ONLY MINOR FLOODING DUE TO THE LOW ASTRONOMICAL TIDES. WINDS IN THIS AREA WERE REPORTED UP TO 60 MPH IN GUSTS ALONG THE COAST.

REPEATING THE 6 AM EDT POSITION OF DORIA...LATITUDE 40.5 NORTH...LONGITUDE 74.7 WEST.

THE NEXT ADVISORY WILL BE ISSUED AT NOON EDT BY THE BOSTON FORECAST OFFICE WITH A BULLETIN AT 8 AM EDT.

PORTER

BOSTON

BULLETIN 8 AM EDT SATURDAY AUGUST 28, 1971

.....DORIA PRODUCING HEAVY RAIN.....

STORM WARNINGS ARE IN EFFECT FROM BARNEGAT LIGHT NEW JERSEY TO BLOCK ISLAND BUT WILL BE CHANGED TO SMALL CRAFT WARNINGS OR DISCONTINUED AROUND 10 AM EDT. GALE WARNINGS ARE IN EFFECT FROM BLOCK ISLAND TO EASTPORT, MAINE.

FLASH FLOOD WARNINGS ARE IN EFFECT FOR THE BERKSHIRES IN MASSACHUSETTS WESTERN CONNECTICUT AND ROCKLAND AND WESCHETER COUNTIES IN NEW YORK. A FLASH FLOOD WATCH IS IN EFFECT FOR THE REMAINDER OF NEW ENGLAND EXCEPT MAINE. RAINFALL WILL BE IN EXCESS OF 4 INCHES NEAR THE CENTER OF DORIA AS SHE MOVES THROUGH THE LOWER HUDSON RIVER VALLEY INTO WESTERN NEW ENGLAND THIS MORNING. TRENTON NEW JERSEY REPORTS 6.05 INCHES OF RAIN 24 HOURS ENDING AT 2 AM. THIS WAS A NEW RECORD. SEVERAL PLACES FROM WASHINGTON NORTHWARD TO NEW YORK HAD OVER 5 INCHES OF RAIN AND THERE WAS CONSIDERABLE FLOODING. PERSONS NEAR SMALL STREAMS IN THE WARNING AREA SHOULD TAKE NECESSARY PRECAUTIONS.

AT 8 AM EDT..1200Z..THE CENTER OF TROPICAL STORM DORIA WAS LOCATED ABOUT LATITUDE 41.0 NORTH AND LONGITUDE 74.0 WEST OR ABOUT 15 MILES NORTH OF NEW YORK CITY. DORIA IS MOVING NORTH-NORTHEASTWARD ABOUT 35 MPH AND WILL TURN MORE TOWARD THE NORTHEAST DURING THE DAY. WINDS WILL DIMINISH IN STRENGTH AROUND THE CENTER AS THE STORM MOVES FARTHER INLAND. HIGHEST WIND REPORTED DURING THE NIGHT WAS 75 MPH IN GUSTS AT BRIDGEPORT, CONNECTICUT.

TIDES WHICH HAVE BEEN 3 TO 5 FEET ABOVE NORMAL WILL SLOWLY SUBSIDE FROM CAPE COD SOUTHWARD. SURF WILL REMAIN HIGH ALONG THE COAST AND SEAS WILL BE ROUGH. PERSONS SHOULD EXERCISE CAUTION ON THE BEACHES AND SMALL CRAFT SHOULD REMAIN IN SAFE HARBOR UNTIL SEAS SUBSIDE.

THE NEXT ADVISORY WILL BE ISSUED AT NOON BY THE BOSTON FORECAST OFFICE WITH A BULLETIN OR SPECIAL ADVISORY AT 10 AM EDT.

PIERCE

BULLETIN 10 AM EDT SATURDAY AUGUST 28, 1971

.....DORIA PRODUCING HEAVY RAIN IN NEW ENGLAND.....

GALE WARNINGS ARE IN EFFECT FROM BLOCK ISLAND, RHODE ISLAND TO EASTPORT, MAINE. MARINE WARNINGS HAVE BEEN DISCONTINUED SOUTH OF BLOCK ISLAND.

FLASH FLOOD WARNINGS ARE IN EFFECT FOR VERMONT AND THE BERKSHIRES OF WESTERN MASSACHUSETTS AND WESTERN CONNECTICUT. A FLASH FLOOD WATCH IS IN EFFECT FOR THE REMAINDER OF NEW ENGLAND AND EXTREME EASTERN NEW YORK STATE. RAINFALL IN EXCESS OF 4 INCHES WILL OCCUR NEAR THE CENTER OF TROPICAL STORM DORIA AS SHE MOVES NORTHEASTWARD THROUGH NORTHERN CONNECTICUT WESTERN MASSACHUSETTS AND THENCE NORTHEASTWARD LATER THIS MORNING AND AFTERNOON.

ALMOST 8 INCHES OF RAIN HAVE OCCURRED IN SOME SECTIONS OF SOUTHEASTERN NEW YORK STATE AND THERE HAS BEEN FLOODING. PERSONS NEAR SMALL STREAMS IN THE WARNING AREA SHOULD TAKE NECESSARY PRECAUTIONS AND THOSE IN THE WATER AREA SHOULD BE ON THE ALERT.

AT 10 AM EDT..1400Z..THE CENTER OF TROPICAL STORM DORIA WAS LOCATED IN THE VICINITY OF HARTFORD, CONNECTICUT AND WAS MOVING TOWARD THE NORTHEAST AT ABOUT 30 MPH. IT WILL CONTINUE MOVING IN THE SAME DIRECTION AND SPEED DURING THE THE REMAINDER OF THE DAY..THE WINDS WILL GRADUALLY DIMINISH IN STRENGTH AS THE STORM CONTINUES MOVING ALONG. HIGHEST WIND REPORTED THIS MORNING WAS A PEAK GUST OF 80 MPH AT THE BLUE HILL OBSERVATORY AT MILTON, MASSACHUSETTS. THE OBSERVATORY IS ABOUT 700 FEET MSL.

TIDES OF 3 TO 5 FEET ABOVE NORMAL THIS MORNING WILL GRADUALLY SUBSIDE FROM CAPE COD SOUTHWARD. THE SURF WILL REMAIN HIGH ALONG THE COAST AND SEAS WILL CONTINUE ROUGH. CAUTION SHOULD BE EXERCISED ON THE BEACHES AND SMALL CRAFT SHOULD REMAIN IN SAFE HARBOR UNTIL THE SEAS SUBSIDE.

THE NEXT ADVISORY WILL BE ISSUED AT NOON BY THE BOSTON FORECAST OFFICE.

TENENBAUM

ADVISORY NO. 14 12 NOON EDT SATURDAY AUGUST 28, 1971

....DORIA MOVING THROUGH NORTHERN NEW ENGLAND....

GALE WARNINGS ARE IN EFFECT FROM BLOCK ISLAND, RHODE ISLAND TO EASTPORT, MAINE. MARINE WARNINGS HAVE BEEN DISCONTINUED SOUTH OF BLOCK ISLAND.

FLASH FLOOD WARNINGS ARE IN EFFECT FOR THE BERKSHIRES OF WESTERN MASSACHUSETTS

MORE THAN 8 INCHES OF RAIN HAVE FALLEN IN 24 HOURS OVER SECTIONS OF SOUTHEASTERN NEW YORK STATE AND THERE HAS BEEN SOME FLOODING. PERSONS NEAR SMALL STREAMS IN THE FLASH FLOOD WARNINGS AREA SHOULD TAKE NECESSARY PRECAUTIONS.

AT 12 NOON EDT..1600Z..THE CENTER OF TROPICAL STORM DORIA WAS LOCATED AT ABOUT LATITUDE 42.5 NORTH AND LONGITUDE 72.5 WEST OR IN THE VICINITY OF NORTHAMPTON, MASSACHUSETTS AND WAS MOVING TOWARDS THE NORTH-NORTHEAST AT 30 MPH. THE STORM IS EXPECTED TO TAKE A COURSE MORE TO THE NORTHEAST AS IT MOVES THROUGH SOUTHERN NEW HAMPSHIRE AND CENTRAL MAINE THIS AFTERNOON AND TONIGHT. THE TROPICAL STORM WILL GRADUALLY WEAKEN AS IT CONTINUES TO MOVE OVER LAND TOWARD MORE NORTHERN LATITUDES.

HIGHEST WINDS ARE ABOUT 50 MPH TO THE EAST OF THE STORM CENTER WITH GUSTS OF 60 TO 70 MPH. LOWEST PRESSURE IS ESTIMATED ABOUT 995 MILLIBARS OR 29.38 INCHES. HIGHEST WIND REPORT THIS MORNING WAS A PEAK GUST OF 80 MPH AT THE BLUE HILL OBSERVATORY AT MILTON, MASSACHUSETTS. THE OBSERVATORY IS ABOUT 700 FEET ABOVE MEAN SEA LEVEL.

TIDES OF 3 TO 5 FEET ABOVE NORMAL ALONG THE NEW ENGLAND COAST WILL CONTINUE NORTH OF CAPE COD THIS AFTERNOON BUT WILL GRADUALLY SUBSIDE TO THE SOUTH. THE SURF WILL REMAIN HIGH ALONG THE COAST AND SEAS WILL CONTINUE ROUGH. CAUTION SHOULD BE EXERCISED ON THE BEACHES AND SMALL CRAFT SHOULD REMAIN IN SAFE HARBOR UNTIL THE SEAS SUBSIDE.

REPEATING THE 12 NOON POSITION OF DORIA...LATITUDE 42.5 NORTH...LONGITUDE 72.5 WEST.

THE NEXT ADVISORY WILL BE ISSUED AT 6 PM EDT BY THE BOSTON FORECAST OFFICE WITH INTERMEDIATE BULLETINS AT 2 AND 4 PM.

TENENBAUM

BULLETIN 2 PM EDT SATURDAY AUGUST 28, 1971

...DORIA WEAKENING...

GALE WARNINGS ARE STILL IN EFFECT FROM BLOCK ISLAND, RHODE ISLAND TO EASTPORT, MAINE.

A FLASH FLOOD WATCH IS IN EFFECT FOR VERMONT.

HEAVY RAINS HAVE OCCURRED DURING THE PAST 24 HOURS OVER PORTIONS OF WESTERN NEW ENGLAND AND EXTREME EASTERN NEW YORK STATE AND SOME FLOODING OF SMALLER STREAMS IS STILL BEING REPORTED IN VERMONT. PERSONS IN THE AREA OF SUCH STREAMS SHOULD CONTINUE ON THE ALERT.

AT 2 PM EDT..1800Z..THE CENTER OF THE WEAKENING TROPICAL STORM WAS LOCATED ABOUT 20 MILES SOUTHEAST OF MT. WASHINGTON AND MOVING TOWARD THE NORTHEAST AT ABOUT 35 MPH. HIGHEST WINDS ARE ABOUT 35 MPH WITH GUSTS BETWEEN 40 AND 50 MPH. LOWEST PRESSURE IS ESTIMATED ABOUT 998 MILLIBARS OR 29.47 INCHES.

THE STORM IS EXPECTED TO CONTINUE MOVING TOWARD THE NORTHEAST AT A SLIGHTLY INCREASED SPEED AND FURTHER GRADUAL DECREASE IN INTENSITY DURING THE NEXT 12 HOURS. THE CENTER WILL BE MOVING OUT OF NEW ENGLAND EARLY TONIGHT. RAINFALL AMOUNTS WILL DECREASE AS THE STORM MOVES ALONG.

TIDES OF 3 TO 5 FEET ABOVE NORMAL ALONG THE NEW ENGLAND COAST NORTH OF CAPE COD WILL CONTINUE INTO THE EVENING BUT WILL DIMINISH TONIGHT. THE SURF WILL REMAIN HIGH ALONG THE COAST AND SEAS WILL CONTINUE ROUGH. CAUTION SHOULD BE EXERCISED ON THE BEACHES THIS AFTERNOON AND SMALL CRAFT SHOULD REMAIN IN SAFE HARBOR UNTIL THE SEAS SUBSIDE.

THE NEXT BULLETIN WILL BE ISSUED BY THE BOSTON FORECAST OFFICE AT 4 PM AND THE NEXT ADVISORY AT 6 PM EDT.

TENENBAUM

BULLETIN 4 PM EDT SATURDAY AUGUST 28, 1971

...DORIA SPEEDING NORTHWARD...

GALE WARNINGS ARE STILL IN EFFECT FROM BLOCK ISLAND, RHODE ISLAND TO EASTPORT, MAINE.

FLASH FLOOD WATCHES FOR VERMONT HAVE BEEN DISCONTINUED.

AT 4 PM EDT...2000Z...THE CENTER OF WEAKENING TROPICAL STORM DORIA WAS LOCATED NEAR THE NORTHERN TIP OF NEW HAMPSHIRE AND WAS MOVING TOWARD THE NORTH-NORTHEAST AT ABOUT 40 MPH. HIGHEST WINDS ARE STILL ABOUT 35 MPH WITH GUSTS OF ABOUT 45 MPH. LOWEST PRESSURE WAS ESTIMATED AT 1000 MILLIBARS OR 29.53 INCHES.

THE STORM IS EXPECTED TO MOVE NORTH-NORTHEASTWARD INTO CANADA AT AN INCREASED SPEED WITH A FURTHER GRADUAL DECREASE IN INTENSITY DURING THE NEXT 12 HOURS. RAINFALL AMOUNTS OVER NORTHERN NEW ENGLAND WILL SHOW A MARKED DECREASE DURING THE NEXT FEW HOURS.

TIDES WILL CONTINUE ABOUT 3 OR 4 FEET ABOVE NORMAL ALONG THE NEW ENGLAND COAST NORTH OF CAPE COD INTO THIS EVENING BUT WILL DIMINISH TONIGHT. THE SURF WILL REMAIN HIGH ALONG THE COAST AND SEAS WILL CONTINUE ROUGH. CAUTION SHOULD BE EXERCISED ON THE BEACHES AND SMALL CRAFT SHOULD REMAIN IN SAFE HARBOR UNTIL THE SEAS SUBSIDE.

THE STORM CAUSED SOME DAMAGE AS IT MOVED NORTHWARD..INCLUDING POWER OUTAGES..FLOODING..BROKEN TREES..ETC... AS A RESULT OF THE GUSTY WINDS AND HEAVY RAINS. HIGHEST WINDS IN NEW ENGLAND AS THE STORM MOVED THROUGH WERE ABOUT 75 MPH IN GUSTS NEAR SEA LEVEL AT BRIDGEPORT, CONNECTICUT AND BLOCK ISLAND, RHODE ISLAND...AND 80 MPH ON BLUE HILL AT MILTON, MASSACHUSETTS. THE BLUE HILL OBSERVATORY IS ABOUT 700 FEET ABOVE SEA LEVEL. THE MT. WASHINGTON, NEW HAMPSHIRE OBSERVATORY REPORTED GUSTS OF 97 MPH. THIS OBSERVING POST IS MORE THAN 6000 FEET MSL. IN THE MORE POPULATED AREAS OF NEW ENGLAND...BOSTON REPORTED A GUST OF 57 MPH AND PROVIDENCE 61 MPH.

THE NEXT ADVISORY ON THIS STORM WILL BE ISSUED BY THE BOSTON FORECAST OFFICE AT 6 PM EDT.

TENENBAUM.

ADVISORY NO. 15 6 PM EDT SATURDAY AUGUST 28, 1971

...DORIA MOVES INTO CANADA...

GALE WARNINGS HAVE BEEN DISCONTINUED FROM EASTPORT, MAINE TO BLOCK ISLAND, RHODE ISLAND AS OF 6 PM EDT.

AT 6 PM EDT...2200Z...THE CENTER OF WEAKENING STORM DORIA WAS LOCATED IN EXTREME NORTHERN MAINE AND WAS MOVING NORTHEASTWARD AT ABOUT 40 MPH. IT WILL MOVE INTO CANADA WITHIN A FEW HOURS. THE STORM HAS BECOME NONTROPICAL AND IS RAPIDLY LOSING STRENGTH. HIGHEST WINDS ARE NOW ABOUT 35 MPH WITH GUSTS OF 45 MPH ALONG THE NEW ENGLAND COAST. RAINFALL STILL OCCURRING OVER NORTHERN NEW ENGLAND WILL BECOME VERY LIGHT OR END THIS EVENING OR TONIGHT.

ABOVE NORMAL TIDES ALONG THE NEW ENGLAND COAST WILL DECREASE TONIGHT. THE HIGH SURF ALONG THE COAST AND ROUGH SEAS NEAR THE COAST WILL ALSO DIMINISH DURING THE NEXT 6 TO 12 HOURS. HOWEVER CAUTION SHOULD BE EXERCISED ON THE BEACHES AND SMALL CRAFT SHOULD REMAIN IN SAFE HARBOR UNTIL THE SEAS SUBSIDE.

THIS IS THE FINAL ADVISORY ISSUED BY THE BOSTON FORECAST OFFICE ON THIS STORM. FURTHER ADVICES ON THE EFFECTS OF THE STORM WILL APPEAR IN THE REGULARLY SCHEDULED FORECASTS OF THE NATIONAL WEATHER SERVICE.

TENENBAUM

## STATEMENTS AND FLOODING BULLETINS

### SAN JUAN, PUERTO RICO

STATEMENT 6:00 AM AST SUNDAY AUGUST 22, 1971

AN AIR FORCE RECONNAISSANCE PLANE IS ENROUTE TO THE AREA OF THE TROPICAL DEPRESSION EAST OF THE WINDWARDS. NO DATA HAS BEEN RECEIVED FROM THE AREA DURING THE NIGHT BUT EXTRAPOLATION FROM GOOD FIXES YESTERDAY PLACE THE CENTER IN THE VICINITY OF LATITUDE 11.0 NORTH LONGITUDE 57.0 WEST AT 6 AM AST...1000Z...THIS MORNING. IT IS MOVING WEST AT 15 MPH. HIGHEST SUSTAINED WINDS ARE ESTIMATED TO BE 25 TO 35 MPH MOSTLY NORTH AND EAST OF THE SYSTEM. A BULLETIN WILL BE ISSUED BY THE WEATHER SERVICE AT SAN JUAN AS SOON AS MORE INFORMATION IS RECEIVED FROM THE INVESTIGATING AIRCRAFT.

HOOSE

STATEMENT 8:00 AM AST SUNDAY AUGUST 22, 1971

THE AIR FORCE RECONNAISSANCE AIRCRAFT SEARCHING THE AREA EAST OF THE WINDWARDS HAS BEEN UNABLE TO LOCATE ANY CIRCULATION AT LATITUDE 11.0 NORTH LONGITUDE 57.0 WEST. THE WINDS IN THE AREA WERE CALM AND THERE WAS NO WEATHER. THE AIRCRAFT IS NOW INVESTIGATING NORTHEASTWARD WHERE SATELLITE PHOTOS YESTERDAY AFTERNOON SHOWED A LINE OF CLOUDS. THE NATIONAL WEATHER SERVICE AT SAN JUAN WILL ISSUE A BULLETIN AS SOON AS THE AIR FORCE PLANE FINDS ANYTHING SIGNIFICANT. THERE WILL BE AN ESSA 8 SATELLITE PHOTO OF THE AREA THIS MORNING WHICH SHOULD PROVIDE ADDITIONAL INFORMATION.

HOOSE

### CHARLESTON, SOUTH CAROLINA

STATEMENT 6:30 PM EDT THURSDAY AUGUST 26, 1971

SUPPLEMENT FOR ADVISORY ON TROPICAL STORM DORIA

THE PRESENT FORECAST ON TROPICAL STORM DORIA INDICATES THE STORM WILL PASS SLIGHTLY OVER 100 MILES EAST OF CHARLESTON, SOUTH CAROLINA, AROUND 8 AM ON FRIDAY HEADING NORTHWARD TOWARD THE WILMINGTON, NORTH CAROLINA, AREA.

WINDS EXPECTED TO INCREASE ALONG THE SOUTH CAROLINA COAST LATE TONIGHT TO 30 TO 35 KNOTS ALONG THE UPPER SOUTH CAROLINA COAST AND ABOUT 20 TO 30 KNOTS CHARLESTON SOUTHWARD.

TIDES WILL INCREASE TONIGHT AND WITH THE SEAS BECOMING ROUGH OFF SHORE. HIGH TIDE NEAR NOON FRIDAY EXPECTED TO BE ABOUT 7 FEET IN THE CHARLESTON COASTAL AREA. SOME BEACH EROSION LIKELY...MOSTLY ALONG THE UPPER COAST.

RESIDENTS SHOULD KEEP IN TOUCH WITH THE NEWS MEDIA FOR LATTER INFORMATION ON THE STORM.

STATEMENT 10:15 PM EDT THURSDAY AUGUST 26, 1971

SUPPLEMENT TO 9 PM MIAMI BULLETIN

THE FORECAST MOVEMENT FOR TROPICAL STORM DORIA INDICATES IT SHOULD PASS EAST OF CHARLESTON, S.C., OVER 100 MILES TO THE EAST OF THE COAST ABOUT 8 AM ON FRIDAY AND PASS ABEAM MYRTLE BEACH ABOUT 80 MILES OFFSHORE NEAR 11 AM ON FRIDAY HEADING TOWARD THE NORTH CAROLINA COAST ABOUT WILMINGTON.

TIDES EXPECTED TO RUN ABOUT 2 FEET ABOVE NORMAL ALONG THE LOWER SOUTH CAROLINA COAST AND 2 TO 3 FEET ALONG THE UPPER SOUTH CAROLINA COAST. SHALLOW FLOODING AND BEACH EROSION LIKELY ESPECIALLY ALONG THE UPPER COUNTIES.

WINDS ALONG THE COAST LIKELY 20 TO 30 MPH FRIDAY MORNING LOWER COAST AND 30 TO 45 MPH NORTH COAST OF SOUTH CAROLINA.

AT 9 PM EDT...CHARLESTON WEATHER RADAR INDICATES ONLY SCATTERED SHOWERS AND PATCHY RAIN OVER SOUTH CAROLINA AND SCATTERED RAIN OVER THE SEA 80 OR MORE MILES SOUTHEAST OF CHARLESTON.

NEXT LOCAL STATEMENT FROM THE CHARLESTON OFFICE JUST AFTER MIDNIGHT.

STATEMENT 1:45 AM EDT FRIDAY AUGUST 27, 1971

SUPPLEMENT TO MIDNIGHT BULLETIN ON TROPICAL STORM DORIA

THE FORECAST MOVEMENT FOR TROPICAL STORM DORIA INDICATES IT SHOULD PASS ABEAM CHARLESTON, S.C., MORE THAN 100 MILES EAST OF THE COAST ABOUT 8 AM FRIDAY.

ABOUT 11 AM FRIDAY THE STORM SHOULD BE ABOUT 80 MILES EAST OF MYRTLE BEACH, SOUTH CAROLINA, MOVING NORTHWARD TOWARD THE WILMINGTON, NORTH CAROLINA, AREA.

GALE FORCE WINDS LIKELY ABOUT 40 MILES EAST OF CHARLESTON AS THE STORM PASSES.

NEAR GALE FORCE WINDS LIKELY...40 TO 55 MPH ALONG THE SHORE NEAR THE NORTH AND SOUTH CAROLINA BORDER.

TIDES EXPECTED TO RUN ABOUT 2 FEET ABOVE NORMAL IN THE CHARLESTON AREA AND 3 FEET ABOVE NORMAL ALONG THE NORTHEAST COAST OF SOUTH CAROLINA. SOME FLOODING LOW AREAS AND BEACH EROSION LIKELY. ROUGH SEAS OFFSHORE.

NEXT STATEMENT SHORTLY AFTER 3 AM THIS FRIDAY MORNING.

STATEMENT 3:30 AM EDT FRIDAY AUGUST 26, 1971

SUPPLEMENT TO 3 AM ADVISORY ON TROPICAL STORM DORIA

THE LATEST INFORMATION ON TROPICAL STORM DORIA INDICATES THAT IT WILL PASS MORE THAN 100 MILES EAST OF CHARLESTON AROUND 8 AM THIS FRIDAY MORNING.

THE TRACK WOULD TAKE THE STORM AROUND 80 MILES EAST OF MYRTLE BEACH, SOUTH CAROLINA, AS THE STORM MOVES NORTHWARD TOWARD THE WILMINGTON, NORTH CAROLINA, AREA.

GALE WINDS...40 TO 55 MPH...SHOULD OCCUR ABOUT 40 TO 50 MILES OFF THE CHARLESTON COAST WHILE 30 TO 45 MPH WINDS MAY OCCUR ALONG THE COAST NORTH OF CRESCENT BEACH, SOUTH CAROLINA.

TIDES STILL EXPECTED TO BE ABOUT 2 FEET ABOVE NORMAL ALONG THE LOWER SOUTH CAROLINA COAST FRIDAY AND ABOUT 3 FEET ABOVE NORMAL ALONG THE UPPER SOUTH CAROLINA COAST. SOME FLOODING IN LOW AREAS AND BEACH EROSION LIKELY NEAR HIGH TIDE NEAR NOON FRIDAY.

SEAS WILL BECOME ROUGH OFFSHORE AND SMALL CRAFT WARNINGS ARE IN EFFECT ALONG THE SOUTH CAROLINA COAST.

THE NEXT STATEMENT WILL BE ISSUED AFTER 6 AM THIS FRIDAY MORNING.

STATEMENT 6:00 AM EDT FRIDAY AUGUST 27, 1971

SUPPLEMENT TO THE 6 AM MIAMI ADVISORY FOR RESIDENTS OF COASTAL SOUTH CAROLINA.

NO EMERGENCY ACTIONS ARE INDICATED FOR SOUTH CAROLINA RESIDENTS AT THIS TIME.

SMALL CRAFT WARNINGS ARE IN EFFECT ALONG THE SOUTH CAROLINA COAST AND MARINERS SHOULD AVOID ALL OPEN WATERS TODAY.

AT 6 AM THIS MORNING THE TIDES IN CHARLESTON HARBOR WERE RUNNING ONE FOOT ABOVE NORMAL AND ARE NOT EXPECTED TO INCREASE ENOUGH TO CAUSE ANY SERIOUS TIDAL FLOODING.

SWIMMERS IN THE MYRTLE BEACH AND CRESCENT BEACH AREAS SHOULD EXERCISE EXTREME CAUTION BECAUSE OF POSSIBLE STRONG UNDERCURRENTS OR UNDERTOW.

AT 6 AM EDT...THE NATIONAL HURRICANE CENTER PLACED THE STORM CENTER AT LATITUDE 32.6 NORTH AND LONGITUDE 77.2 WEST WHICH IS ABOUT 180 MILES EAST SOUTHEAST OF CHARLESTON AND MOVING NORTHWARD AT 20 MILES PER HOUR.

ANOTHER STATEMENT WILL BE ISSUED AT 9 AM UNLESS CONDITIONS WARRANT AN EARLIER RELEASE.

STATEMENT 9 AM EDT FRIDAY AUGUST 27, 1971

SUPPLEMENT TO THE 9 AM NATIONAL HURRICANE CENTER ADVISORY FOR RESIDENTS OF COASTAL SOUTH CAROLINA.

...SMALL CRAFT WARNINGS ARE IN EFFECT ALONG THE SOUTH CAROLINA COAST AND MARINERS SHOULD AVOID OPEN WATERS TODAY...

AT 9 AM EDT TODAY TIDES IN CHARLESTON HARBOR CONTINUED ABOUT ONE FOOT ABOVE NORMAL AND LOCAL TIDAL FLOODING IS NOT EXPECTED.

SWIMMERS ALONG THE GRAND STRAND OF SOUTH CAROLINA SHOULD EXERCISE EXTREME CAUTION DUE TO STRONG CURRENTS AND UNDERTOW.

AT 9 AM EDT NATIONAL HURRICANE CENTER LOCATED THE CENTER OF TROPICAL STORM DORIA AT LATITUDE 32.8 NORTH LONGITUDE 77.3 WEST WHICH IS 150 MILES DUE EAST OF CHARLESTON. DORIA IS FORECAST TO CONTINUE NORTHWARD WITH SOME INTENSIFICATION AND ACCELERATION BEFORE MAKING LANDFALL ON THE NORTH CAROLINA COAST NEAR WILMINGTON.

ANOTHER STATEMENT WILL BE ISSUED AT NOON UNLESS CONDITIONS WARRANT AN EARLIER RELEASE.

STATEMENT 12:30 PM EDT FRIDAY AUGUST 27, 1971

SUPPLEMENT TO THE NOON ADVISORY ISSUED BY THE NATIONAL HURRICANE CENTER MIAMI.

SMALL CRAFT WARNINGS ARE IN EFFECT ALONG THE SOUTH CAROLINA COAST AND MARINERS SHOULD AVOID ALL OPEN WATERS TODAY.

SWIMMERS ON THE SOUTH CAROLINA BEACHES ESPECIALLY CHARLESTON NORTHWARD SHOULD EXERCISE CAUTION BECAUSE OF POSSIBLE STRONG UNDERCURRENTS OR UNDERTOW.

TIDES IN THE CHARLESTON HARBOR ARE NOW RUNNING ABOUT 1/2 FOOT ABOVE NORMAL AND ARE NOT EXPECTED TO INCREASE ENOUGH TO CAUSE TIDAL FLOODING.

AT 12 NOON EDT...THE NATIONAL HURRICANE CENTER PLACED THE STORM AT LATITUDE 33.9 NORTH AND LONGITUDE 77.5 WEST WHICH IS ABOUT 150 MILES NORTHEAST OF CHARLESTON.

THIS IS THE LAST STATEMENT THAT WILL BE ISSUED BY THIS OFFICE ON TROPICAL STORM DORIA UNLESS CONDITIONS WARRANT ADDITIONAL STATEMENTS.

WILMINGTON, NORTH CAROLINA

STATEMENT 4 PM EDT THURSDAY AUGUST 26, 1971

SUPPLEMENT TO THE 3 PM MIAMI ADVISORY FOR THE COASTAL COUNTIES OF NORTH CAROLINA SOUTH OF OCRAKOE INLET AND FOR INLAND PORTIONS OF PAMLICO SOUND.

COASTAL NORTH CAROLINA ALERTED...

THE TROPICAL DEPRESSION LOCATED ABOUT 400 MILES SOUTH OF WILMINGTON, NORTH CAROLINA, AT 3 PM THIS AFTERNOON IS EXPECTED TO INTENSIFY FURTHER AS IT MOVES UP THE COAST TONIGHT.

ITS PROJECTED PATH WILL BRING DORIA TO THE NORTH CAROLINA COAST NEAR WILMINGTON ABOUT NOON FRIDAY.

TIDES AND WINDS WILL INCREASE TONIGHT WITH THE SEAS BECOMING ROUGH. THE TIMES OF THE ASTRONOMICAL OR MOON TIDES ALONG THE NORTH CAROLINA COAST...LOW TIDE BETWEEN 5 AND 7 AM FRIDAY MORNING AND HIGH TIDE SHORTLY AFTER NOON ON FRIDAY.

OUR PRESENT ESTIMATES ARE FOR TIDES TO RANGE BETWEEN 1 AND 3 FEET ABOVE NORMAL BY LATE TONIGHT BUT MAY RANGE AS HIGH AS 3 TO 5 FEET ABOVE NORMAL FRIDAY AS THE DEPRESSION APPROACHES OUR LATITUDE AND THE WINDS INCREASE.

TIDES AT INLAND LOCATIONS OF PAMLICO SOUND SHOULD BE NO HIGHER THAN 1 TO 2 FEET ABOVE NORMAL TONIGHT.

BASED UPON THE LATEST INFORMATION NO TIDAL FLOODING IS EXPECTED TONIGHT ALONG THE NORTH CAROLINA COAST SOUTH OF OCRACOKE INLET.

KEEP TUNED TO FAVORITE RADIO OR TELEVISION STATION AS LATER ADVISORIES AND STATEMENTS WILL REVISE THESE TIDE ESTIMATES.

STATEMENT 6:15 PM EDT THURSDAY AUGUST 26, 1971

SUPPLEMENT TO 6 AM EDT NATIONAL HURRICANE CENTER ADVISORY FOR COASTAL COUNTIES OF NORTH CAROLINA SOUTH OF OCRACOKE INLET AND FOR THE INLAND PORTIONS OF PAMLICO SOUND

DORIA CONTINUES TO STRENGTHEN...

DORIA HAS INCREASED TO STORM INTENSITY AND WINDS MAY INCREASE TO NEAR HURRICANE FORCE BEFORE THIS STORM CROSSES THE NORTH CAROLINA COAST AROUND MIDDAY FRIDAY.

WINDS...AND TIDES ALONG THE NORTH CAROLINA COAST WILL BE INCREASING TONIGHT. SEAS AND SURF WILL BECOME VERY ROUGH BEFORE DAYBREAK FRIDAY.

THE PRESENT ESTIMATES ARE FOR TIDES TO RANGE BETWEEN 1 AND 3 FEET ABOVE NORMAL BY LATE TONIGHT AND RANGE AS HIGH AS 3 TO 5 FEET ABOVE NORMAL FRIDAY AS DORIA APPROACHES OUR LATITUDE. THE ASTRONOMICAL TIDES ARE LOW BETWEEN 5 AND 7 AM FRIDAY MORNING AND HIGH SHORTLY AFTER NOON FRIDAY.

TIDES AT INLAND LOCATIONS OF PAMLICO SOUND SHOULD BE NO HIGHER THAN 1 TO 2 FEET ABOVE MEAN WATER LEVEL TONIGHT BUT ARE LIKELY TO RANGE 2 TO 4 FEET ABOVE MEAN WATER LEVELS ON FRIDAY.

BASED UPON LATEST INFORMATION NO TIDAL FLOODING IS EXPECTED TONIGHT ALONG THE NORTH CAROLINA COAST SOUTH OF OCRACOKE INLET AND AT INLAND PORTIONS OF PAMLICO SOUND. NEVERTHELESS PLANS SHOULD BE MADE FOR PROTECTION AGAINST TIDAL FLOODING ON FRIDAY ESPECIALLY AT THE MIDDAY NORMAL HIGH TIDE.

ALL INTERESTS SHOULD LISTEN FOR LATEST ADVISORIES FROM THE NATIONAL HURRICANE CENTER AND STATEMENTS FROM THE LOCAL WEATHER SERVICE.

DUKE

STATEMENT 9:30 PM EDT THURSDAY AUGUST 26, 1971

SUPPLEMENT TO THE 9 PM EDT NATIONAL HURRICANE CENTER BULLETIN FOR COASTAL COUNTIES OF NORTH CAROLINA SOUTH OF OCRACOKE INLET AND FOR THE INLAND PORTIONS OF PAMLICO SOUND.

DORIA HEADED FOR THE NORTH CAROLINA COAST...

THE TROPICAL STORM WAS ABOUT 310 MILES SOUTH OF WILMINGTON AT 9 PM.

STATEMENTS ON DORIA ISSUED EARLIER STATED THAT NO TIDAL FLOODING WAS INDICATED TONIGHT ALONG THE NORTH CAROLINA COAST SOUTH OF OCRACOKE INLET AND AT INLAND PORTIONS OF PAMLICO SOUND. BUT ON FRIDAY TIDES MAY RANGE AS HIGH AS 3 TO 5 FEET ABOVE NORMAL ALONG THE OCEAN FRONT AND 2 TO 4 FEET ABOVE MEAN WATER LEVELS IN PAMLICO SOUND.

FLOODING BEGINS ON MOST OF THE NORTH CAROLINA BEACHES SOUTH OF CAPE LOOKOUT AROUND 7 FEET ABOVE MEAN LOW WATER OR ABOUT 5 FEET ABOVE MEAN SEA LEVEL. SHOULD THE STORM TIDES REACH 3 TO 5 FEET ABOVE THE NORMAL HIGH TIDE AND OCCUR AROUND MIDDAY FRIDAY THE TIDE LEVEL WOULD REACH 7 TO 9 FEET ABOVE NORMAL MEAN LOW WATER.

AT INLAND LOCATIONS IN PAMLICO SOUND AND IN THE PAMLICO RIVER AND THE NEUSE RIVER ESTUARIES SIGNIFICANT FLOODING BEGINS ABOUT 3 FEET ABOVE THE MEAN WATER LEVEL.

AGAIN WE URGE THAT PLANS SHOULD BE MADE FOR PROTECTION AGAINST TIDAL FLOODING ON FRIDAY AT THE TIME OF THE NORMAL HIGH TIDE AROUND NOON.

FURTHER STATEMENTS WILL BE ISSUED OVER THIS STATION BY THE NATIONAL WEATHER SERVICE OFFICE IN WILMINGTON AS SIGNIFICANT CHANGES IN CONDITIONS TAKE PLACE.

DUKE

STATEMENT 6:15 AM EDT FRIDAY AUGUST 27, 1971

SUPPLEMENT TO THE 6 AM EDT NATIONAL HURRICANE CENTER ADVISORY...FOR COASTAL COUNTIES OF NORTH CAROLINA SOUTH OF OCRACOKE INLET AND FOR THE INLAND PORTIONS OF PAMLICO SOUND.

HURRICANE WATCH IN EFFECT CAPE FEAR TO CAPE LOOKOUT.

ALL BEACHES AND LOW LYING AREAS BETWEEN CAPE FEAR AND CAPE LOOKOUT WHICH WILL FLOOD BY TIDES OF SEVEN FEET ABOVE MEAN SEA LEVEL SHOULD BE EVACUATED THIS MORNING.

AT 6 AM EDT DORIA WAS LOCATED 115 MILES SOUTH SOUTHEAST OF WILMINGTON MOVING NORTHWARD AT 20 MILES PER HOUR.

PRECAUTIONS SHOULD BEGIN IMMEDIATELY AND BE COMPLETED BY MID MORNING FOR PROTECTION AGAINST WINDS OF NEAR HURRICANE FORCE AND TIDES HEIGHTS OF 3 TO 5 FEET ABOVE NORMAL ALONG THE NORTH CAROLINA COAST BETWEEN CAPE FEAR AND CAPE LOOKOUT.

DORIA IS EXPECTED TO BE VERY NEAR OR APPROACHING THE NORTH CAROLINA COASTLINE AT THE TIME OF HIGH TIDE TODAY AND THE COMBINED TIDAL HEIGHT MAY RUN AS HIGH AS SEVEN FEET ABOVE MEAN SEA LEVEL. THIS WOULD PLACE ONE TO TWO FEET OF WATER OVER MANY OF THE ESCAPE ROADS. THE HIGHEST WINDS AND HIGHEST TIDES ARE ESTIMATED TO OCCUR BETWEEN WRIGHTSVILLE BEACH AND CAPE LOOKOUT AROUND MIDDAY. FLOODING BEGINS ON MOST OF THESE BEACHES AROUND FIVE FEET ABOVE MEAN SEA LEVEL.

TIDES AT INLAND LOCATIONS OF PAMLICO SOUND ARE LIKELY TO RANGE TWO TO FOUR FEET ABOVE MEAN WATER LEVELS. SINCE THE STORM IS EXPECTED TO MAKE LANDFALL WEST OF CAPE LOOKOUT...TIDES IN THE PAMLICO RIVER AND NEUSE RIVER ESTUARIES WILL LIKELY REACH THE FOUR FOOT LEVELS. FLOODING BEGINS AS LOW AS TWO FEET AT SOME LOCATIONS BUT AT MOST FLOODING BEGINS AROUND THREE FEET ABOVE MEAN WATER LEVELS.

ALL INTERESTS IN THE AREA OF HURRICANE WATCH...CAPE FEAR TO CAPE LOOKOUT...SHOULD TAKE STOCK OF THEIR SITUATION AND MAKE NECESSARY PREPARATION FOR THE PROTECTION OF LIFE AND PROPERTY.

INTEREST SHOULD REMAIN ALERT FOR LATEST ADVISORIES...BULLETINS...AND STATEMENTS ON THIS STORM.

KEEP TUNED TO LOCAL RADIO AND TELEVISION.

DUKE

STATEMENT 9:15 AM EDT FRIDAY AUGUST 27, 1971

SUPPLEMENT TO THE 9 AM EDT NATIONAL HURRICANE CENTER BULLETIN...FOR COASTAL COUNTIES OF NORTH CAROLINA SOUTH OF OCRACOKE INLET AND FOR THE INLAND PORTIONS OF PAMLICO SOUND.

DORIA CONTINUES TO PRESS TOWARD THE NORTH CAROLINA COAST.

HURRICANE WATCH IN EFFECT FROM CAPE FEAR TO CAPE LOOKOUT.

AT 9 AM EDT DORIA WAS LOCATED ABOUT 100 MILES SOUTH SOUTHEAST OF WILMINGTON. THE STORM IS NOT MOVING AS FAST AS IT WAS EARLIER TODAY BUT IS EXPECTED TO RESUME A NORTHWARD TRACK AROUND 20 MILES PER HOUR LATER THIS MORNING.

THE CENTER OF THE STORM IS EXPECTED TO PASS JUST EAST OF WILMINGTON EARLY THIS AFTERNOON AND MAKE LANDFALL A SHORT TIME LATER.

TIDES AND WIND ESTIMATES FOR THE NORTH CAROLINA COAST AND FOR PAMLICO SOUND ISSUED EARLIER THIS MORNING REMAIN ESSENTIALLY UNCHANGED.

ALL BEACHES AND LOW LYING AREAS BETWEEN CAPE FEAR AND CAPE LOOKOUT WHICH WILL FLOOD BY TIDES OF 7 FEET ABOVE MEAN SEA LEVEL SHOULD BE EVACUATED. PREPARATION SHOULD BE COMPLETED AGAINST WINDS NEAR HURRICANE FORCE AND TIDE HEIGHTS OF THREE TO FIVE FEET ABOVE NORMAL ALONG THE COAST BETWEEN CAPE FEAR AND CAPE LOOKOUT. TIMES OF THE ASTRONOMICAL HIGH TIDE ALONG THIS PORTION OF THE COAST IS SHORTLY AFTER NOON.

TIDES AT INLAND LOCATIONS OF PAMLICO SOUND ARE EXPECTED TO RANGE TWO TO FOUR FEET ABOVE MEAN WATER LEVELS. WITH THE STORM EXPECTED TO MAKE LANDFALL WEST OF CAPE LOOKOUT...TIDES IN THE PAMLICO RIVER AND NEUSE RIVER ESTUARIES WILL LIKELY REACH THE FOUR FOOT LEVEL.

ALL INTERESTS IN THE AREA OF HURRICANE WATCH...CAPE FEAR TO CAPE LOOKOUT...SHOULD TAKE STOCK OF THEIR SITUATION AND MAKE NECESSARY PREPARATION FOR THE PROTECTION OF LIFE AND PROPERTY.

INTEREST SHOULD REMAIN ALERT FOR THE LATEST INFORMATION ON THIS STORM.

STATEMENT 12:30 PM EDT FRIDAY AUGUST 27, 1971

SUPPLEMENT TO THE NOON EDT NATIONAL HURRICANE CENTER ADVISORY...FOR THE COASTAL COUNTIES OF NORTH CAROLINA SOUTH OF OCRACOKE INLET AND FOR THE INLAND PORTIONS OF PAMLICO SOUND.

DORIA CONTINUES TO CHURN TOWARD THE NORTH CAROLINA COAST.

AT NOON EDT THE TROPICAL STORM WAS ABOUT 35 MILES SOUTHEAST OF WILMINGTON AND WAS MOVING TOWARD THE NORTH AT 20 TO 25 MILES PER HOUR. THE CENTER IS FORECAST TO MAKE LANDFALL JUST NORTHEAST OF WILMINGTON BEFORE 2 PM EDT.

THERE HAS BEEN NO SIGNIFICANT CHANGE IN THE STRENGTH OF THE STORM. THE ESTIMATED TIDE HEIGHTS ISSUED EARLIER THIS MORNING ALSO REMAIN ESSENTIALLY UNCHANGED FOR THE NORTH CAROLINA COAST AND FOR THE INLAND PORTIONS OF PAMLICO SOUND.

TIDES OF 3 TO 5 FEET ABOVE NORMAL ARE STILL INDICATED ALONG THE COAST WITH THE UPPER LIMITS EXPECTED ABOVE WRIGHTSVILLE BEACH. IN PAMLICO SOUND TIDES OF 2 TO 4 FEET ABOVE MEAN WATER LEVEL ARE ALSO STILL INDICATED.

TIDES AT 11 AM EDT WERE RUNNING BETWEEN 1 AND 2 FEET ABOVE NORMAL FROM CAROLINA BEACH TO ATLANTIC BEACH. SEAS WERE ROUGH WITH HEAVY SWELL OF 5 TO 6 FEET.

THE THREAT OF FRESH WATER FLOODING IS BECOMING SERIOUS AND INTERESTS SHOULD BE ALERT TO LOCAL FLOOD STATEMENTS AND RIVER BULLETINS.

IT SHOULD BE NOTED THAT THE HIGHEST WINDS ARE NEAR THE CENTER OF THE STORM WHICH WILL REACH THE COAST IN AN HOUR OR SO.

KEEP TUNED TO YOUR RADIO AND TELEVISION STATION

DUKE

STATEMENT 4:00 PM EDT FRIDAY AUGUST 27, 1971

SUPPLEMENT TO THE 3:30 PM. EDT NATIONAL HURRICANE CENTER ADVISORY...FOR THE COASTAL COUNTIES OF NORTH CAROLINA SOUTH OF OCRACOKE INLET AND FOR THE INLAND PORTIONS OF PAMLICO SOUND.

DORIA CROSSSES BOGUS SOUND WEST OF ATLANTIC BEACH

BY 2 PM EDT TIDES AND WINDS REACHED THEIR HIGHEST LEVELS SOUTH OF NEW RIVER INLET AND WEATHER CONDITIONS HAVE BEEN IMPROVING SINCE THAT TIME.

THE WEATHER OBSERVER AT ATLANTIC BEACH REPORTED AT 2:40 PM EDT THAT THE WIND REACHED 68 MILES PER HOUR...THAT THE TIDE AS 3 TO 4 FEET ABOVE NORMAL WITH SOME LOW LEVEL FLOODING. IMPROVED WEATHER CONDITIONS HAVE FOLLOWED SINCE THAT REPORT.

AT 3:30 PM EDT THE STORM WAS NEAR NEW BERN NORTH CAROLINA AND IS EXPECTED TO CONTINUE ON A NORTHWARD PATH...PASSING NEAR WASHINGTON NORTH CAROLINA TO REACH THE NORTH CAROLINA...VIRGINIA BORDER EARLY THIS EVENING.

TIDES AT INLAND LOCATIONS OF PAMLICO SOUND WILL RANGE BETWEEN 2 AND 4 FEET ABOVE MEAN WATER LEVELS AS THE STORM PASSED. FOLLOWING THE PASSAGE THE TIDES WILL SLOWLY SUBSIDE AND THE WINDS WILL GRADUALLY DIMINISH.

THIS IS EXPECTED TO BE THE FINAL STATEMENT ISSUED ON DORIA BY THE WIIMINGTON OFFICE OF THE NATIONAL WEATHER SERVICE.

## CAPE HATTERAS, NORTH CAROLINA

STATEMENT 7 AM EDT FRIDAY AUGUST 27, 1971

FOR OCRACOKE ISLAND AND THE OUTER BANKS PORTION OF DARE COUNTY NORTH CAROLINA.

GALE WARNINGS ARE IN EFFECT FROM THE SOUTH CAROLINA/NORTH CAROLINA BORDER NORTHWARD TO CAPE MAY NEW JERSEY INCLUDING PAMLICO SOUND.

GALE FORCE WINDS WILL BEGIN THIS MORNING WITH SEA TIDES 3 TO 5 FEET ABOVE NORMAL ALONG HATTERAS ISLAND AND 5 TO 6 FEET ABOVE NORMAL ALONG OCRACOKE ISLAND AS THE STORM CENTER MOVES INLAND NEAR OR JUST EAST OF WIIMINGTON,NORTH CAROLINA,AROUND NOON TODAY.

SOME FLOODING WILL OCCUR IN LOW AREAS ESPECIALLY ALONG THE HIGHWAY.

SMALL CRAFT SHOULD REMAIN SECURED IN SAFE HARBOR.

HIGH WINDS COULD BECOME HAZARDOUS FOR CAMPERS.

WIND SPEEDS OF 44 MILES PER HOUR IN BRIEF SQUALLS HAVE ALREADY OCCURRED AT CAPE HATTERAS AROUND 5 AM TODAY. THE SQUALLS WILL CONTINUE TO INCREASE IN FREQUENCY AND IN INTENSITY DURING THE FORENOON AND EARLY AFTERNOON.

ANOTHER STATEMENT WILL BE ISSUED AFTER 9 AM.

STATEMENT 9 AM EDT FRIDAY AUGUST 27, 1971

FOR OCRACOKE ISLAND AND THE OUTER BANKS PORTION OF DARE COUNTY,NORTH CAROLINA.

GALE WARNINGS ARE IN EFFECT FROM THE SOUTH CAROLINA/NORTH CAROLINA BORDER NORTHWARD TO CAPE MAY,NEW JERSEY, INCLUDING PAMLICO AND ALBEMARLE SOUNDS.

GALE FORCE WINDS WILL BEGIN IATE THIS MORNING WITH SEA TIDES 3 TO 5 FEET ABOVE NORMAL ALONG HATTERAS ISLAND AND 5 TO 6 FEET ABOVE NORMAL ALONG OCRACOKE ISLAND AS THE STORM CENTER MOVES INLAND NEAR OR JUST EAST OF WILMINGTON,NORTH CAROLINA,AROUND NOON TODAY.

SOME FLOODING WILL OCCUR IN LOW AREAS ESPECIALLY ALONG THE HIGHWAY.

SMALL CRAFT SHOULD REMAIN SECURED IN SAFE HARBOR.

HIGH WINDS WILL BECOME HAZARDOUS FOR CAMPERS.

WIND SPEEDS OF 44 MILES PER HOUR IN BRIEF SQUALLS HAVE ALREADY OCCURRED AT CAPE HATTERAS AROUND 5 AM TODAY AND SOUTHERLY WINDS AT 35 MILES PER HOUR AT OCRACOKE AT 8:45 AM ALSO BODIE ISLAND REPORTED EASTERLY WINDS AT 25 MPH NEAR 7:00 AM. SQUALLS WILL CONTINUE TO INCREASE IN INTENSITY DURING THE FORENOON AND EARLY AFTERNOON.

ANOTHER STATEMENT WILL BE ISSUED AFTER 12:00 NOON.

STATEMENT 11:50 AM EDT FRIDAY AUGUST 27, 1971

FOR OCRACOKE ISLAND AND THE OUTER BANKS PORTION OF DARE COUNTY,NORTH CAROLINA.

STORM WARNINGS ARE IN EFFECT FROM CAPE FEAR TO CAPE HATTERAS. GALE WARNINGS ARE IN EFFECT FROM THE SOUTH CAROLINA/NORTH CAROLINA BORDER NORTHWARD TO ROCKLAND,MAINE. THIS INCLUDES PAMLICO SOUND AND ALBEMARLE SOUND.

AT 10:30 AM EDT TROPICAL STORM DORIA WAS LOCATED SOME 80 MILES SOUTH SOUTHEAST OF WILMINGTON,NORTH CAROLINA. THE STORM IS EXPECTED TO MOVE TOWARDS THE NORTH 20 TO 25 MPH TODAY.

TIDES OF 3 TO 5 FEET ABOVE NORMAL WILL OCCUR FROM WILMINGTON TO CAPE HATTERAS. SINCE THE CENTER OF TROPICAL STORM DORIA WILL CROSS THE COAST NEAR THE TIME OF HIGH TIDE A COMBINED SEA TIDE OF 6 FEET TO 7 FEET WILL OCCUR DURING THE NEXT HOUR. THERE WILL BE SOME FLOODING OF LOW AREAS AND PORTIONS OF THE HIGHWAY ALONG THE OUTER BANKS DURING THE EARLY AFTERNOON.

WIND SPEEDS OF 39 MILES PER HOUR HAVE OCCURRED IN SQUALLS AT CAPE HATTERAS DURING THE PAST HOUR.

A TORNADO WATCH IS IN EFFECT FOR OCRACOKE ISLAND AND FOR THE EXTREME EASTERN PORTION OF DARE COUNTY ON THE OUTER BANKS OF NORTH CAROLINA.

STATEMENT 12:50 PM EDT FRIDAY AUGUST 27, 1971

FOR OCRACOKE ISLAND AND THE OUTER BANKS PORTION OF DARE COUNTY,NORTH CAROLINA.

STORM WARNINGS ARE IN EFFECT FROM CAPE FEAR TO CAPE HATTERAS, GALE WARNINGS ARE IN EFFECT FROM THE SOUTH CAROLINA/NORTH CAROLINA BORDER NORTHWARD TO ROCKLAND MAINE. THIS INCLUDES PAMLICO SOUND AND ALBEMARLE SOUND.

AT NOON EDT TROPICAL STORM DORIA WAS LOCATED SOME 35 MILES SOUTHEAST OF WILMINGTON, NORTH CAROLINA. THIS STORM IS EXPECTED TO MOVE TOWARDS THE NORTH AT 20 TO 25 MPH TODAY.

TIDES OF 3 FEET TO 5 FEET ABOVE NORMAL WILL OCCUR IN THE AREA OF STORM WARNING DISPLAY ON THE NORTH CAROLINA COAST AT TIME OF HIGH TIDE. THERE WILL BE SOME FLOODING OF LOW AREA AND PORTIONS OF THE HIGHWAY ALONG THE OUTER BANKS DURING THE AFTERNOON.

WIND SPEEDS OF 53 MILES PER HOUR HAVE OCCURRED IN SQUALLS AT CAPE HATTERAS DURING THE PAST HOUR.

A TORNADO WATCH IS IN EFFECT FOR OCRACOKE ISLAND AND FOR THE OUTER BANKS PORTION OF DARE COUNTY, NORTH CAROLINA.

STATEMENT 1:50 PM EDT FRIDAY AUGUST 27, 1971

FOR OCRACOKE ISLAND AND THE OUTER BANKS PORTION OF DARE COUNTY, NORTH CAROLINA.

STORM WARNINGS ARE IN EFFECT FROM CAPE FEAR TO CAPE HATTERAS. GALE WARNINGS ARE IN EFFECT FROM THE SOUTH CAROLINA/NORTH CAROLINA BORDER NORTHWARD TO ROCKLAND MAINE. THIS INCLUDES PAMLICO SOUND AND ALBEMARLE SOUND.

AT NOON EDT TROPICAL STORM DORIA WAS LOCATED SOME 35 MILES SOUTHEAST OF WILMINGTON, NORTH CAROLINA. THIS STORM IS EXPECTED TO MOVE TOWARDS THE NORTH AT 20 TO 25 MPH TODAY.

TIDES OF 3 FEET TO 5 FEET ABOVE NORMAL WILL OCCUR IN THE AREA OF STORM WARNING DISPLAY ON THE NORTH CAROLINA COAST AT TIMES OF HIGH TIDE. THERE WILL BE SOME FLOODING OF LOW AREAS AND PORTIONS OF THE HIGHWAY ALONG THE OUTER BANKS DURING THE AFTERNOON.

WIND SPEEDS OF 58 MILES PER HOUR HAVE OCCURRED IN SQUALLS AT CAPE HATTERAS DURING THE PAST HOUR.

A TORNADO WATCH IS IN EFFECT FOR OCRACOKE ISLAND AND FOR THE OUTER BANKS PORTION OF DARE COUNTY, NORTH CAROLINA.

STATEMENT 2:50 PM EDT FRIDAY AUGUST 27, 1971

FOR OCRACOKE ISLAND AND THE OUTER BANKS PORTION OF DARE COUNTY, NORTH CAROLINA.

STORM WARNINGS ARE IN EFFECT FROM CAPE FEAR TO CAPE HATTERAS. GALE WARNINGS ARE IN EFFECT FROM THE SOUTH CAROLINA / NORTH CAROLINA BORDER NORTHWARD TO ROCKLAND MAINE. THIS INCLUDES PAMLICO AND ALBEMARLE SOUNDS.

AT 2:00 PM EDT TROPICAL STORM DORIA WAS LOCATED 30 TO 40 MILES SOUTH OF SWANSBORO, NORTH CAROLINA. THIS STORM IS EXPECTED TO MOVE TOWARDS THE NORTH AT 20 TO 25 MPH TODAY AND SHOULD MOVE INLAND NEAR CAPE LOOKOUT WITHIN THE NEXT TWO HOURS.

TIDES OF 3 FEET TO 5 FEET ABOVE NORMAL WILL OCCUR IN THE AREA OF STORM WARNING DISPLAY ON THE NORTH CAROLINA COAST AT TIMES OF HIGH TIDE. THERE WILL BE SOME FLOODING OF LOW AREA AND PORTIONS OF THE HIGHWAY ALONG THE OUTER BANKS DURING THE AFTERNOON.

WIND SPEEDS OF 50 MILES PER HOUR HAVE OCCURRED IN SQUALLS AT CAPE HATTERAS DURING THE PAST HOUR.

A TORNADO WATCH IS IN EFFECT FOR OCRACOKE ISLAND AND FOR THE OUTER BANKS PORTION OF DARE COUNTY, NORTH CAROLINA.

STATEMENT 3:50 PM EDT FRIDAY AUGUST 27, 1971

FOR OCRACOKE ISLAND AND THE OUTER BANKS PORTION OF DARE COUNTY, NORTH CAROLINA.

STORM WARNINGS ARE IN EFFECT FROM CAPE FEAR TO VIRGINIA BEACH INCLUDING PAMLICO AND ALBEMARLE SOUNDS.

AT 3:30 PM EDT TROPICAL STORM DORIA WAS LOCATED NEAR NEW BERN, NORTH CAROLINA. THIS STORM IS NOW MOVING TO THE NORTH NORTHEAST AT 25 MPH AND IS EXPECTED TO CONTINUE MOVING IN THAT DIRECTION.

TIDES OF 3 FEET TO 5 FEET ABOVE NORMAL WILL OCCUR ON OCRACOKE ISLAND AND THE OUTER BANKS PORTION OF NORTH CAROLINA. THERE WILL BE SOME FLOODING OF LOW AREAS AND PORTIONS OF THE HIGHWAY ALONG THE OUTER BANKS DURING THE AFTERNOON AND EVENING.

WIND SPEEDS OF 61 MILES PER HOUR HAVE OCCURRED IN SQUALLS AT CAPE HATTERAS DURING THE PAST HOUR. SQUALLS HAVE INCREASED IN FREQUENCY AND INTENSITY DURING THE PAST HOUR. BODIE ISLAND REPORTED GUST TO 52 MPH, OCRACOKE REPORTED AN ESTIMATED GUST TO 63 MPH.

A TORNADO WATCH IS IN EFFECT FOR OCRACOKE ISLAND AND FOR THE OUTER BANKS PORTION OF DARE COUNTY, NORTH CAROLINA.

STATEMENT 4:50 PM EDT FRIDAY AUGUST 27, 1971

FOR OCRACOKE ISLAND AND THE OUTER BANKS PORTION OF DARE COUNTY, NORTH CAROLINA.

STORM WARNINGS ARE IN EFFECT FROM CAPE FEAR TO VIRGINIA BEACH INCLUDING PAMLICO AND ALBEMARLE SOUNDS.

AT 3:30 PM EDT TROPICAL STORM DORIA WAS LOCATED NEAR NEW BERN, NORTH CAROLINA. THIS STORM IS NOW MOVING TO THE NORTH NORTHEAST AT 25 MPH AND IS EXPECTED TO CONTINUE TO MOVE IN THAT DIRECTION.

TIDES OF 3 FEET TO 5 FEET ABOVE NORMAL WILL OCCUR ON OCRACOKE ISLAND AND THE OUTER BANKS PORTION OF NORTH DARE COUNTY, NORTH CAROLINA. THERE WILL BE SOME FLOODING OF LOW AREA AND PORTIONS OF THE HIGHWAYS ALONG THE OUTER BANKS DURING THE AFTERNOON AND EVENING.

WIND SPEEDS OF 62 MILES PER HOUR HAVE OCCURRED IN SQUALLS AT CAPE HATTERAS DURING THE PAST HOUR. SQUALLS ARE OCCURRING FREQUENTLY AND APPEAR TO HAVE REACHED MAXIMUM INTENSITY. REPORT FROM OCRACOKE ISLAND, NORTH CAROLINA, AT 4:30 PM EDT OF WIND CHANGE FROM SOUTHEAST AT 35 MPH TO SOUTHEAST 50 MPH WITH PATCH OF BLUE SKY ALMOST CLEAR AND OBLONG IN SHAPE WITH DARK CLOUDS AROUND PATCH OF CLEAR SKY.

STATEMENT 5:50 PM EDT FRIDAY AUGUST 27, 1971

FOR THE OUTER BANKS PORTION OF DARE COUNTY, NORTH CAROLINA.

STORM WARNINGS ARE IN EFFECT FROM CAPE HATTERAS NORTHWARD TO VIRGINIA BEACH INCLUDING PAMLICO AND ALBEMARLE SOUNDS.

AT 5:00 PM EDT TROPICAL STORM DORIA WAS LOCATED ABOUT 80 MILES SOUTH OF NORFOLK, VIRGINIA, AND IS MOVING TO THE NORTH NORTHEAST AT 25 MPH.

TIDES OF 1 FOOT TO 2 FEET ABOVE NORMAL ARE LIKELY IN THE NORTHERN PORTION OF PAMLICO SOUND ESPECIALLY AROUND ROANOKE ISLAND.

WIND SPEEDS OF 62 MILES PER HOUR HAVE OCCURRED IN SQUALLS AT CAPE HATTERAS DURING THE PAST HOUR. SQUALLS ARE SHOWING SIGNS OF DECREASING IN BOTH FREQUENCY AND INTENSITY DURING THE PAST HOUR.

## RALEIGH DURHAM, NORTH CAROLINA

STATEMENT 12:30 PM EDT FRIDAY AUGUST 27, 1971

THIS STATEMENT SUPPLEMENTS THE NOON ADVISORY ISSUED BY THE NATIONAL HURRICANE CENTER, MIAMI.

HURRICANE WATCH IN EFFECT FROM CAPE FEAR TO CAPE LOOKOUT.

STORM WARNINGS IN EFFECT AT NOON TODAY FROM CAPE FEAR TO CAPE HATTERAS.

GALE WARNINGS IN EFFECT ELSEWHERE ON THE NORTH CAROLINA COAST INCLUDING THE SOUNDS AND GALES HAVE BEEN EXTENDED NORTHWARD TO ROCKLAND MAINE.

AT NOON TODAY TROPICAL STORM DORIA WAS ABOUT 35 MILES SOUTHEAST OF WILMINGTON AND MOVING NORTHWARD 20 TO 25 MILES PER HOUR. THIS COURSE WILL BRING THE STORM INLAND AROUND TOPSAIL BEACH BETWEEN 1 AND 2 PM EDT THIS AFTERNOON.

WINDS WILL BE INCREASING AS THE STORM APPROACHES WITH POSSIBLE HURRICANE FORCE WINDS NEAR THE CENTER.

TIDES OF 3 TO 5 FEET ABOVE NORMAL WILL OCCUR FROM EAST OF WILMINGTON TO CAPE HATTERAS. SINCE THE STORM WILL CROSS THE COAST NEAR THE TIME OF HIGH TIDE...THIS WILL RESULT IN COMBINED TIDES OF 6 TO 7 FEET ABOVE MEAN SEA LEVEL.

SQUALLS ARE PRESENTLY REPORTED ALONG THE NORTH CAROLINA COAST.

THERE IS A CHANCE OF AN ISOLATED TORNADO OVER SOUTHEASTERN VIRGINIA AND NORTHEAST NORTH CAROLINA UNTIL 6 PM; HOWEVER NO TORNADOES OR SEVERE THUNDERSTORMS HAVE BEEN REPORTED AT THIS TIME.

STATEMENT 2 PM EDT FRIDAY AUGUST 27, 1971

THIS SUPPLEMENTS THE 1:30 PM EDT BULLETIN FROM NATIONAL HURRICANE CENTER, MIAMI.

AIRCRAFT AND RADAR REPORTS HAVE LOCATED TROPICAL STORM DORIA ABOUT 30 TO 40 MILES SOUTH OF SWANSBORO, NORTH CAROLINA...THIS IS FURTHER EAST THAN PREVIOUSLY LOCATED.

THE STORM IS STILL MOVING NORTHWARD ABOUT 20 MILES AN HOUR AND WILL CROSS THE COAST CLOSER TO THE CAPE LOOKOUT, MOREHEAD CITY, AREA.

HURRICANE WATCH REMAINS IN EFFECT CAPE FEAR TO CAPE LOOKOUT AND STORM WARNINGS IN EFFECT FROM CAPE FEAR TO CAPE HATTERAS.

ADDITIONAL INFORMATION WILL BE IN THE 3 PM MIAMI BULLETIN.

STATEMENT 4 PM EDT FRIDAY AUGUST 27, 1971

THIS STATEMENT SUPPLEMENTS THE SPECIAL ADVISORY FROM THE NATIONAL HURRICANE CENTER, MIAMI.

DORIA CROSSED THE NORTH CAROLINA COAST WEST OF CAPE LOOKOUT NEAR THE MOREHEAD CITY AREA...AT 3:30 PM EDT THE STORM WAS LOCATED NEAR NEW BERN OR ABOUT 20 MILES NORTH OF MOREHEAD CITY...DORIA CONTINUES MOVING NORTH OR SLIGHTLY EAST OF NORTH AT ABOUT 25 MPH... HIGHEST WINDS ARE STILL ABOUT 65 MPH EAST AND NORTHEAST OF THE CENTER WITH LOWER MAXIMUM WINDS IN THE WESTERN SEMICIRCLE.

HURRICANE WATCHES HAVE BEEN DISCONTINUED FOR THE CAROLINA COAST BUT STORM WARNINGS HAVE BEEN EXTENDED NORTHWARD TO INCLUDE THE NORTH CAROLINA COAST FROM CAPE FEAR TO SOUTH OF VIRGINIA INCLUDING ALBEMARLE AND PAMLICO SOUNDS.

DORIA WILL CONTINUE MOVING PARALLEL TO BUT VERY NEAR THE NORTH CAROLINA COAST...THIS WILL MAINTAIN A STRONG EAST TO SOUTHEAST WIND OVER THE OUTER BANKS AREA WITH GALE OR STORM FORCE WINDS OVER THE OUTER BANKS RESULTING IN STORM TIDES 3 TO 5 FEET ABOVE NORMAL AS DORIA APPROACHES.

HEAVY RAINFALL CONTINUES TO POSE A THREAT OF FRESH WATER FLOODING AS WELL WITH RAINFALL AMOUNTS OF OVER 5 INCHES REPORTED AT ATLANTIC BEACH AND OVER 4 INCHES AT NEW BERN SO FAR TODAY. THESE HEAVY RAINS WILL RESULT IN FLOODING OF LOW LYING AREAS OVER MUCH OF THE COASTAL SECTIONS OF THE STATE NORTH AND EAST OF THE STORM.

ATLANTIC BEACH CLOCKED WINDS OF 68 MILES AN HOUR AT 2:40 PM WITH TIDES 3 TO 4 FEET ABOVE NORMAL. WINDS IN EXCESS OF 50 MILES AN HOUR HAVE BEEN REPORTED IN THE PAST HOUR AT CAPE LOOKOUT AND AT CAPE HATTERAS.

REPEATING...DORIA MOVES INLAND AND IS PRESENTLY LOCATED ABOUT 20 MILES NORTH OF MOREHEAD CITY, NORTH CAROLINA.

STORM WARNINGS ARE IN EFFECT FOR THE ENTIRE NORTH CAROLINA COAST INCLUDING ALBEMARLE AND PAMLICO SOUNDS BUT THE HURRICANE WATCH HAS BEEN DISCONTINUED.

THERE IS STILL A POSSIBILITY OF AN ISOLATED TORNADO OVER EXTREME NORTHEASTERN NORTH CAROLINA UNTIL 6 PM EDT.

THE NEXT ADVISORY WILL BE ISSUED BY THE NATIONAL HURRICANE CENTER AT 6 PM EDT WITH A STATEMENT FROM THE RALEIGH WEATHER FORECAST OFFICE SHORTLY THEREAFTER.

STATEMENT 6:15 PM EDT FRIDAY AUGUST 27, 1971

THIS STATEMENT SUPPLEMENTS THE 6 PM EDT ADVISORY FROM THE NATIONAL HURRICANE CENTER, MIAMI.

AT 6 PM EDT DORIA WAS CENTERED ABOUT 30 MILES SOUTH SOUTHWEST OF ELIZABETH CITY NEAR LATITUDE 36.0 NORTH LONGITUDE 76.5 WEST. THE STORM IS EXPECTED TO MOVE BETWEEN NORTH AND NORTH NORTHEAST 25 MPH TONIGHT.

STORM WARNINGS ARE STILL IN EFFECT FROM CAPE HATTERAS NORTHWARD BUT HAVE BEEN DISCONTINUED SOUTH OF CAPE HATTERAS. EVEN SOUTH OF CAPE HATTERAS SMALL CRAFT SHOULD REMAIN IN PORT UNTIL SEAS AND TIDES SUBSIDE. THE TORNADO WATCH FOR NORTHEASTERN NORTH CAROLINA HAS ALSO BEEN DISCONTINUED.

RADAR REPORTS FROM HATTERAS INDICATE DORIA MAY BE TURNING TOWARDS THE NORTH NORTHEAST AND THE CENTER COULD EMERGE BACK OVER THE OPEN WATER EAST OF NORFOLK, VIRGINIA, THIS EVENING. IF THIS OCCURS THE STORM WOULD STRENGTHEN RAPIDLY.

GALE FORCE WINDS UP TO 60 MPH ARE OCCURRING OFFSHORE EAST OF THE CENTER. THE LOWEST PRESSURE RECORDED ON THE NORTH CAROLINA COAST WAS 990 MILLIBARS OR 29.22 INCHES AT CAPE LOOKOUT.

HEAVY RAIN WITH TIDES 1 TO ABOUT 3 FEET ABOVE NORMAL IS EXPECTED OVER THE EXTREME NORTHEAST PORTION OF NORTH CAROLINA UNTIL THE CENTER MOVES ON TO THE NORTH DURING THIS EVENING. SOME FLOODING OF LOW LYING AREAS MAY STILL OCCUR IN THIS AREA.

THERE WILL BE ANOTHER BULLETIN CONCERNING DORIA ISSUED BY THE WASHINGTON FORECAST OFFICE AT 8 PM EDT THIS EVENING WITH A STATEMENT FROM THE RALEIGH DURHAM OFFICE SHORTLY THEREAFTER.

STATEMENT 8:15 PM EDT FRIDAY AUGUST 27, 1971

THIS STATEMENT SUPPLEMENTS THE 8 PM EDT BULLETIN FROM THE NATIONAL WEATHER SERVICE FORECAST OFFICE, WASHINGTON DC.

AT 8 PM EDT DORIA WAS MOVING INTO THE VIRGINIA CAPES AREA AND WAS CENTERED NEAR LATITUDE 36.6 NORTH AND LONGITUDE 76.1 WEST. IT IS MOVING NORTH NORTHEAST AT 25 MPH. THE STORM SHOULD MAINTAIN OR INCREASE ITS INTENSITY SLIGHTLY AND GRADUALLY TURN MORE TOWARD THE NORTHEAST SATURDAY.

STORM WARNINGS ARE STILL IN EFFECT FROM CAPE HATTERAS NORTHWARD BUT MAY BE DISCONTINUED ALONG THE NORTH CAROLINA COAST LATER TONIGHT.

THE STORM IS FORECAST TO MOVE NEAR THE COAST WITH THE CENTER EXPECTED NEAR OCEAN CITY AROUND MIDNIGHT AND OFFSHORE AROUND THE NEW YORK CITY AREA EARLY SATURDAY MORNING.

ALTHOUGH ELIZABETH CITY RECEIVED A LITTLE OVER 3 INCHES OF RAIN DURING THE LAST 6 HOURS THE HEAVY RAIN HAS ABOUT ENDED IN THE NORTHEAST CORNER OF NORTH CAROLINA. SEAS AND TIDES WILL BE SLOWLY SUBSIDING ALONG THE NORTH CAROLINA COAST DURING THE REMAINDER OF TONIGHT.

THIS WILL BE THE LAST STATEMENT ON DORIA ISSUED FROM THE NATIONAL WEATHER SERVICE FORECAST OFFICE, RALEIGH/DURHAM, NORTH CAROLINA.

## NORFOLK, VIRGINIA

STATEMENT 6:30 AM EDT FRIDAY AUGUST 27, 1971

AT 6 AM TROPICAL STORM DORIA WAS LOCATED NEAR LATITUDE 32.6 NORTH AND LONGITUDE 77.2 WEST OR ABOUT 300 MILES SOUTH SOUTHWEST OF THE NORFOLK AREA. HIGHEST WINDS NEAR THE CENTER ARE 65 MPH..AND MOVEMENT IS TOWARD THE NORTH AT ABOUT 20 MPH.

GALE WARNINGS HAVE BEEN HOISTED NORTHWARD TO THE CAPE MAY AREA FOR INCREASING EASTERLY WINDS...WHICH ARE EXPECTED TO REACH 30 TO 40 MPH IN SOUTHEAST VIRGINIA LATER THIS AFTERNOON.

THE CENTER OF THE STORM IS EXPECTED TO REACH THE WILMINGTON AREA AROUND NOON TODAY...WITH NEAR HURRICANE FORCE WINDS. AS THE STORM CONTINUES NORTHWARD...MOSTLY OVER LAND...IT SHOULD LOSE MUCH OF ITS INTENSITY...AND THE RESULT IN THE SOUTHEAST VIRGINIA AREA SHOULD BE MOSTLY RAIN AND POSSIBLY GALE FORCE WINDS.

TIDES ARE EXPECTED TO RANGE 2 TO 3 FEET ABOVE NORMAL IN THE HAMPTON ROADS AREA...LOWER CHESAPEAKE BAY AND ALONG THE EASTERN SHORE THIS AFTERNOON AND TONIGHT. SINCE THE GREATEST DEPARTURE WILL OCCUR DURING THE TIME OF LOW WATER...THIS WILL CAUSE ONLY MINOR FLOODING OF LOW LYING AREAS SUBJECT TO TIDAL FLOODING.

INTEREST SHOULD REMAIN ALERT FOR LATEST ADVISORIES...BULLETINS...AND LOCAL STATEMENTS ON THIS STORM.

STAY TUNED TO YOUR RADIO OR TELEVISION.

OTHER STATEMENTS WILL BE ISSUED AS NECESSARY.

SMITH

STATEMENT 9 AM EDT FRIDAY AUGUST 27, 1971

FOR EXTREME NORTHEAST NORTH CAROLINA AND SOUTHEAST VIRGINIA.

AT 9 AM DORIA WAS LOCATED NEAR LATITUDE 32.8 NORTH AND LONGITUDE 77.3 WEST...OR STILL ABOUT 300 MILES SOUTH SOUTHWEST OF THE NORFOLK AREA. HIGHEST WINDS ARE REPORTED TO BE 65 MPH NEAR THE CENTER. THE MOVEMENT HAS SLOWED DURING THE PAST FEW HOURS...BUT IS EXPECTED TO RESUME NORTHWARD ABOUT 20 MPH TODAY.

GALE WARNINGS ARE IN EFFECT FOR THE COASTLINE OF NORTH CAROLINA AND VIRGINIA...NORTHWARD TO CAPE MAY...INCLUDING THE SOUNDS AND CHESAPEAKE BAY. SMALL CRAFT SHOULD EXERCISE CAUTION DUE TO INCREASING WINDS AND ROUGH SEAS.

THE CENTER OF THIS STORM IS EXPECTED TO HIT LAND JUST EAST OF THE WILMINGTON, NORTH CAROLINA, AREA AROUND NOON...WITH NEAR HURRICANE FORCE WINDS...AND WELL ABOVE NORMAL TIDES.

IN EXTREME NORTHEAST NORTH CAROLINA...INCREASING WINDS WILL REACH GALE FORCE DURING THE AFTERNOON...WHILE HERE IN SOUTHEAST VIRGINIA...THE WINDS ARE NOT EXPECTED TO EXCEED ABOUT 30 TO 40 MPH EXCEPT POSSIBLY HIGHER GUSTS.

TIDES IN EXTREME NORTHEAST NORTH CAROLINA...THE HAMPTON ROADS AREA...LOWER CHESAPEAKE BAY AREA...AND ALONG EASTERN SHORE SHOULD RANGE 2 TO 3 FEET ABOVE NORMAL AS THE CENTER OF THE STORM APPROACHES THE AREA LATER TODAY...AND EARLY TONIGHT. HOWEVER, SINCE THE HIGHEST TIDAL DEPARTURE IS EXPECTED TO OCCUR DURING THE TIME OF LOW WATER...THIS SHOULD CAUSE ONLY MINOR FLOODING OF LOW LYING AREAS SUBJECT TO TIDAL FLOODING. THE LOCALLY HEAVY RAINS MAY CAUSE SOME MINOR FLOODING OF AREAS SUBJECT TO POOR DRAINAGE.

INTERESTS SHOULD STAY ALERT FOR LATEST ADVISORIES...BULLETINS AND LOCAL STATEMENTS ON THIS STORM.

STATEMENT 11 PM EDT FRIDAY AUGUST 27, 1971

TO SUPPLEMENT THE 10:30 EDT NATIONAL HURRICANE CENTER ADVISORY NUMBER 6.

FOR EXTREME NORTHEAST NORTH CAROLINA AND COASTAL VIRGINIA...THE RAINFALL ASSOCIATED WITH TROPICAL STORM DORIA IS OCCURRING WELL IN ADVANCE OF THE STORM. A FLASH FLOOD WATCH IS IN EFFECT FOR EASTERN AND CENTRAL VIRGINIA IN THOSE AREAS THAT ARE SUBJECT TO RAPIDLY RISING STREAMS. THE HAMPTON ROADS AREA WILL NOT BE AFFECTED EXCEPT IN POOR DRAINAGE AREAS.

THE CENTER OF THE STORM IS EXPECTED IN SOUTHEAST VIRGINIA EARLY TONIGHT. TIDES IN EXTREME NORTHEAST NORTH CAROLINA AND COASTAL VIRGINIA WILL BE 2 TO 3 FEET ABOVE NORMAL AND THIS MAY CAUSE SOME MINOR FLOODING.

SMITH

STATEMENT 4 PM EDT FRIDAY AUGUST 27, 1971

SUPPLEMENT TO THE 3:30 PM EDT NATIONAL HURRICANE CENTER ADVISORY NUMBER 8.

STORM WARNINGS HOISTED CAPE HATTERAS TO VIRGINIA BEACH. THE DIRECTION OF DORIA HAS TURNED TOWARD THE NORTH NORTHEAST AND ITS PRESENT INDICATED PATH WILL PARALLEL THE COAST A SHORT DISTANCE INLAND. THIS CURRENT PATH IS EXPECTED TO PUT THE CENTER NEAR NORFOLK THIS EVENING.

TIDES IN NORTHEAST NORTH CAROLINA AND EXTREME SOUTHEAST VIRGINIA WILL RANGE UP TO ABOUT 3 FEET ABOVE NORMAL AND CAUSE MINOR FLOODING. HEAVY SURF MAY CAUSE SOME BEACH EROSION.

STATEMENT 5:30 PM EDT FRIDAY AUGUST 27, 1971

SUPPLEMENT TO THE 5 PM EDT NATIONAL HURRICANE CENTER ADVISORY NO 9.

FOR EXTREME NORTHEAST NORTH CAROLINA...AND COASTAL VIRGINIA.

DORIA HEADS TOWARD THE NORFOLK AREA...THEN OUT TO SEA TOWARD NORTH NORTHEAST.

THE PRESENT PATH OF TROPICAL STORM DORIA WILL CARRY THE CENTER OFFSHORE JUST EAST OF THE NORFOLK AREA...ABOUT 9 PM THIS EVENING. IT IS EXPECTED TO CONTINUE NORTH NORTHEAST ALONG THE COAST DURING THE NIGHT.

INCREASING EASTERLY WINDS WILL REACH 30 TO 50 MPH OR POSSIBLY HIGHER IN GUSTS DURING THE NEXT FEW HOURS...WITH PERIODS OF HEAVY RAINFALL. AS THE CENTER MOVES AWAY FROM OUR AREA...GRADUALLY DIMINISHING WINDS CAN BE EXPECTED.

TIDES WILL RANGE ABOUT 3 FEET ABOVE NORMAL OVER THE EXTREME NORTHEAST NORTH CAROLINA AREA...AND IN THE HAMPTON ROADS AREA. BUT SINCE THE GREATEST DEPARTURE WILL OCCUR DURING THE PERIOD OF LOW WATER...LITTLE OR NO FLOODING IS EXPECTED.

EASTERN SHORE TIDES WILL RANGE SLIGHTLY HIGHER...3 TO 5 FEET ABOVE NORMAL...AND CLOSER TO THE NEXT HIGH TIDE TIME. THIS WILL CAUSE SOME FLOODING OF LOW LYING AREAS SUBJECT TO TIDAL FLOODING.

ALL INTERESTS SHOULD STAY TUNED TO RADIO OR TELEVISION FOR LATEST ADVISORIES BULLETINS AND LOCAL STATEMENTS.

STATEMENT 7 PM EDT FRIDAY AUGUST 27, 1971

DORIA CONTINUES TOWARD NORFOLK.

AT 7 PM...TROPICAL STORM DORIA WAS LOCATED ABOUT 35 TO 40 MILES SOUTH OF NORFOLK...AS INDICATED BY THE LOCAL RADARSCOPE. MOVEMENT IS TOWARD THE NORTH NORTHEAST ABOUT 25 MPH.

THIS SHOULD BRING THE CENTER OF DORIA ACROSS VIRGINIA BEACH...AND INTO THE OCEAN NEAR CAPE HENRY...IN ABOUT ONE AND A HALF OR TWO HOURS.

LOCALLY HEAVY RAINS AND WIND GUSTS OF 59 MPH HAVE BEEN REPORTED AT ELIZABETH CITY, NORTH CAROLINA...AND 36 MPH AT NORFOLK. THE TIDES HAVE RANGED ABOUT 2 FEET ABOVE NORMAL IN EXTREME NORTHEAST NORTH CAROLINA...AND ABOUT 1 FOOT ABOVE NORMAL HERE IN THE NORFOLK AREA.

AS THE WINDS INCREASE...TIDAL DEPARTURES WILL INCREASE TO ABOUT 3 FEET ABOVE THE NORMAL IN THE HAMPTON ROADS AND LOWER CHESAPEAKE BAY AREA...BUT SINCE THIS WILL OCCUR AT THE TIME OF LOW WATER...NO SIGNIFICANT FLOODING IS EXPECTED IN SOUTHEAST VIRGINIA.

THE PATH OF THE STORM IS EXPECTED TO MOVE NORTH NORTHEASTWARD PARALLEL TO THE COAST. THIS WILL CAUSE TIDES OF 3 TO 5 FEET ABOVE NORMAL IN SECTIONS OF THE COASTAL PORTIONS OF THE EASTERN SHORES...AND SOME FLOODING IS EXPECTED.

STAY TUNED TO THE RADIO OR TELEVISION FOR LATEST INFORMATION ON TROPICAL STORM DORIA.

SMITH

STATEMENT 9 PM EDT FRIDAY AUGUST 27, 1971

DORIA PASSES OVER NORFOLK.

TROPICAL STORM DORIA HAS PASSED OVER THE NORFOLK AREA AND CONTINUES NORTHWARD. THE CENTER APPARENTLY PASSED EAST OF THE NORFOLK AIRPORT OVER VIRGINIA BEACH BETWEEN 8:30 AND 9:00 PM.

LOWEST PRESSURE RECORDED AT THE NORFOLK REGIONAL AIRPORT WAS 29.34 INCHES AT 8:51 PM EDT. HIGHEST WINDS REPORTED IN THE AREA INCLUDED A 65 MPH GUST AT THE CHESAPEAKE BAY BRIDGE TUNNEL...66 MPH AT THE NORFOLK AIR STATION AND 48 MPH AT NORFOLK. NORFOLK AIRPORT REPORTED 2.14 INCHES OF RAIN FOR THE 6 HOUR PERIOD ENDING AT 8 PM EDT.

TIDES IN SOUTHEAST VIRGINIA HAVE BEEN RANGING ABOUT 1 TO 3 FEET ABOVE NORMAL WITH NO SIGNIFICANT FLOODING REPORTED.

## RICHMOND, VIRGINIA

FLASH FLOOD WATCH BULLETIN 10:30 AM EDT FRIDAY AUGUST 27, 1971

THE NATIONAL WEATHER SERVICE HAS ISSUED A FLASH FLOOD WATCH FOR THE PORTIONS OF THE JAMES YORK AND APPOMATTOX RIVER DRAINAGE BASINS EAST OF THE BLUE RIDGE. THE AREA EXTENDS FROM ALBEMARLE NELSON AND AMHERST COUNTIES EASTWARD THROUGH THE TIDEWATER COUNTIES THAT LIE IN THESE DRAINAGE BASINS. THE WATCH IS FOR THIS AFTERNOON EXTENDING THROUGH TONIGHT.

A FLASH FLOOD WATCH INDICATES THE THREAT OF HEAVY RAINS WHICH COULD RESULT IN FLASH FLOODING OF SMALL STREAMS AND INUNDATION OF LOW LYING AREAS.

HEAVY RAINS OF SEVERAL INCHES OR MORE MAY OCCUR IN THIS AREA TODAY AND TONIGHT UNDER THE INFLUENCE OF TROPICAL STORM DORIA.

SCATTERED REPORTS OVER THE RIVER BASIN THIS MORNING GENERALLY REFLECTED LIGHT RAINFALL SO FAR EXCEPT 1.93 INCHES REPORTED AT STATE FARM AND 2.24 INCHES AT AMELIA.

ALL INTERESTS IN THE WATCH AREA SUBJECT TO FLASH FLOODING SHOULD BE ALERT TO THE THREAT OF FLOODING AND TAKE PROTECTIVE ACTION.

ADDITIONAL STATEMENTS WILL BE ISSUED AS REQUIRED.

FLASH FLOOD WATCH BULLETIN 10 PM EDT FRIDAY AUGUST 27, 1971

THE FLASH FLOOD WATCH ISSUED FOR THE JAMES...YORK...AND APPOMATTOX RIVER DRAINAGE BASINS HAS BEEN CANCELLED. THE TROPICAL STORM...DORIA...HAS MOVED OFF THE VIRGINIA CAPES AND THE THREAT OF HEAVY RAINS IN THIS DRAINAGE AREA HAS ENDED.

JAMES RIVER FORECAST BULLETIN 10:30 PM EDT FRIDAY AUGUST 27, 1971

NO FLOODING EXPECTED.

RAINFALL OVER THE JAMES RIVER DRAINAGE AREA IN THE PAST 24 HOURS YIELDED SOME SPOTTY HEAVY AMOUNTS IN THE LOWER BASIN EXCEEDING THREE INCHES BUT FOR THE MOST PART WERE UNDER TWO INCHES OVER MOST OF THE BASIN WITH VERY LITTLE REPORTED IN THE UPPER BASIN ABOVE LYNCHBURG.

ONLY VERY MINOR RISES ARE IN PROSPECT IN THE UPPER BASIN BUT MODERATE RISES ARE EXPECTED IN THE LOWER BASIN SATURDAY.

AT CARTERSVILLE GAUGING STATION CREST OF 6 TO 7 FEET IS FORECAST ABOUT 8 AM SATURDAY MORNING FOLLOWED BY CREST ABOUT 8 FEET AT RICHMOND'S WESTHAM GAUGE AROUND 8 PM SATURDAY EVENING, WHICH IS WELL BELOW THE 12 FOOT FLOOD STAGE AT WESTHAM. THE WESTHAM STAGE WAS 5.41 FEET AT 8 PM TODAY.

## WASHINGTON, D. C.

RIVER STATEMENT 10 AM EDT FRIDAY AUGUST 27, 1971

THE NATIONAL WEATHER SERVICE HAS ISSUED A FLASH FLOOD WATCH FOR THE ENTIRE RAPPAHANNOCK RIVER BASIN AND THE SHENANDOAH DRAINAGE IN VIRGINIA ALSO THE SMALL STREAMS IN THE POTOMAC BASIN EAST OF THE BLUE RIDGE MOUNTAINS IN VIRGINIA AND MARYLAND AND FOR THE SMALL DRAINAGES OF THE CHESAPEAKE BAY AREA IN MARYLAND AND DELAWARE.

MUCH OF THIS AREA HAS ALREADY RECEIVED FROM 1 TO 2 INCHES OF RAIN AND WITH ADDITIONAL HEAVY PRECIPITATION PREDICTED FOR THIS AFTERNOON AND TONIGHT IN ASSOCIATION WITH TROPICAL STORM DORIA THE POTENTIAL FOR FLASH FLOODING IS VERY HIGH.

THIS WATCH IS FOR THE PERIOD BEGINNING THIS AFTERNOON AND EXTENDING INTO TONIGHT AS THE STORM MOVES NORTHWARD.

THE NATIONAL WEATHER SERVICE WILL ISSUE ADDITIONAL RIVER STATEMENTS AND BULLETINS AS REQUIRED.

HARRISON

RIVER BULLETIN 12:45 PM EDT FRIDAY AUGUST 27, 1971

THE NATIONAL WEATHER SERVICE HAS ISSUED FLASH FLOOD WARNINGS FOR ALL SMALL STREAMS AND LOW LYING AREAS FOR NORTHERN VIRGINIA NORTH OF FREDERICKSBURG AND EAST OF THE BLUE RIDGE MOUNTAINS AND ALL OF MARYLAND EAST OF HAGERSTOWN. THIS INCLUDES LOCAL CHESAPEAKE BAY DRAINAGES IN MARYLAND AND DELAWARE.

MUCH OF THIS AREA HAS ALREADY RECEIVED ABOUT 2 INCHES OF PRECIPITATION, WITH AMOUNTS OF OVER 5 INCHES REPORTED ON THE EASTERN SHORE OF MARYLAND. THERE ARE REPORTS PRESENTLY OF HEAVY SHOWER ACTIVITY OCCURRING THROUGHOUT THE AREA WITH THESE SHOWERS EXPECTED TO CONTINUE INTO TONIGHT AS TROPICAL STORM DORIA MOVES INTO THE AREA.

FURTHER BULLETINS WILL BE ISSUED BY THE NATIONAL WEATHER SERVICE AS REQUIRED.

HARRISON

RIVER BULLETIN 4 PM EDT FRIDAY AUGUST 27, 1971

THE NATIONAL WEATHER SERVICE HAS ISSUED SEVERE FLASH FLOOD WARNINGS FOR THE FOLLOWING COUNTIES IN VIRGINIA: FAIRFAX, ARLINGTON, PRINCE WILLIAM, LOUDOUN, FAUQUIER AND RAPPAHANNOCK...IN MARYLAND: PRINCE GEORGES, MONTGOMERY, ANNE ARUNDEL, HOWARD, CARROLL, HARFORD AND CECIL COUNTIES...ALSO THE DISTRICT OF COLUMBIA.

MUCH OF THIS AREA HAS ALREADY RECEIVED 4 INCHES OR MORE OF RAIN AND SHOWERS ARE PREDICTED TO CONTINUE INTO TONIGHT.

THE RAINS HAVE BEEN QUITE GENERAL OVER MOST OF THE AREA MENTIONED. THE MOST RECENT OCCURRENCE OF WIDESPREAD HEAVY RAINS OF THESE AMOUNTS WAS THE STORM OF SEPT 1966 WHEN MANY LOCAL STREAMS HAD RECORD STAGES.

HARRISON

## BALTIMORE, MARYLAND

FLASH FLOOD WARNING STATEMENT 1:15 PM EDT FRIDAY AUGUST 27, 1971

A FLASH FLOOD WARNING IS IN EFFECT FOR ALL OF MARYLAND EAST OF HAGERSTOWN THIS AFTERNOON AND TONIGHT.

SOME PRECIPITATION AMOUNTS RECEIVED THROUGH NOON AT THIS OFFICE...

CAMBRIDGE 5.58 SINCE LAST NIGHT 4.68 INCHES OF WHICH WAS RECORDED UP TO 7 AM.

MILFORD DELAWARE 1.31 INCHES.

LEONARDTOWN 1.00 INCHES

SALISBURY 1.10 INCHES

FRIENDSHIP AIRPORT 2.25 INCHES

THE FLASH FLOOD WARNING INCLUDES SMALL STREAMS IN THE CHESAPEAKE BAY AREA AS WELL AS URBAN FLOODING IN POOR DRAINAGE AREAS. FOLLOW UP STATEMENT WILL BE ISSUED AS REQUIRED.

DAVIS

FLASH FLOOD WARNING STATEMENT 4:15 PM EDT FRIDAY AUGUST 27, 1971

THE SEVERE FLASH FLOOD WARNING FOR CENTRAL MARYLAND INCLUDES BALTIMORE COUNTY AND BALTIMORE CITY. STREAM FLOODING IS EXPECTED IN THE CHESAPEAKE BAY DRAINAGE AREA. URBAN FLOODING IS INDICATED WITH POSSIBLE ROAD CLOSINGS EXPECTED.

SOME ADDITIONAL PRECIPITATION AMOUNTS FOLLOW  
BLACKWATER REFUGE DORCHESTER COUNTY 4.80 AT 3 PM  
COLLEGE PARK 2.72 AT 3 PM  
TRAPPE TALBOT COUNTY 7 INCHES AT 3 PM  
PARKVILLE 3.85 AT 4 PM  
FRIENDSHIP AIRPORT 3.67 AT 4 PM

TRAFFIC AND TRANSIT DEPARTMENT OF BALTIMORE CITY REPORTS NUMEROUS STREET FLOODING THROUGH THE CITY THIS AFTERNOON.

FOLLOW UP STATEMENT WILL BE ISSUED AS NEEDED.

DAVIS

STATEMENT 5 PM EDT FRIDAY AUGUST 27, 1971

TROPICAL STORM DORIA WAS LOCATED AT 5 PM EDT 20 TO 30 MILES WEST OF HATTERAS OR ABOUT 80 MILES SOUTH OF NORFOLK. MOVEMENT WAS ESTIMATED BETWEEN NORTH AND NORTH NORTHEAST AT 25 MPH. THIS MOVEMENT WOULD BRING THE STORM ACROSS THE LOWER BAY AND VIRGINIA EASTERN SHORE THIS EVENING AND ACROSS MARYLAND LOWER EASTERN SHORE AND DELAWARE BETWEEN MIDNIGHT AND 8 AM EDT.

HEAVY SHOWERS HAVE GIVEN PRECIPITATION OF 3 TO 4 INCHES OVER THE BAY AND WEST OF THE BAY IN MARYLAND. THERE HAVE BEEN NUMEROUS REPORTS OF LOCAL FLOODING. A FLASH FLOOD WARNING IS IN EFFECT. STORM WARNINGS ARE IN EFFECT OVER THE CHESAPEAKE AND DELAWARE BAYS AND ALSO THE COAST FROM HATTERAS NORTHWARD TO CAPE COD.

STATEMENT 9 PM EDT FRIDAY AUGUST 27, 1971

SUPPLEMENT TO THE 8 PM BULLETIN FROM WASHINGTON D.C.

HIGH TIDES OF 3 TO 5 FEET ABOVE NORMAL ARE EXPECTED ALONG THE MARYLAND DELAWARE COAST...AND TIDES 2 TO 4 FEET ABOVE NORMAL IN THE CHESAPEAKE BAY.

FROM PRESENT INDICATIONS...DORIA...NOW NEAR NORFOLK...WILL PASS ALONG AND JUST OFF THE MARYLAND COAST...FROM WALLOPS TO THE DELAWARE BREAKWATER...BETWEEN MIDNIGHT AND ABOUT 5 AM...WITH NORMAL HIGH WATER EXPECTED AT 12:15 MIDNIGHT. SOME FLOODING IS INDICATED. RAINS HAVE STARTED AT SALISBURY AND OCEAN CITY AND WILL NOW SPREAD NORTHWARD WITH THE ADVANCE OF THE STORM. GUSTS TO 50 KNOTS HAVE BEEN OBSERVED WITH THE STORM. REGENERATION OF THE STORM IS EXPECTED AS IT AGAIN MOVES OVER WATER.

REYNOLDS

STATEMENT 10:30 PM EDT FRIDAY AUGUST 27, 1971

SPECIAL WEATHER STATEMENT TO SUPPLEMENT THE 10 PM BULLETIN FROM WASHINGTON D.C.

STORM WARNINGS ON THE CHESAPEAKE BAY REDUCED TO SMALL CRAFT WARNINGS AS OF MIDNIGHT...STORM WARNINGS ON THE ATLANTIC COAST SOUTH OF CHINCOTEAGUE WILL BE LOWERED AT MIDNIGHT.

HIGH TIDES ON THE CHESAPEAKE EXPECTED TO BE 2 TO 3 FEET ABOVE NORMAL...TIDES ON THE ATLANTIC COAST 3 TO 5 FEET OVER NORMAL.

AT 10 PM TROPICAL STORM DORIA NEAR CAPE CHARLES VIRGINIA AND MOVEMENT INDICATED TO BE SPEEDING TO NEAR 30 MPH IN THE NEXT FEW HOURS. THE INCREASED SPEED WILL BRING DORIA TO PASS WALLOPS BEFORE MIDNIGHT OFF OCEAN CITY ABOUT 2 AM AND OFF THE DELAWARE BREAKWATER BY 4 AM.

HEAVY SHOWERS AND RAINS ARE PROGRESSING AHEAD OF THE STORM...BUT WITH THE MORE RAPID MOVEMENT THE THREAT OF STREAM FLOODING FROM RAINS AND TIDAL FLOODING WILL NOT BE SEVERE.

HIGHEST WINDS REPORTED...65 MPH AT THE CHESAPEAKE BAY BRIDGE TUNNEL.

REYNOLDS

STATEMENT 11:30 PM EDT FRIDAY AUGUST 27, 1971

AT 11:30 PM...STORM WARNINGS CONTINUE IN EFFECT FROM WALLOPS ISLAND NORTHWARD ON THE ATLANTIC COAST OF MARYLAND AND DELAWARE.

DORIA IS LOCATED ABOUT 20 MILES SOUTH OF WALLOPS...AND WILL PASS EAST OF OCEAN CITY BETWEEN 1 AND 2 AM...AND THE DELAWARE BREAKWATER BETWEEN 3 AND 4.

WINDS OF 40 TO 55 KNOTS AND TIDES OF 3 TO 5 FEET ABOVE NORMAL ARE EXPECTED UP TO 11 PM.

WINDS ABOUT 40 KNOTS ARE REPORTED AT WALLOPS...SALISBURY...AND AT CAPE HENOPEN. TIDES ARE REPORTED 2 TO 3 FEET ABOVE NORMAL. HIGH TIDE AT OCEAN CITY...NORMAL HIGH TIDE...IS AT 12:15 AM.

REYNOLDS

STATEMENT 1 AM EDT SATURDAY AUGUST 28, 1971

AT 1 AM...STORM WARNINGS CONTINUE IN EFFECT FROM WALLOPS ISLAND NORTHWARD ON THE ATLANTIC COAST OF MARYLAND AND DELAWARE. SMALL CRAFT WARNINGS ARE IN EFFECT ON THE CHESAPEAKE BAY.

DORIA IS NEAR WALLOPS ISLAND AND IS MOVING NORTH NORTHEAST AT NEAR 30 MPH...IT IS EXPECTED TO PASS JUST EAST OF OCEAN CITY AT ABOUT 2 O'CLOCK AND TO THE EAST OF THE DELAWARE BREAKWATER AT 4 AM. WINDS TO 60 KNOTS AND TIDES OF 3 TO 5 FEET ARE EXPECTED WITH SOME TIDAL FLOODING.

UP TO 12 MIDNIGHT...

WINDS OF ABOUT 40 TO 50 KNOTS AND GUSTS TO 60 KNOTS HAVE BEEN REPORTED AT WALLOPS...GUSTS TO 40 KNOTS AT SALISBURY...AND GUSTS TO 55 KNOTS AT OCEAN CITY AND CAPE HENOPEN. TIDES ARE REPORTED 2 TO 3 FEET OVER NORMAL AND RISING.

NORMAL HIGH TIDE IN THE OCEAN CITY AREA WAS 12:15 AM.

REYNOLDS

STATEMENT 2 AM EDT SATURDAY AUGUST 28, 1971

AT 2 AM...INDICATIONS ARE THAT DORIA LIES NEAR THE MARYLAND-DELAWARE LINE BETWEEN OCEAN CITY AND SALISBURY. MOVEMENT IS ALMOST DUE NORTH AT 25 TO 30 KNOTS. THIS WILL MOVE THE STORM NEAR THE DELAWARE BREAKWATER BETWEEN 3 AND 4 O'CLOCK.

WINDS TO 60 KNOTS AND TIDES TO 4 FEET ABOVE NORMAL HAVE BEEN REPORTED AND SOME TIDAL FLOODING CAN BE EXPECTED.

WINDS REPORTED TO 2 AM.

AT OCEAN CITY...GUSTS TO 55 KNOTS AND TIDES ESTIMATED 4 FEET ABOVE NORMAL.

AT SALISBURY...CALM AT 1 AM...THEN WIND SHIFTED TO WEST NORTHWEST WITH PRESSURE STARTING TO RISE.

AT DOVER...WINDS NORTHEAST WITH GUSTS TO 40 KNOTS AND PRESSURE FALLING RAPIDLY.

THE CENTER WILL MOVE TO THE DELAWARE COAST IN THE NEXT FEW HOURS WIND AND SEAS IN THE MARYLAND COAST WILL SLOWLY SUBSIDE.

REYNOLDS

STATEMENT 3 AM EDT SATURDAY AUGUST 28, 1971

AT 3 AM...INDICATIONS ARE THAT DORIA LIES NEAR LEWES,DELAWARE...HAVING PASSED JUST EAST OF GEORGETOWN AND TO THE WEST OF REHOBOTH BEACH. MOVEMENT IS TO THE NORTH NORTHEAST AT 25 TO 30 KNOTS. THE STORM WILL CROSS OR PASS NEAR LEWES IN THE NEXT HOUR.

STORM WARNINGS ARE IN EFFECT ON THE MARYLAND AND DELAWARE COASTS. SMALL CRAFT WARNINGS ARE IN EFFECT ON THE CHESAPEAKE BAY. WINDS TO 60 KNOTS AND TIDES 4 TO 5 FEET ABOVE NORMAL HAVE BEEN REPORTED AND ALSO SOME TIDAL FLOODING.

AT 2:30 AM...LEWES,DELAWARE, HAS REPORTED WINDS TO 58 KNOTS AND GUSTS TO 68 KNOTS WITH TIDE ESTIMATED 5.4 FEET ABOVE NORMAL.

REPEATING...THE CENTER OF THE STORM SHOULD CROSS OR PASS NEAR LEWES AND THE DELAWARE BREAKWATER IN THE NEXT HOUR.

WINDS AND SEAS TO THE SOUTH SHOULD NOW DIMINISH SLOWLY.

REYNOLDS

STATEMENT 9 AM EDT SATURDAY AUGUST 28, 1971

TROPICAL STORM DORIA HAS MOVED ON UP THE COAST TO JUST NORTH OF NEW YORK CITY.

DORIA PASSED NEAR NORFOLK AT 8 PM FRIDAY AND PAST CAPE MAY NEW JERSEY AT 3 AM THIS MORNING. THE STORM PASSED THROUGH MARYLAND WEST OF OCEAN CITY ACROSS SOUTHERN DELAWARE AND OVER THE DELAWARE BAY.

AT 2 AM THIS MORNING OCEAN CITY, MARYLAND, REPORTED WIND GUSTS TO 55 KNOTS AND TIDES 4 FEET ABOVE NORMAL. AT 2:30 AM LEWES, DELAWARE, HAD WINDS AT 58 KNOTS WITH GUSTS TO 68 KNOTS AND TIDES 4 TO 5 FEET ABOVE NORMAL.

SOME PRECIPITATION TOTALS FROM THE STORM FOLLOW:

PIKESVILLE	5.37
WATERLOO	4.40
WESTMINISTER	2.37
FREDERICK	1.46
HAGERSTOWN	0.73
CUMBERLAND	0.05
BEL AIR	5.13
OAKLAND	1.08
NORTHEAST	6.50
CONOWINGO	5.78
EASTON	4.50
SALISBURY	3.55
LEONARDTOWN	5.59
FRIENDSHIP	4.39

TOTAL PRECIPITATION IN CENTRAL MARYLAND WAS AIDED BY FRONTAL ACTIVITY THURSDAY NIGHT AND EARLY FRIDAY. THE TOTALS ARE FOR THE PERIOD BEGINNING LATE THURSDAY NIGHT THROUGH 6 AM THIS MORNING.

TIDAL FLOODING WAS REPORTED EARLY THIS MORNING IN THE OCEAN CITY AREA. BALTIMORE DEPARTMENT OF TRAFFIC AND TRANSIT REPORTED THAT HEAVY FLOODING HAD FORCED THE CLOSING OF SEVERAL MAJOR STREETS IN BALTIMORE CITY. STATE POLICE REPORTED THE CLOSING OF SOME STATE HIGHWAYS TEMPORARILY DUE TO FLOODING. DAMAGE DUE TO THE STORM HAS SO FAR REPORTED TO HAVE BEEN LIGHT.

THIS WILL BE THE LAST STATEMENT ON THE STORM.

## WILMINGTON, DELAWARE

STATEMENT 6:30 AM EDT FRIDAY AUGUST 27, 1971

GALE WARNINGS ARE IN EFFECT ON THE DELAWARE COAST TODAY, FOR EASTERLY WINDS INCREASING TO 35 TO 50 KNOTS (40-58 MPH) WITH STRONGER GUSTS BY THIS AFTERNOON OR EVENING SHIFTING TO WESTERLY TONIGHT AND DIMINISHING TO 15 TO 20 KNOTS (17-23 MPH) BY SATURDAY.

TIDES MAY RUN 2 TO 4 FEET ABOVE NORMAL (OR 4 TO 8 ABOVE MLW) WITH FLOODING AT TIMES OF HIGH TIDE. SEAS AND SURF SHOULD BECOME HEAVY AND DANGEROUS BEACH CURRENTS CAN DEVELOP TODAY.

HIGH TIDES AT DELAWARE BREAKWATER AT 1:24 EDT THIS AFTERNOON AND 1:42 EDT SATURDAY MORNING.

PLEASE STAY TUNED TO YOUR LOCAL RADIO STATION FOR THE LATEST FORECASTS AND STATEMENTS.

STATEMENT 2 PM EDT FRIDAY AUGUST 27, 1971

FLASH FLOOD WARNING IS IN EFFECT FOR THE STATE OF DELAWARE FOR THIS AFTERNOON AND EVENING. LOCAL URBAN FLOODING AND SMALL STREAM OVERFLOWS ARE LIKELY THIS AFTERNOON AND EVENING. ALL INTERESTS SUBJECT TO FLOODING SHOULD REMAIN ON THE ALERT FOR POTENTIAL RIVER FLOODING. PRELIMINARY PRECAUTIONS SHOULD BE COMPLETE TODAY IN AREAS NORMALLY SUBJECT TO FLOODING. AT 2 PM EDT, 3.23 INCHES OF RAIN HAS FALLEN AT WILMINGTON AIRPORT. RAIN, HEAVY AT TIMES, IS EXPECTED TO CONTINUE THIS AFTERNOON AND EVENING BEFORE TAPERING OFF TONIGHT.

STATEMENT 6:30 PM EDT FRIDAY AUGUST 27, 1971

STORM WARNINGS ARE NOW IN EFFECT ALONG THE DELAWARE COAST AND DELAWARE AND CHESAPEAKE BAYS FOR INCREASING EASTERLY WINDS 40-60 MPH TONIGHT. A FLASH FLOOD WARNING IS ALSO IN EFFECT FOR THE STATE TONIGHT.

AT 5 PM EDT, DORIA WAS STILL OVER LAND ABOUT 80 MILES SOUTH OF NORFOLK, VIRGINIA, AND IS MOVING NORTH AND NORTHEASTWARD 25 MPH. WIND SPEEDS OF 50 MPH HAVE BEEN RECORDED INLAND AND GALE FORCE WINDS UP TO 60 MPH CONTINUE OFFSHORE.

THE TROPICAL STORM HAS TAKEN A FURTHER TURN TO THE NORTH NORTHEAST AND IT NOW APPEARS THE CENTER WILL EMERGE BACK INTO THE ATLANTIC EAST OF NORFOLK AROUND 8 PM THIS EVENING. ON THE TRACK THE CENTER WILL REMAIN NEAR THE COAST OR A SHORT DISTANCE OFFSHORE DURING THE NIGHT REACHING THE LONG ISLAND AREA SHORTLY AFTER DAYBREAK. THIS NEW TRACK MAY REQUIRE A HURRICANE WARNING FOR THE DELAWARE AREA WITHIN THE NEXT FEW HOURS.

ALL INTERESTS SHOULD STAND BY FOR EMERGENCY ACTION IN CASE HURRICANE WARNINGS ARE NECESSARY.

THIS LOCAL STATEMENT IS FROM THE NATIONAL WEATHER SERVICE OFFICE AT THE GREATER WILMINGTON AIRPORT.

STATEMENT 7:30 PM EDT FRIDAY AUGUST 27, 1971

STORM WARNINGS ARE IN EFFECT ALONG THE DELAWARE COAST AND DELAWARE AND CHESAPEAKE BAYS FOR INCREASINGLY EASTERLY WINDS 40-55 KNOTS TONIGHT. A FLASH FLOOD WARNING IS ALSO IN EFFECT FOR THE STATE.

AT 6 PM EDT DORIA WAS 60 MILES SOUTH OF NORFOLK, VIRGINIA, NEAR LATITUDE 36.0 NORTH, LONGITUDE 76.5 WEST. THE STORM IS EXPECTED TO MOVE NORTH AND NORTHEASTWARD 25 MPH TONIGHT AND GRAUALLY TURN TOWARDS THE NORTHEAST SATURDAY.

RADAR REPORTS INDICATE DORIA MAY BE TURNING TOWARDS THE NORTH NORTHEAST AND THE CENTER COULD EMERGE BACK OVER THE OPEN WATER EAST OF NORFOLK THIS EVENING. IF THIS OCCURS THE STORM WOULD STRENGTHEN RAPIDLY AND WINDS MAY APPROACH HURRICANE FORCE AS THE SYSTEM NEARS LONG ISLAND DAYBREAK SATURDAY.

PLEASE STAY IN CLOSE CONTACT WITH LATER ADVISORIES AND LOCAL STATEMENTS.

THIS STATEMENT IS FROM THE NATIONAL WEATHER SERVICE OFFICE AT THE GREATER WILMINGTON AIRPORT.

STATEMENT 8:30 PM EDT FRIDAY AUGUST 27, 1971

STORM WARNINGS CONTINUE IN EFFECT ALONG THE DELAWARE COAST AND DELAWARE AND CHESAPEAKE BAYS FOR INCREASING EASTERLY WINDS 40-55 KNOTS TONIGHT. A FLASH FLOOD WARNING ALSO CONTINUES IN EFFECT FOR THE STATE TONIGHT.

TROPICAL STORM DORIA IS NOW MOVING THROUGH THE VIRGINIA CAPES. AT 8 PM EDT, DORIA WAS LOCATED NEAR LATITUDE 36.6 NORTH AND LONGITUDE 76.1 WEST AND MOVING NORTH NORTHEAST 23 MPH. THE STORM IS FORECAST TO MOVE NORTHEASTWARD NEAR THE COAST WITH THE CENTER PASSING NEAR THE DELAWARE COAST AROUND 1 AM SATURDAY. THIS WILL CAUSE TIDES TO INCREASE 3 TO 5 FEET ABOVE NORMAL, 6 TO 8 FEET ABOVE MEAN LOW WATER, ALONG THE COAST. HIGH TIDE AT BREAKWATER HARBOR IS 1:42 AM EDT. SOME FLOODING AND BEACH EROSION IS EXPECTED OVERNIGHT.

HEAVY RAIN IS OCCURRING FROM THE CHESAPEAKE BAY REGION NORTHEAST INTO NEW ENGLAND AND COVERS MOST OF THE AREA INLAND FOR ABOUT 100 MILES. SINCE 7 PM THURSDAY EVENING, THE NATIONAL WEATHER SERVICE AT THE GREATER WILMINGTON AIRPORT HAS REPORTED 3.56 INCHES OF RAINFALL.

AT 7:30 PM A REPORT FROM THE CHESAPEAKE BAY BRIDGE TUNNEL REPORTED WIND AT 58 MPH.

PLEASE STAY IN CLOSE CONTACT WITH LATER ADVISORIES AND LOCAL STATEMENTS. ANOTHER LOCAL STATEMENT WILL BE ISSUED BY 10:30 PM EDT FROM THIS OFFICE.

THIS STATEMENT IS FROM THE NATIONAL WEATHER SERVICE OFFICE AT THE GREATER WIIMINGTON AIRPORT.

STATEMENT 10:30 PM EDT FRIDAY AUGUST 27, 1971

STORM WARNINGS CONTINUE IN EFFECT ALONG THE DELAWARE COAST AND OVER THE DELAWARE BAY FOR INCREASING EASTERLY WINDS 40-55 KNOTS TONIGHT. A FLASH FLOOD WARNING ALSO IS IN EFFECT FOR THE STATE TONIGHT.

TROPICAL STORM DORIA HAS PASSED OVER THE NORFOLK AREA AND CONTINUES TO MOVE NORTH NORTHEASTWARD 23 MPH. AT THIS RATE THE CENTER SHOULD PASS NEAR THE DELAWARE COAST BETWEEN 1 AND 2 AM SATURDAY MORNING. TIDES SHOULD INCREASE 3 TO 5 FEET ABOVE NORMAL, 6 TO 8 FEET ABOVE MLW AT THE DELAWARE BREAKWATER 1:42 AM. SOME FLOODING AND BEACH EROSION IS EXPECTED OVERNIGHT.

AT 10 PM DORIA WAS LOCATED AT LATITUDE 37.2 NORTH AND LONGITUDE 75.7 WEST MOVING NORTH NORTHEAST ALMOST 30 MPH.

HIGHEST WINDS REPORTED IN THE NORFOLK, VIRGINIA, AREA WERE GUSTS TO 66 MPH AT THE CHESAPEAKE BAY BRIDGE TUNNEL. TIDES WERE REPORTED 1 TO 3 FEET ABOVE NORMAL.

PLEASE STAY IN CLOSE CONTACT WITH LATER ADVISORIES AND LOCAL STATEMENTS. ANOTHER LOCAL STATEMENT WILL BE ISSUED FROM THIS OFFICE BY 11:30 PM EDT.

THIS STATEMENT IS FROM THE NATIONAL WEATHER SERVICE OFFICE AT THE GREATER WILMINGTON AIRPORT.

STATEMENT 11:30 PM EDT FRIDAY AUGUST 27, 1971

STORM WARNINGS CONTINUE IN EFFECT ALONG THE DELAWARE COAST AND THE DELAWARE BAY FOR WINDS 40-55 KNOTS OVERNIGHT. A FLASH FLOOD WARNING IS IN EFFECT OVER THE STATE TONIGHT.

AT 11 PM, TROPICAL STORM DORIA WAS CENTERED AT LATITUDE 37.6 NORTH AND LONGITUDE 75.5 WEST OR ABOUT 20 MILES SOUTH OF WALLOPS ISLAND, VIRGINIA. THE STORM IS MOVING NORTH NORTHEAST AIMOST 30 MPH. AT THIS RATE THE STORM SHOULD PASS ALONG THE DELAWARE COASTLINE BETWEEN 1 AND 2 AM SATURDAY MORNING.

THE HIGHEST WINDS ARE UP TO 65 MPH OCCURRING OFFSHORE TO THE EAST OF THE CENTER AND THERE IS A CHANCE OF WINDS UP TO NEAR HURRICANE FORCE OR 75 MPH IN SQUALLS. WINDS IN THE NORFOLK, VIRGINIA, AREA RANGED UP TO 66 MPH WITH TIDES REPORTED 1 TO 3 FEET ABOVE NORMAL. AT 11 PM THE COAST GUARD AT LEWES, DELAWARE, REPORTED THE WINDS FROM THE EAST 30 TO 35 KNOTS, AND THE TIDES 2.3 FEET ABOVE NORMAL AND RISING.

PLEASE STAY IN CLOSE CONTACT WITH LATER ADVISORIES AND LOCAL STATEMENTS. ANOTHER LOCAL STATEMENT WILL BE ISSUED FROM THIS OFFICE BY 1:20 AM, SATURDAY MORNING.

THIS STATEMENT IS FROM THE NATIONAL WEATHER SERVICE OFFICE AT THE GREATER WILMINGTON AIRPORT.

STATEMENT 1:30 AM EDT SATURDAY AUGUST 28, 1971

STORM WARNINGS CONTINUE IN EFFECT FOR THE DELAWARE COAST AND DELAWARE BAY OVERNIGHT FOR EASTERNLY WINDS 40 TO 55 KNOTS SHIFTING TO NORTH WESTERLY 20 TO 30 KNOTS SATURDAY MORNING.

AT MIDNIGHT, STORM DORIA WAS CENTERED NEAR LATITUDE 38.0 NORTH AND LONGITUDE 75.4 WEST OR NEAR WALLOPS ISLAND, VIRGINIA, MOVING NORTH NORTHEAST AT 30 MPH. THE STORM IS EXPECTED TO PASS ALONG THE DELAWARE COASTLINE BETWEEN 2 AND 3 AM, EDT SATURDAY MORNING. HIGHEST WINDS ARE UP TO 70 MPH NEAR THE CENTER ON EXPOSED BEACHES. TIDES SHOULD RANGE 3 TO 5 FEET ABOVE NORMAL AS THE STORM PASSES ALONG THE DELAWARE COAST.

AT 1 AM EDT THE COAST GUARD AT LEWES, DELAWARE REPORTED TIDES RUNNING 5.4 FEET ABOVE NORMAL AND RISING. WINDS EASTERNLY 58-68 KNOTS.

PLEASE STAY IN CLOSE CONTACT WITH LATER ADVISORIES AND LOCAL STATEMENTS. ANOTHER LOCAL STATEMENT WILL BE ISSUED FROM THIS OFFICE BY 3:30 AM.

THIS STATEMENT IS FROM THE NATIONAL WEATHER SERVICE OFFICE AT THE GREATER WIIMINGTON AIRPORT.

STATEMENT 3:30 AM EDT SATURDAY AUGUST 28, 1971

STORM WARNINGS CONTINUE IN EFFECT FOR THE DELAWARE COAST AND BAY OVERNIGHT...FLASH FLOOD WARNINGS IN EFFECT-NORTHERN DELAWARE.

AT 3 AM, STORM DORIA IS MOVING ACROSS SOUTHERN DEALAWARE INTO THE DELAWARE BAY. ITS POSITION WAS LATITUDE 38.9 NORTH AND LONGITUDE 75.3 WEST OR ABOUT 10 MILES WEST OF LEWES, DELAWARE.

TIDES SHOULD SUBSIDE ALONG THE DELAWARE COAST AS THE STORM CENTER MOVES NORTH NORTHEASTWARD ABOUT 30 MPH. WINDS HAVE SHIFTED TO WEST SOUTHWEST 20 TO 40 MPH IN SOME SECTION OF SOUTHERN DELAWARE AND SHOULD DIMINISH TO 10-20 MPH IN THE NEXT TWO HOURS. LEWES, DELAWARE REPORTED TIDES 4.4 ABOVE NORMAL AND RISING WITH THE WIND FROM THE NORTHWEST AT 20 KNOTS.

RAINS CONTINUE HEAVY IN KENT AND NEW CASTLE COUNTIES BUT SHOULD TAPER OFF AROUND DAYBREAK. AN ADDITIONAL ONE OR TWO INCHES OF RAINFALL IS POSSIBLE BEFORE ENDING. RAINFALL AT THE GREATER WIIMINGTON AIRPORT HAS TOTLED NEARLY 4.50 INCHES SINCE THE STORM BEGAN ON THURSDAY EVENING.

ANOTHER LOCAL STATEMENT WILL BE ISSUED FROM THIS OFFICE BY 5:30 AM.

THIS STATEMENT IS FROM THE NATIONAL WEATHER SERVICE OFFICE AT THE GREATER WIIMINGTON AIRPORT.

STATEMENT 5:30 PM EDT SATURDAY AUGUST 28, 1971

AT 5 O'CLOCK THIS MORNING DORIA WAS CENTERED ABOUT 25 MILES WEST OF LAKEHURST, NEW JERSEY, AND MOVING NORTH NORTHEASTWARD AWAY FROM DELAWARE.

STORM WARNINGS HAVE BEEN CHANGED TO SMALL CRAFT WARNINGS OVER DELAWARE BAY AND ON THE COAST OF DELAWARE.

THE HEAVY RAIN HAS ENDED SO THE FLOOD WATERS WILL BE GRADUALLY SUBSIDING TODAY.

THE STRONG WINDS HAVE BEGUN TO DIMINISH.

THIS WILL BE THE LAST LOCAL STATEMENT ON THIS STORM FROM THE NATIONAL WEATHER SERVICE OFFICE AT THE GREATER WIIMINGTON AIRPORT.

## PHILADELPHIA, PENNSYLVANIA

STATEMENT 3:30 PM EDT FRIDAY AUGUST 27, 1971

THE PHILADELPHIA AREA MAY BE ON ITS WAY TOWARDS A RECORD BREAKING 24 HOUR RAINFALL. FROM MIDNIGHT UNTIL 2 PM THIS AFTERNOON A TOTAL OF 4.27 INCHES OF RAIN HAD FALLEN AT INTERNATIONAL AIRPORT. THE RECORD FOR A 24 HOUR PERIOD IS 3.89 INCHES RECORDED ON AUGUST 3RD AND 4TH 1898.

THE RAIN IS EXPECTED TO CONTINUE THRU TONIGHT AND INTO SATURDAY MORNING BEFORE FINALLY ENDING. ADDITIONAL PERIODS OF HEAVY RAIN ARE LIKELY PARTICULARLY DURING THE NIGHT AS TROPICAL STORM DORIA MOVES NORTHWARD. MORE FLOODING IS LIKELY IN POOR DRAINAGE AREAS AND ON SMALL STREAMS DURING THE NEXT 24 HOURS.

STATEMENT 7 PM EDT FRIDAY AUGUST 27, 1971

TROPICAL STORM DORIA POSES A THREAT TO THE SOUTHEASTERN PENNSYLVANIA AND SOUTHERN NEW JERSEY AREAS TONIGHT.

AT 6 PM THIS EVENING THE STORM WAS ABOUT 60 MILES SOUTH OF NORFOLK, VIRGINIA, AND IS MOVING NORTH NORTHEAST AT 25 MPH WITH GALE FORCE WINDS UP TO 60 MPH OFFSHORE TO THE EAST AND UP TO 50 MPH INLAND NEAR THE CENTER.

THE LATEST FORECASTED MOVEMENT INDICATES THAT DORIA WILL BE IN THE VICINITY OF EXTREME SOUTHERN NEW JERSEY BY 2 AM SATURDAY MORNING AND NEAR THE NEW ENGLAND STATES BY DAYBREAK.

PHILADELPHIA RESIDENTS ARE NOT EXPECTED TO FEEL THE WORST OF THE STORM. HOWEVER SOME FLASH FLOODING CAN BE EXPECTED TONIGHT AND WINDS WILL PROBABLY INCREASE TO 35 MPH OR MORE IN GUSTS. DUE TO THE POTENTIALLY HEAVY RAINS AND HIGH WINDS MOTORISTS ARE URGED TO EXERCISE EXTREME CAUTION.

ADDITIONAL STATEMENTS WILL BE ISSUED AS CONDITIONS WARRENT THEM.

STATEMENT 9:30 PM EDT FRIDAY AUGUST 27, 1971

TROPICAL STORM DORIA CONTINUES ON HER NORTH NORTHEASTWARD TRAJECTORY AT 25 MPH AND IS PRESENTLY PASSING OVER THE VIRGINIA CAPES HEADED FOR THE SOUTHERN NEW JERSEY COASTAL AREA.

THE FULL EFFECTS OF THE STORM WILL NOT BE FELT BY RESIDENTS OF THE PHILADELPHIA AREA. HOWEVER SOME FLASH FLOODING AND GUSTY WINDS OF 35 MPH OR MORE CAN BE EXPECTED TONIGHT. THE HEAVY RAINS AND GUSTY WINDS WILL PRODUCE TREACHEROUS DRIVING CONDITIONS AND MOTORISTS ARE URGED TO EXERCISE EXTREME CAUTION.

ADDITIONAL STATEMENTS WILL BE ISSUED AS CONDITIONS WARRENT THEM.

STATEMENT 8:30 AM EDT SATURDAY AUGUST 28, 1971

AT 8 O'CLOCK THIS MORNING TROPICAL STORM DORIA WAS LOCATED IN SOUTHWESTERN CONNECTICUT WHILE CONTINUING A NORTHEASTWARD COURSE AWAY FROM THE PHILADELPHIA AREA. RAIN HAS ENDED OVER ALL OF EASTERN PENNSYLVANIA AND NEW JERSEY NORTHWARD TO THE NEW YORK CITY AREA. SUNSHINE IS NOW REPORTED IN MORE SECTIONS.

THE STORM PASSED JUST TO THE EAST OF PHILADELPHIA AT ABOUT 4 O'CLOCK THIS MORNING. THE STRONGEST WIND GUST AT INTERNATIONAL AIRPORT WAS 51 MPH AT 4:55 AM. AT NORTH PHILADELPHIA AIRPORT A GUST TO 73 MPH WAS REPORTED AT 5:30 AM. WINDS HAVE SUBSIDED QUICKLY FOLLOWING THE PASSAGE OF THE STORM AND FOR THE REMAINDER OF THE DAY SPEEDS WILL GENERALLY BE IN THE 10 TO 20 MPH RANGE.

TOTAL RAINFALL FOR THE STORM AT PHILADELPHIA WAS 6.57 INCHES...0.02 JUST BEFORE MIDNIGHT THURSDAY...4.77 ON FRIDAY...AND 1.76 THIS MORNING. THE STORM FAILED TO BREAK THE RECORD 24 HOUR RAINFALL OF 5.89 INCHES SET ON AUGUST 3RD and 4TH 1898.

WINDS OF UP TO 70 MPH WERE REPORTED ON THE NEW JERSEY COAST DURING THE NIGHT WITH TIDES 3 TO 5 FEET ABOVE NORMAL. SMALL CRAFT WARNINGS REMAIN DISPLAYED ON THE NEW JERSEY COAST FOR WINDS DIMINISHING FROM 20 TO 35 KNOTS EARLY THIS MORNING TO 10 TO 20 KNOTS THIS AFTERNOON. ROUGH SEAS WILL GRADUALLY SUBSIDE.

## HARRISBURG, PENNSYLVANIA

STATEMENT 9:20 AM EDT FRIDAY AUGUST 27, 1971

SUSQUEHANNA RIVER FORECAST FOR 7 AM TOMORROW MORNING.

STATION FCST STAGE 8/28/71

WILKES BARRE	0.1
SUNBURY	6.1
WILLIAMSPORT	0.5
NEWPORT	3.7
HARRISBURG	3.2

LIGHT TO MODERATE RAIN HAS ACCRUED IN THE SUSQUEHANNA BASIN AS OF 7 AM THIS MORNING BUT STREAMS HAVE CHANGED LITTLE. THERE IS A THREAT OF HEAVY RAIN THIS AFTERNOON AND TONIGHT AS TROPICAL STORM DORIA MOVES NORTHWARD SO THERE IS A GOOD POSSIBILITY OF SOME SMALL STREAM FLOODING TONIGHT--ESPECIALLY IN THE LOWER REACHES OF THE SUSQUEHANNA. THERE IS NO THREAT OF MAIN STREAM FLOODING ALONG THE SUSQUEHANNA AT THIS TIME. BUT THE MOVEMENT OF DORIA COULD CHANGE THIS AND FURTHER ADVISORIES WILL BE ISSUED AS THIS STORM MOVES UP THE COAST.

STATEMENT 3 PM EDT FRIDAY AUGUST 27, 1971

SUSQUEHANNA RIVER - TOWANDA, PENNSYLVANIA, AND BELOW

FLASH FLOOD WATCH REMAINS IN EFFECT FOR SMALL STREAMS IN THE LOWER SUSQUEHANNA, BUT HAS BEEN CANCELLED FOR THE MIDDLE AND UPPER SUSQUEHANNA AREAS.

RAINFALL SINCE 7 AM HAS RANGED FROM LESS THAN .10 INCH IN NORTHERN AREAS TO A LITTLE OVER ONE INCH AT HARRISBURG AND BELOW.

HURRICANE DORIA IS STILL A THREAT TO FLOOD SMALL STREAMS IN THE LOWER SUSQUEHANNA DRAINAGE, BUT MAIN STREAMS ARE EXPECTED TO RUN WELL BELOW FLOOD LEVELS.

WHITE

STATEMENT 3:30 AM EST SATURDAY AUGUST 28, 1971

FLASH FLOOD WATCH ISSUED FOR THE LOWER SUSQUEHANNA RIVER BASIN HAS BEEN CANCELLED EFFECTIVE 3:30 AM EDT SATURDAY 8/28/71.

THIS AREA INCLUDES THE FOLLOWING COUNTIES IN SOUTH CENTRAL, PENNSYLVANIA, CUMBERLAND, LANCASTER, DAUPHIN, ADAMS, YORK, FRANKLIN, AND LEBANON, ADDITIONAL STATEMENTS AND FORECASTS FOR THE MAIN STREAM OF THE SUSQUEHANNA RIVER WILL BE ISSUED BY THIS OFFICE EARLY TOMORROW MORNING.

STATEMENT 4:30 PM EDT SATURDAY AUGUST 28, 1971

RECORD FLOODS IN CENTRAL NEW JERSEY.

REPORTS NOW REACHING US SHOW FLOODING IN CENTRAL NEW JERSEY EXCEEDS ALL PREVIOUS RECORDS BY UP TO 2 TO 4 FEET.

THE ASSUNPINK CREEK AT TRENTON, NEW JERSEY, CRESTED ON THE USGS GAGE AT NOON AT ABOUT 13.45 FEET AND WAS STEADY AT 1 PM. THIS IS 2.7 FEET ABOVE PREVIOUS RECORD 10.74 FEET OF SEPTEMBER 22, 1938. FLOOD STAGE IS 7 FEET.

OBSERVER ON RARITAN RIVER AT BOUND BROOK, NEW JERSEY, ESTIMATES FROM HELICOPTER STAGE TO BE 18 TO 18-1/2 FEET. FLOOD STAGE IS 8 FEET. THIS IS HIGHEST STAGE OF CENTURY AND EXCEEDS OTHER RECENT HIGH FLOODS BY 2 TO 4 FEET.

NO OTHER STAGES ARE AVAILABLE FROM THE RARITAN BASIN AS ALL GAGES ARE FLOODED OR ISOLATED.

THE PASSAIC RIVER AT CHATHAM, NEW JERSEY, CRESTED THIS MORNING AT ABOUT 8 FEET...ABOUT EQUAL TO FLOOD OF MAY 29, 1968. RECORD STAGE IS 8.3 FEET IN JANUARY 1905. FLOOD STAGE IS 6 FEET.

STATEMENT 8:20 AM EDT SUNDAY AUGUST 29, 1971

RAMAPO RIVER

UPPER REACHES OF THE RAMAPO RIVER ABOVE POMPTON PLAINS HAS CRESTED AND FALLING STAGES HAVE BEEN REPORTED THIS MORNING.

RAMAPO RIVER AT POMPTON PLAINS CRESTED NEAR 14.2 FEET LATE LAST NIGHT. FLOOD STAGE IS 12 FEET. THE RIVER WILL CONTINUE TO FALL SLOWLY GOING BELOW FLOOD STAGE LATE THIS AFTERNOON. STAGE AT 7 AM SUNDAY MORNING WAS 13.2 FALLING.

PASSAIC RIVER

PASSAIC RIVER AT CHATHAM WILL CREST NEAR 71/2 FEET ABOUT NOON TODAY. THIS IS ABOUT 2 FEET ABOVE THE FLOOD STAGE. STAGE AT 7 AM THIS MORNING WAS 7.3 RISING.

RARITAN RIVER AT BOUND BROOK CRESTED LATE SATURDAY EVENING AT RECORD HEIGHTS EXCEEDING THE NOVEMBER 1938 CREST OF 16.3 FEET BY ABOUT 2 FEET.

RARITAN RIVER WILL CONTINUE SLOW FALLING STAGES TODAY GOING BELOW FLOOD STAGE LATE SUNDAY EVENING.

PASSAIC RIVER

PASSAIC RIVER AT LITTLE FALLS IS FORECAST TO CREST NEAR 11 FEET LATE SUNDAY AFTERNOON AND WILL REMAIN NEAR THAT STAGE FOR 18 TO 24 HOURS.

ADDITIONAL STATEMENTS WILL BE ISSUED LATER THIS MORNING WHEN OTHER STAGES AND DATA HAVE BEEN EVALUATED.

STATEMENT 11:45 AM EDT SUNDAY AUGUST 29, 1971

FOR THE PASSAIC AND RARITAN RIVERS IN NEW JERSEY

PASSAIC RIVER

CHATHAM, NEW JERSEY, STAGE AT 7 AM, 7.4 RISING. WILL CREST NEAR 8.0 FEET. CHANGING LITTLE FOR THE 12 HOURS THE FALLING SLOWLY GOING BELOW FLOOD STAGE 6 FEET LATE MONDAY 8/30/71.

RAMAPO RIVER

ABOVE POMPTON PLAINS, NEW JERSEY. CONTINUE SLOW FALLING STAGES NEXT 24 HOURS.

PASSAIC RIVER

LITTLE FALLS, NEW JERSEY, PATTERSON AREA. CREST FORECAST. CREST NEAR 10 FEET. LATE SUNDAY 8/29/71. REMAINING NEARLY STATIONARY THROUGH MONDAY 8/30/71. FALLING BELOW FLOOD STAGE 6 FEET EARLY TUESDAY MORNING 8/31/71.

RARITAN RIVER

BOUND BROOK, NEW JERSEY. CRESTED NEAR 19-1/2 FEET LATE SATURDAY EVENING. FLOOD STAGE IS 8 FEET. WILL FALL SLOWLY. REMAINING ABOVE FLOOD STAGE UNTIL LATE TUESDAY 8/31/71 EVENING.

TRENTON, NEW JERSEY, AREA

SMALL STREAMS IN THE TRENTON AREA ARE FALLING SLOWLY AND WILL FALL BELOW FLOOD STAGE LATE SUNDAY EVENING.

DELAWARE RIVER

BELOW BELVIDERE, NEW JERSEY. WILL CONTINUE SLOW MODERATE RISE. CRESTING NEAR HALF BANKFUL STAGES ON SUNDAY AFTERNOON. NO FLOODING IS INDICATED ALONG THE DELAWARE RIVER.

SCHUYLKILL RIVER

POTTSTOWN AND PHILADELPHIA, PENNSYLVANIA, AREA CONTINUES TO FALL SLOWLY. NO FLOODING REPORTED ALONG THESE STREAMS.

BRANDYWINE CREEK NEAR CHADDS FORD, PENNSYLVANIA, AND THE NESHAMINY CREEK NEAR LANGHORNE CONTINUE TO RECEED SLOWLY AND FORECASTED TO CONTINUE SLOW FALLING STAGES NEXT 24 HOURS.

ATLANTIC CITY, NEW JERSEY

STATEMENT 11 AM EDT FRIDAY AUGUST 27, 1971

SUPPLEMENT TO THE 10:30 AM EDT NATIONAL HURRICANE CENTER STORM ADVISORY.

RESIDENTS ALONG COASTAL AREAS FROM MANASQUAN TO CAPE MAY.

GALE WARNINGS ARE IN EFFECT FROM MANASQUAN TO CAPE MAY. WINDS WILL GRADUALLY INCREASE FROM THE EAST AND SOUTHEAST TO 30 TO 40 KNOTS WITH HIGHER GUSTS LATER TODAY.

TIDES WILL RUN 1 TO 2 FEET ABOVE NORMAL OR 5 TO 6 FEET ABOVE MEAN LOW WATER. TIDAL FLOODING SHOULD BE MINOR. HIGH TIDE AT THE STEEL PIER OCCURS AT 16 MINUTES PAST MIDNIGHT TONIGHT. HOWEVER A FLASH FLOOD WATCH IS IN EFFECT FOR MOST OF NEW JERSEY WITH RAINFALL AMOUNTS OF 2 TO 4 INCHES. RAIN WILL BE HEAVY AT TIMES TODAY AND TONIGHT WITH LOCAL AREAS FLOODING DUE TO HEAVY RAINFALL.

INTERESTS SHOULD REMAIN ALERT FOR THE LATEST ADVISORIES...BULLETINS...AND LOCAL STATEMENTS.

STATEMENT 4 PM EDT FRIDAY AUGUST 27, 1971

SUPPLEMENT TO THE 3:30 PM EDT ADVISORY FROM THE NATIONAL HURRICANE CENTER FOR RESIDENTS OF ATLANTIC OCEAN EASTERN HALF OF BURLINGTON AND CAPE MAY COUNTIES.

GALE WARNINGS REMAIN IN EFFECT FROM MANASQUAN TO CAPE MAY. WINDS WILL GRADUALLY INCREASE TONIGHT.

MODERATE OR GREATER TIDAL FLOODING CAN BE EXPECTED TONIGHT. TIDES WILL RUN 3 TO 5 FEET ABOVE NORMAL OR 6 TO 8 FEET ABOVE MEAN LOW WATER. HIGH TIDE AT THE STEEL PIER OCCURS AT 16 MINUTES PAST MIDNIGHT.

A FLASH FLOOD WATCH IS IN EFFECT FOR NEW JERSEY. HEAVY RAINS WILL CAUSE LOCAL FLOODING.

RESIDENTS SHOULD TAKE NECESSARY PRECAUTIONS TO MINIMIZE PROPERTY DAMAGE DUE TO RAINFALL AND TIDAL FLOODING.

ROUGH SEAS AND HEAVY SURF WILL CAUSE SOME BEACH EROSION ALONG THE COASTAL SECTIONS.

SHOULD DORIA TURN FURTHER EAST AND GAIN IN STRENGTH HURRICANE WARNINGS MAY BE EXTENDED TO INCLUDE MANASQUAN TO CAPE MAY. ALL PERSONS SHOULD STAY IN CLOSE CONTACT WITH LATER ADVISORIES AND LOCAL STATEMENTS.

ANOTHER STATEMENT WILL BE ISSUED BY THE ATLANTIC CITY WEATHER SERVICE AT 6:30 PM EDT.

STATEMENT 6:30 PM EDT FRIDAY AUGUST 27, 1971

SUPPLEMENT TO THE 6 PM EDT AUGUST 27, 1971, ADVISORY FROM THE NATIONAL HURRICANE CENTER FOR RESIDENTS OF OCEAN...ATLANTIC...CAPE MAY...AND THE EASTERN HALF OF BURLINGTON COUNTIES.

STORM WARNINGS ARE IN EFFECT FROM MANASQUAN TO CAPE MAY...WINDS WILL GRADUALLY INCREASE FROM THE EAST AT 40 TO 55 KNOTS LATER TONIGHT.

MODERATE TIDAL FLOODING CAN BE EXPECTED AT HIGH TIDE LATE TONIGHT. TIDES 3 TO 5 FEET ABOVE NORMAL OR 6 TO 8 FEET ABOVE MEAN LOW WATER. COASTAL RESIDENTS SHOULD BE ON THE ALERT THAT TIDAL FLOODING MAY POSSIBLY INCREASE RAPIDLY LATE TONIGHT. KEEP IN CONTACT WITH LOCAL RADIO STATIONS.

FLASH FLOOD WATCH CONTINUES FOR NEW JERSEY.

ROUGH SEAS AND HEAVY SURF WILL CAUSE COASTAL BEACH EROSION.

RESIDENTS SHOULD HAVE TAKEN NECESSARY PRECAUTIONS TO MINIMIZE DAMAGE DUE TO RAINFALL AND TIDAL FLOODING.

PLEASE STAY IN CLOSE CONTACT WITH LATER ADVISORIES AND LOCAL STATEMENTS. ANOTHER STATEMENT WILL BE ISSUED BY THE ATLANTIC CITY WEATHER OFFICE AT 10:30 PM OR SOONER IF CONDITIONS WARRANT.

ROSS

STATEMENT 8:30 PM EDT FRIDAY AUGUST 27, 1971

FOR RESIDENTS ALONG THE COASTAL SECTIONS FROM MANASQUAN TO CAPE MAY.

STORM WARNINGS ARE IN EFFECT FROM MANASQUAN TO CAPE MAY. WINDS WILL GRADUALLY INCREASE FROM THE EAST AT 40 TO 55 KNOTS LATER TONIGHT. TIDES WILL BE 3 TO 5 FEET ABOVE NORMAL. THIS WILL BE 6 TO 8 FEET ABOVE MEAN LOW WATER.

AT 6 PM EDT THE CENTER WAS 60 MILES SOUTH OF NORFOLK NEAR LATITUDE 36.0 NORTH LONGITUDE 76.5 WEST. THE STORM IS EXPECTED TO MOVE BETWEEN NORTH AND NORTHEAST FROM ITS PRESENT POSITION AT ABOUT 25 MILES PER HOUR TONIGHT AND GRADUALLY TURN TOWARDS THE NORTHEAST ON SATURDAY.

GALE FORCE WINDS UP TO 60 MILES PER HOUR ARE OCCURRING OFFSHORE EAST OF THE CENTER. AS THE STORM MOVES TOWARDS US IT WILL BRING THESE GALE WINDS INTO THE WATERS OFF OF NEW JERSEY.

DORIA'S RAINFALL HAS BECOME EVIDENT ON THE ATLANTIC CITY WEATHER RADAR SHOWING INDICATIONS OF A WELL ORGANIZED TROPICAL STORM MOVING IN THIS DIRECTION AS EXPECTED. COASTAL RESIDENTS SHOULD BE ALERT TO TIDAL FLOODING. THE STORM TIDE IS EXPECTED TO COINCIDE WITH HIGH TIDE DURING THE MIDDLE OF THE NIGHT. KEEP POSTED.

THE NEXT STATEMENT WILL BE ISSUED AT ABOUT 10 PM EDT.

MCCASLIN

STATEMENT 10 PM EDT FRIDAY AUGUST 27, 1971

FOR RESIDENTS ALONG THE COASTAL SECTIONS FROM MANASQUAN TO CAPE MAY.

THIS STATEMENT SUPPLEMENTS THE 10 PM BULLETIN ISSUED BY THE WASHINGTON FORECAST OFFICE.

TROPICAL STORM DORIA IS CLEARLY EVIDENT ON THE ATLANTIC CITY WEATHER RADAR SCOPE. IT IS A WELL ORGANIZED STORM AND CONTINUES ITS ADVANCE TOWARD NEW JERSEY. THE STORM IS FORECAST TO MOVE NORTHEASTWARD NEAR THE COAST WITH THE CENTER NEAR CAPE MAY SHORTLY AFTER MIDNIGHT. STORM WINDS OF UP TO 60 MPH ARE OCCURRING OFFSHORE. WINDS AND RAIN WILL INCREASE AS THE STORM APPROACHES.

RESIDENTS ALONG COASTAL SECTIONS FROM MANASQUAN TO CAPE MAY CAN EXPECT MODERATE TIDAL FLOODING AND SHOULD BE ALERT TO BULLETINS OF POSSIBLE TIDAL INCREASES.

AT 10 PM EDT TROPICAL STORM DORIA WAS LOCATED AT LATITUDE 37.2 NORTH LONGITUDE 75.7 WEST.

STORM WARNINGS REMAIN IN EFFECT FOR THE AREA FROM CAPE HATTERAS NORTHWARD TO PORTSMOUTH WHICH INCLUDES ALL THE NEW JERSEY COASTLINE AND THE DELAWARE AND CHESAPEAKE BAYS. A HURRICANE WATCH IS IN EFFECT FOR THE COASTAL REGION FROM MANASQUAN NORTHWARD TO CAPE ANN, MASSACHUSETTS.

THE NEXT SCHEDULED STATEMENT WILL BE ISSUED AT 12:30 AM. THERE WILL BE AN EARLIER STATEMENT IF NECESSARY.

MCCASLIN

STATEMENT 12:30 AM EDT SATURDAY AUGUST 28, 1971

FOR RESIDENTS ALONG THE COASTAL SECTIONS FROM MANASQUAN TO CAPE MAY. THIS STATEMENT SUPPLEMENTS THE MIDNIGHT TROPICAL STORM ADVISORY NUMBER 11 ISSUED BY THE WASHINGTON FORECAST OFFICE.

TROPICAL STORM DORIA CONTINUES ITS ADVANCE ALONG THE COASTLINE WITH THE RAINFALL THAT IS CLOSELY ASSOCIATED WITH THE STORM CENTER NOW COVERING SOUTHERN NEW JERSEY AS FAR NORTH AS TRENTON AND BARNAGAT.

AT MIDNIGHT EDT THE CENTER OF THE STORM WAS LOCATED NEAR WOLLOPS ISLAND. HIGHEST WINDS ARE UP TO AROUND 70 MPH NEAR THE CENTER ON EXPOSED BEACHES. THE STORM CENTER IS EXPECTED TO CONTINUE MOVING NORTH NORTHEASTWARD...WHICH IS ABOUT PARALLEL TO THE COASTLINE...AT 30 MPH.

STORM WARNINGS ARE CONTINUED NORTH OF CHINCOTEAGUE TO PORTSMOUTH WHICH INCLUDES ALL OF THE NEW JERSEY COAST AND DELAWARE BAY. A HURRICANE WATCH REMAINS IN EFFECT FOR COASTAL REGIONS FROM MANASQUAN NORTHWARD TO CAPE ANN, MASSACHUSETTS.

RESIDENTS ALONG COASTAL SECTIONS BETWEEN MANASQUAN AND CAPE MAY CAN EXPECT MODERATE TIDAL FLOODING AND SHOULD BE ALERT TO BULLETINS OF POSSIBLE TIDAL INCREASES. MODERATE TO OCCASIONALLY HEAVY RAINFALL CONTINUING OVER THE AREA FOR THE NEXT SEVERAL HOURS AND MAY CAUSE LOCAL FLOODING IN AREAS OF POOR DRAINAGE. WINDS MAY REACH AS HIGH AS 70 MPH ON EXPOSED BEACHES.

THE NEXT SCHEDULED STATEMENT WILL BE AT 2:30 AM. THERE WILL BE AN EARLIER STATEMENT IF NECESSARY.

MCCASLIN

STATEMENT 2:30 AM EDT SATURDAY AUGUST 28, 1971

SUPPLEMENT TO TROPICAL STORM BULLETIN DORIA 2 AM FROM WASHINGTON FORECAST OFFICE

TROPICAL STORM DORIA AT 2 AM EDT WAS CENTERED NEAR OCEAN CITY, MARYLAND, AND MOVING NORTH NORTHEAST ABOUT 30 MPH... PARALLELING THE COASTLINE.

STORM WARNINGS AND FLASH FLOOD WATCH CONTINUED.

RADAR AT ATLANTIC CITY INDICATES SOME HEAVY EMBEDDED THUNDERSTORMS OVER SOUTHERN NEW JERSEY AND MOVING RAPIDLY NORTHWARD. VERY HEAVY RAINS LIKELY WITH THESE THUNDERSTORMS.

A BEACH REPORT AT 2 AM EDT ESTIMATED WINDS TO 70 MPH.

SHORTLY BEFORE 2 AM TIDES AT THE STEEL PIER WERE 4.3 FEET ABOVE NORMAL OR 7.2 ABOVE MEAN LOW WATER.

ANOTHER LOCAL STATEMENT FROM THE WEATHER SERVICE OFFICE AT ATLANTIC CITY WILL BE ISSUED AT 4:30 AM.

ROSS

STATEMENT 4:30 AM EDT SATURDAY AUGUST 28, 1971

SUPPLEMENT TO ADVISORY NUMBER 12 FROM THE WASHINGTON FORECAST OFFICE.

AT 4 AM TROPICAL STORM DORIA WAS CENTERED IN THE VICINITY OF VINELAND, NEW JERSEY.

RAINFALL IS DIMINISHING RAPIDLY BEHIND THE STORM CENTER AND WINDS ALONG THE SOUTHERN NEW JERSEY COAST ARE GENERALLY LESS THAN 30 MPH.

TIDES ARE STILL ONE TO TWO FEET ABOVE NORMAL BUT THE DANGER OF TIDAL FLOODING IS PAST.

LOWEST SEA LEVEL PRESSURE WAS 29.375 INCHES AT THE WEATHER OFFICE AT ATLANTIC CITY AT 3 AM EDT.

HIGHEST WIND IN ATLANTIC CITY AT THE STATE MARINA WAS 63 MPH FROM THE SOUTHEAST AT 2:30 AM EDT.

THIS WILL BE THE LAST LOCAL STATEMENT ON TROPICAL STORM DORIA FROM THE WEATHER SERVICE OFFICE ATLANTIC CITY, NEW JERSEY.

ROSS

TRENTON, NEW JERSEY

FLASH FLOOD WATCH BULLETIN 8:30 AM EDT FRIDAY AUGUST 27, 1971

MODERATE TO HEAVY RAINS OF AROUND 1 TO 2 INCHES WELL IN ADVANCE OF TROPICAL STORM DORIA NOW COVERS MUCH OF DELAWARE, EASTERN PENNSYLVANIA AND NEW JERSEY THIS MORNING.

LOCAL URBAN FLOODING AND SOME SMALL STREAM OVERFLOWS ARE LIKELY TODAY IN THE HEAVY RAINFALL AREAS WITH PRECIPITATION AMOUNTS REACHING AROUND 2 TO 4 INCHES.

ALL INTERESTS SUBJECT TO FLOODING SHOULD REMAIN ON THE ALERT FOR POTENTIAL RIVER FLOODING.

TROPICAL STORM DORIA WITH ADDITIONAL HEAVY RAINFALL AMOUNTS MAY MOVE INTO THIS AREA BY TONIGHT.

PRELIMINARY PRECAUTIONS SHOULD BE COMPLETED TODAY IN AREAS NORMALLY SUBJECT TO FLOODING.

ADDITIONAL STATEMENTS OR BULLETINS WILL BE ISSUED LATER TODAY.

GROPER

FLASH FLOOD STATEMENT 12:30 PM EDT FRIDAY AUGUST 27, 1971

DORIA POSES SERIOUS FLOOD THREAT FOR THE DELAWARE VALLEY AND NEW JERSEY.

A FLASH FLOOD WATCH IS NOW IN EFFECT OVER THE ENTIRE DELAWARE VALLEY AND NEW JERSEY.

RAINS OF OVER THREE INCHES HAVE BEEN RECORDED AT MANY LOCATIONS IN SOUTHEASTERN PENNSYLVANIA, CENTRAL AND SOUTHERN NEW JERSEY. SOME LOCAL URBAN FLOODING AND SMALL STREAM OVERFLOWS HAVE DEVELOPED IN THE HEAVY RAINS. FLASH FLOODING CAN BE EXPECTED IN SOME OF THE AREAS OF HEAVY RAINFALL. THIS HEAVY RAIN PATTERN IS SPREADING NORTHWARD ACROSS THE REMAINDER OF THE DELAWARE VALLEY AND NEW JERSEY DURING THIS AFTERNOON.

THE LATEST ADVISORY ON TROPICAL STORM DORIA INDICATES NORTHWARD PATH AS 20 TO 25 MPH.

RAINFALLS OF 3 INCHES OR MORE CAN BE EXPECTED DURING TONIGHT WITH THE PASSAGE OF DORIA.

THE ADDITIONAL RAINS WILL BE ENOUGH TO RESULT IN THE THREAT OF FLOODING ON MAJOR RIVERS AND STREAMS IN THE DELAWARE VALLEY AND NEW JERSEY.

PRELIMINARY PRECAUTIONS FOR ALL INTERESTS SUBJECT TO FLOODING SHOULD BE RUSHED TO COMPLETEION DURING THIS AFTERNOON.

CAMPERS ARE ADVISED TO LEAVE LOWER ELEVATIONS AND MOVE TO HIGHER GROUND.

ADDITIONAL STATEMENTS OR WARNINGS WILL BE ISSUED DURING THIS AFTERNOON.

GROPER

FLASH FLOOD WARNING BULLETIN 1 PM EDT FRIDAY AUGUST 27, 1971

VERY HEAVY RAINS OF OVER 4 INCHES IN THE PHILADELPHIA TRENTON AREA OF SOUTHEASTERN PENNSYLVANIA AND CENTRAL NEW JERSEY IS RESULTING IN FLASH FLOODING.

THE ASSUNPINK CREEK AT TRENTON ROSE TO 2 FEET ABOVE FLOOD STAGE AT 1 PM AND HEAVY RAINS ARE CONTINUING IN THE TRENTON AREA.

GROPER

FLOOD WARNING BULLETIN 3 AM EDT FRIDAY AUGUST 27, 1971

RAINS OF 4 TO 6.5 INCHES HAVE BEEN REPORTED DURING THE PAST 18 HOURS IN A WIDE AREA ACROSS NORTHERN DELAWARE, SOUTHEASTERN PENNSYLVANIA, CENTRAL AND NORTHEASTERN NEW JERSEY.

BASED UPON THIS MORNING'S HEAVY RAINS MANY OF THE SMALLER RIVERS ARE RISING RAPIDLY AND ARE EXPECTED TO FLOOD.

THE ASSUNPINK CREEK IN TRENTON AND THE MILLSTONE RIVER SHOULD CREST AROUND 3 TO POSSIBLY 4 FEET ABOVE FLOOD STAGE THIS AFTERNOON.

THE NESHAMINY CREEK OF SOUTHEASTERN PENNSYLVANIA AND THE RARITAN AND MANVILLE AND BOUND BROOK SHOULD CREST AROUND OR A LITTLE OVER BANK FULL WITH SOME MINOR FLOODING.

THE RANOCOCAS SHOULD CREST AROUND 1/2 FOOT ABOVE FLOOD STAGE ON SATURDAY.

ADDITIONAL RAINS EXPECTED TONIGHT WITH THE APPROACH OF TROPICAL STORM DORIA WILL REQUIRE REVISIONS OF THESE EARLY FLOOD STAGES.

ADDITIONAL WARNINGS WILL BE ISSUED AS REQUIRED BY THE RAINFALL.

GROPER

RIVER STATEMENT 9:30 PM EDT FRIDAY AUGUST 27, 1971

FLASH FLOOD WATCH CONTINUES OVER THE DELAWARE VALLEY AND NEW JERSEY WITH THE THREAT OF ADDITIONAL HEAVY RAINS DURING THE EARLY MORNING HOURS OF SATURDAY.

THE BRANDYWINE AT CHADDS FORD WILL RISE TO AROUND BANKFULL LATER TONIGHT.

THE NESHAMINY AT LANGHORNE WILL CREST AT AROUND 1 FOOT OVER FLOOD STAGE DURING THE EARLY MORNING HOURS SATURDAY.

THE ASSUNPINK CREEK AT TRENTON CONTINUES 3 TO 4 FEET ABOVE FLOOD STAGE AND IS EXPECTED TO REcede SLOWLY LATER TONIGHT.

THE RARITAN AT BOTH MANVILLE AND BOUND BROOK WILL CREST AROUND BANK FULL EARLY SATURDAY.

THE MILLSTONE WILL REACH AROUND 2 TO 3 FEET ABOVE FLOOD STAGE THIS EVENING AND REcede SLOWLY LATER TONIGHT.

THE RANOCOCAS AT PEMBERTON WILL RISE SLOWLY TO AROUND 1/2 FOOT ABOVE FLOOD STAGE ON SATURDAY.

THE SADDLE RIVER AT LODI WILL RISE TO AROUND 1 FOOT ABOVE FLOOD LEVELS TONIGHT.

THE ABOVE STAGES ARE THE RESULT OF THE 4 TO 7 INCH RAINFALLS ACROSS SOUTHEASTERN PENNSYLVANIA AND NEW JERSEY EARLIER TODAY.

ADDITIONAL STATEMENTS OR WARNINGS WILL BE ISSUED WITH THE RAINS THAT ACCOMPANY THE PASSAGE OF TROPICAL STORM DORIA DURING THE MORNING HOURS OF SATURDAY.

GROPER

FLASH FLOOD WARNING BULLETIN 2 AM EDT SATURDAY AUGUST 28, 1971

FOR NORTHERN DELAWARE, SOUTHEASTERN PENNSYLVANIA AND NEW JERSEY.

TROPICAL STORM DORIA IS HUGGING THE MARYLAND COAST AND IS EXPECTED TO CROSS EASTERN NEW JERSEY DURING THE MORNING HOURS SATURDAY.

MODERATE TO HEAVY RAINS HAVE SPREAD NORTHWARD FROM THIS STORM INTO NORTHERN DELAWARE, SOUTHEASTERN PENNSYLVANIA AND CENTRAL AND SOUTHERN NEW JERSEY WITH THE HEAVY RAIN EXPECTED IN NORTHERN NEW JERSEY LATER THIS MORNING.

RAINFALL AMOUNTS OF 2 INCHES UP TO AROUND 4 INCHES IS LIKELY IN MUCH OF THE AREA COVERED BY THE FLASH FLOOD WARNING.

THIS ADDITIONAL RAINFALL IN THE AREAS ALREADY WELL SATURATED WITH FRIDAY'S HEAVY RAINS WILL QUICKLY RESULT IN SOME AREAS OF FLASH FLOODING DURING THE NEXT 4 TO 6 HOURS.

MANY SMALLER RIVERS ARE ALREADY AT OR ABOVE FLOOD LEVELS THIS MORNING.

REVISED FORECASTS FOR RIVER FLOODING WILL BE ISSUED LATER THIS MORNING AS RAINFALL AMOUNTS ARE RECORDED IN THIS AREA.

ADDITIONAL STATEMENTS OR WARNINGS WILL BE ISSUED AS REQUIRED.

GROPER

FLASH FLOOD STATEMENT 5:30 AM EDT SATURDAY AUGUST 28, 1971

POLICE REPORTS FROM DOYLESTOWN, PENNSYLVANIA, INDICATES SOME FLASH FLOODING ALONG THE LOWER NESHAMINY CREEK OF SOUTHEASTERN PENNSYLVANIA. RIVER STAGE AT LANCHORNE, PENNSYLVANIA, ROSE RAPIDLY TO 3 FEET ABOVE FLOOD LEVELS AND IS EXPECTED TO REACH AROUND 4 TO 5 FEET ABOVE FLOOD LEVELS THIS MORNING.

GROPER.

FLASH FLOOD STATEMENT 7 AM EDT SATURDAY AUGUST 28, 1971

HEAVY RAINS OF 3 TO 4 INCHES MOVED ACROSS EXTREME SOUTHEASTERN PENNSYLVANIA AND NEW JERSEY DURING THE EARLY MORNING HOURS WITH THE PASSAGE OF TROPICAL STORM DORIA.

THIS RAINFALL COMING SO CLOSE AFTER THE VERY HEAVY RAINS OF YESTERDAY PRODUCED WIDESPREAD AREAS OF SEVERE FLASH FLOODING THIS MORNING ACROSS MANY SECTIONS OF NEW JERSEY INTO PORTIONS OF SOUTHEASTERN PENNSYLVANIA.

POWER FAILURE...ROADS BLOCKED...RIVERS WELL OVER BANKS...SOME EVACUATIONS AND HOMES FLOODED WERE ALL REPORTED DURING THIS MORNING.

FLOOD WARNINGS WILL BE ISSUED FOR RIVERS IN NEW JERSEY WHEN RAINFALL AMOUNTS ARE COLLECTED AND FLOOD STAGES COMPUTED.

GROPER

FLASH FLOOD STATEMENT 7:30 AM EDT SATURDAY AUGUST 28, 1971

LOWER ALL FLASH FLOOD WATCHES AND WARNINGS FOR EASTERN PENNSYLVANIA, NORTHERN DELAWARE AND SOUTHERN NEW JERSEY.

CONTINUE FLASH FLOOD WARNINGS OVER NORTHERN NEW JERSEY.

CONTINUE FLASH FLOOD WATCH FOR SULLIVAN AND DELAWARE COUNTIES OF LOWER NEW YORK STATE.

THE RAINFALL HAS JUST ABOUT ENDED OVER MOST OF EASTERN PENNSYLVANIA AND NEW JERSEY.

RIVERS ARE STILL RISING IN NORTHERN NEW JERSEY AND THE FLASH FLOOD WATCH IS CONTINUED UNTIL 11 AM EDT.

HEAVY RAINS ARE NOW MOVING INTO LOWER NEW YORK STATE.

GROPER

FLASH FLOOD STATEMENT 10 AM EDT SATURDAY AUGUST 28, 1971

LOWER ALL FLASH FLOOD WARNINGS FOR NORTH JERSEY.

LOWER FLASH FLOOD WATCH FOR DELAWARE AND SULLIVAN COUNTIES OF NEW YORK STATE.

THE FLASH FLOODING THAT DEVELOPED DURING THE NIGHT AND EARLY MORNING HOURS HAS TURNED INTO MAJOR RIVER FLOODING IN NEW JERSEY.

FORECAST FLOOD CRESTS WILL BE ISSUED BY THIS OFFICE BY 11 AM.

GROPER

FLOOD WARNING BULLETIN 10 AM EDT SATURDAY AUGUST 28, 1971

THE HEAVY RAINS OF LAST NIGHT CAUSED BY TROPICAL STORM DORIA HAS RESULTED IN FLOODING ACROSS PORTIONS OF SOUTHEASTERN PENNSYLVANIA AND NEW JERSEY.

RIVER	STATION	CREST	TIME	FLOOD STAGE
SCHUYLKILL	MINOR RISE ABOVE POTTSTOWN			
SCHUYLKILL	POTTSTOWN	8 FEET	10 AM	13 FEET
PERKIOMEN	GRATERFORD	BANKFULL	NOW	11 FEET
SCHUYLKILL	NORRISTOWN	13 FEET	11 AM	17 FEET
SCHUYLKILL	PHILADELPHIA	11.5 FEET	NOON	11 FEET
BRANDYWINE	CHADDS FORD	10 FEET FALLING		9 FEET
BRANDYWINE	WILMINGTON	8 FEET	11 AM THIS MORNING	11 FEET
RAMAPO	MAHWAH	11.5 FEET	3 PM THIS AFTERNOON	8 FEET
RAMAPO	POMPTON LAKES	3.5 FEET	9 PM THIS EVENING	2 FEET
POMPTON	POMPTON PLAINS	17.0 FEET	7 AM SUNDAY	12 FEET
PASSAIC	CHATTHAM	8.3 FEET	7 PM LITTLE CHANGE NEXT 18 HOURS	6 FEET
PASSAIC	LITTLE FALLS	11 FEET	7 AM SUNDAY LITTLE CHANGE NEXT 48 HOURS	7 FEET
RARITAN	MANVILLE	17 FEET	6 PM TONIGHT	12 FEET
MILLSTONE	BLACKWELLS MILLS	8.5 FEET CRESTING		7 FEET
RARITAN	BOUND BROOK	16 FEET	6 PM TODAY	8 FEET
RANCOCAS	PEMBERTON	5 FEET	MIDNIGHT SUNDAY	2.7 FEET
ASSUNPINK	TRENTON	11.0 FEET CRESTED		7 FEET

BELVIDERE ON THE MAIN STEM DELAWARE AND ABOVE...MINOR RISE NEXT 18 HOURS. CRESTING 1/4 to 1/2 BANKFULL.

LOWER DELAWARE AT RIEGELSVILLE CREST 12.5 TO 13 FEET MIDNIGHT TONIGHT.

DELAWARE AT TRENTON CREST 17.5 FEET SUNDAY MORNING. FLOOD STAGE 20 FEET.

NOTE THE ABOVE CRESTS ON THE PASSAIC REPRESENT SERIOUS FLOODING BUT CRESTS SHOULD REMAIN ABOUT 1 TO 1.5 FEET BELOW FLOOD LEVELS OF 1968 FLOOD.

THE ASSUNPINK AT TRENTON HAS CRESTED AT THE HIGHEST STAGE OF RECORD.

THE RARITAN WILL REACH JUST BELOW FLOOD LEVELS OF AUGUST 1955.

ADDITIONAL STATEMENTS OR WARNINGS WILL BE ISSUED.

GROPER

FLOOD STATEMENT NOON MONDAY AUGUST 30, 1971

THE RECORD FLOODS OF LAST WEEKEND HAVE NOW SUBSIDED AND RIVERS AND CREEKS IN SOUTHEASTERN PENNSYLVANIA AND NEW JERSEY ARE ALL BELOW BANK-FULL EXCEPT THE LOWER PASSAIC RIVER OF NORTH JERSEY.

THE LOWER PASSAIC FROM THE CHATHAM THROUGH TWO BRIDGES AND LITTLE FALLS PATTERSON AREA IS STILL 1 TO 2 FEET ABOVE FLOOD LEVELS.

A VERY SLOW FALL IN THE LOWER PASSAIC IS FORECAST TO CONTINUE THROUGH THIS AFTERNOON AND TONIGHT WITH THE RIVER DROPPING BELOW BANK-FULL BY AROUND NOON ON TUESDAY.

THIS WILL BE THE LAST STATEMENT ISSUED ON THIS FLOOD.

GROPER

NEW YORK, NEW YORK

STATEMENT 9 PM EDT FRIDAY AUGUST 27, 1971

STORM WARNINGS AND A HURRICANE WATCH CONTINUE IN EFFECT FOR THE NEW JERSEY COAST NORTH OF NANASQUAN...NEW YORK CITY...LONG ISLAND AND SOUTHERN CONNECTICUT.

RAINS ENDED BRIEFLY IN SOME AREAS EARLY TONIGHT BUT HAVE STARTED UP AGAIN IN MANHATTAN IN THE PAST HOUR. SINCE THE RAIN BEGAN SHORTLY AFTER MIDNIGHT LAST NIGHT MORE THAN FOUR INCHES HAS FALLEN IN NEW YORK CITY WITH SIMILAR AMOUNTS IN NEARBY AREAS EXCEPT THAT TOTALS HAVE GENERALLY BEEN LIGHTER IN EASTERN LONG ISLAND. HEAVY RAINS HAVE CAUSED SERIOUS STREET AND HIGHWAY FLOODING AND FLOODING OF SMALL STREAMS IN NORTHERN NEW JERSEY AND THE NEW YORK METROPOLITAN AREA AND HAVE SERIOUSLY HAMPERED TRAFFIC AT MANY PLACES.

RAINFALL OCCURRING AT PRESENT IS WELL IN ADVANCE OF TROPICAL STORM DORIA BUT WITHIN THE PAST HOUR THE NEW YORK CITY RADAR HAS BEGUN TO PICK UP THE NORTHERN PORTIONS OF THE RAIN AREA DIRECTLY ASSOCIATED WITH DORIA ABOUT 120 MILES TO THE SOUTH.

MAYER

STATEMENT 11:45 PM EDT FRIDAY AUGUST 27, 1971

STORM WARNINGS FOR WINDS OF 50 TO 60 MPH AND A HURRICANE WATCH REMAIN IN EFFECT FOR THE AREA FROM MANASQUAN, NEW JERSEY, TO CAPE ANN MASSACHUSETTS AT 11 PM EDT.

THE NORTHERN EDGE OF THE PRECIPITATION ASSOCIATED WITH DORIA EXTENDED FROM PHILADELPHIA TO ATLANTIC CITY. IN NORTHWESTERN PENNSYLVANIA IT MERGED WITH A RAINFALL AREA WHICH EXTENDS NORTHWARD INTO SOUTHEASTERN NEW YORK...NORTHERN CONNECTICUT, WESTERN MASSACHUSETTS.

RAINFALL HAS BEEN SOMEWHAT SPOTTY IN THE NEW YORK METROPOLITAN AREA IN THE PAST FEW HOURS AND THERE HAS BEEN LITTLE OR NO PRECIPITATION IN EASTERN LONG ISLAND. AT ITS PRESENT RATE OF MOVEMENT THE RAIN DIRECTLY ASSOCIATED WITH DORIA WILL REACH THE NEW YORK METROPOLITAN AREA AND LONG ISLAND ABOUT 2 AM.

MAYER

STATEMENT 2:30 AM EDT SATURDAY AUGUST 28, 1971

SUPPLEMENT TO THE 2 AM EDT WASHINGTON BULLETIN.

STORM WARNINGS FOR 50 TO 60 MPH WINDS AND A HURRICANE WATCH CONTINUES IN EFFECT AT 2:30 AM EDT FOR AN AREA WHICH INCLUDES NEW YORK CITY, LONG ISLAND, SOUTHERN CONNECTICUT AND THE NORTH JERSEY COAST.

MODERATE TO HEAVY RAIN ASSOCIATED WITH DORIA HAS SPREAD NORTHWARD INTO NEW YORK METROPOLITAN AREA AT THIS TIME. THE RAIN WILL CONTINUE TILL THE STORM PASSES NORTH NORTHEASTWARD CLOSE TO NEW YORK CITY EARLY SATURDAY AFTER WHICH RAPID IMPROVEMENT IS EXPECTED. TIDES 3 TO 5 FEET ABOVE NORMAL WILL PRODUCE LOCAL SHORE FLOODING. CONTINUED HEAVY RAIN WILL CAUSE FURTHER LOCAL URBAN HIGHWAY AND SMALL STREAM FLOODING IN THE LATE NIGHT AND EARLY MORNING HOURS. SOME PRECIPITATION TOTALS UNTIL 2 AM EDT TODAY SINCE THE RAIN BEGAN LATE THURSDAY NIGHT ARE AS FOLLOWS:

CENTRAL PARK	4.17
LAGUARDIA	4.70
NEWARK	5.96
JFK INTERNATIONAL AIRPORT	2.52
BRIDGEPORT	2.48
PHILADELPHIA	5.23
ISLIP	0.70
ATLANTIC CITY	3.07

STATEMENT 5 AM EDT SATURDAY AUGUST 28, 1971

SUPPLEMENT TO THE 4 AM EDT WASHINGTON BULLETIN.

THE HURRICANE WATCH FOR NEW YORK CITY...LONG ISLAND...SOUTHERN CONNECTICUT AREA AND THE NORTH JERSEY COAST IS DISCONTINUED AT 4 AM EDT. STORM WARNINGS FOR WINDS OF UP TO 55 MPH ARE EXPECTED TO BE DISCONTINUED IN THE NEXT FEW HOURS WHEN THE STORM SHOULD HAVE PASSED NORTH NORTHEASTWARD BEYOND THE NEW YORK METROPOLITAN AREA. HOWEVER SMALL CRAFT WARNINGS FOR THE COASTAL SECTIONS WILL BE CONTINUED.

THE NORTHWARD PASSING OF DORIA SHOULD BRING AN END TO THE HEAVY PRECIPITATION SHORTLY. LOCAL URBAN HIGHWAY AND SMALL STREAM FLOODING IS LIKELY DURING THE NEXT FEW HOURS.

AT CENTRAL PARK AN ADDITIONAL 1.36 INCHES OF RAIN HAS FALLEN SINCE MIDNIGHT OF WHICH 1.11 INCHES FELL IN THE HOUR ENDING AT 4 AM THIS BRINGS THE 2 DAY CENTRAL PARK TOTAL TO 5.52 INCHES.

TIDES 3 TO 5 FEET ABOVE NORMAL WITH LOCAL SHORE FLOODING ARE EXPECTED TO SUBSIDE AFTER THE NEXT FEW HOURS.

THE NEXT LOCAL STATEMENT FROM THE NATIONAL WEATHER SERVICE OFFICE AT NEW YORK CITY WILL BE ISSUED ABOUT 6:30 AM.

MORGAN

STATEMENT 6:45 AM EDT SATURDAY AUGUST 28, 1971

SUPPLEMENT TO THE 6 AM EDT WASHINGTON ADVISORY.

STORM WARNINGS FOR WINDS OF UP TO 55 MPH WITH HIGHER GUSTS OVER NEW YORK CITY, LONG ISLAND, SOUTHERN CONNECTICUT, AND NORTHERN NEW JERSEY WILL BE DISCONTINUED LATER THIS MORNING. TROPICAL STORM DORIA IS LOCATED AT THIS TIME JUST WEST OF NEW YORK CITY AND MOVING TOWARDS THE NORTHNORtheast ABOUT 30 MPH. HEAVY RAIN ASSOCIATED WITH THE STORM SHOULD TAPER OFF IN THE NEXT FEW HOURS BRINGING AN END TO THE URBAN...HIGHWAY...AND SMALL STREAM FLOODING THAT HAS PLAGUED THE AREA SINCE FRIDAY AFTERNOON.

TIDES REACHED 4.6 FEET ABOVE NORMAL AT THE BATTERY IN NEW YORK CITY WITH THE STORM PASSAGE BUT THE TIME OF ASTRONOMICAL HIGH TIDE WAS PAST AS THE STORM REACHED THE AREA. TIDES WILL BE SUBSIDING IN THE NEXT FEW HOURS.

THE TOTAL RAINFALL AT CENTRAL PARK FROM DORIA REACHED 1.71 INCHES BRINGING THE TWO DAY TOTAL TO 5.87 INCHES.

THE NEXT LOCAL STATEMENT FROM THE NATIONAL WEATHER SERVICE AT NEW YORK CITY WILL BE ISSUED ABOUT 8:30 AM EDT.

ALBANY, NEW YORK

STATEMENT 4:30 PM EDT FRIDAY AUGUST 27, 1971

HEAVY RAIN FOR SOUTHEASTERN NEW YORK.

THE POTENTIAL FOR HEAVY RAIN FROM HURRICANE DORIA WILL CONTINUE FOR SOUTHEASTERN NEW YORK FOR THE NEXT 24 HOURS WITH RAINFALL AMOUNTS TO 3 INCHES OR MORE LIKELY.

THIS RAIN IS NOT LIKELY TO CAUSE ANY SUBSTANTIAL FLOODING ON THE MAJOR STREAMS AND RIVERS BUT MAY CAUSE MINOR FLASH FLOODING ON THE SMALLER STREAMS AND CREEKS.

PEOPLE LIVING NEAR THOSE STREAMS THAT ARE PRONE TO FLASH FLOODING SHOULD REMAIN ALERT TO THIS POSSIBILITY OF FLOODING AND TENTERS IN THE CATSKILLS ALONG SMALL STREAMS AND CREEKS SHOULD MOVE TO HIGHER GROUND IMMEDIATELY.

FURTHER STATEMENTS WILL BE ISSUED AS NECESSARY.

DREWES

STATEMENT 9 AM EDT SATURDAY AUGUST 28, 1971

FLASH FLOOD ALERT CONTINUED FOR SOUTHEASTERN NEW YORK AND VERMONT, AND IS EXTENDED TO INCLUDE THE CAPITAL DISTRICT NORTH TO THE GLENS FALLS AREA.

TROPICAL STORM DORIA WAS LOCATED AT 8 AM THIS MORNING OVER SOUTHWESTERN CONNECTICUT MOVING NORTHEASTWARD AROUND 30 MPH. IT SHOULD MOVE THROUGH SOUTHERN NEW HAMPSHIRE BY EARLY THIS AFTERNOON.

FLASH FLOOD WARNINGS ARE IN EFFECT FOR ALL OF VERMONT.

A FLASH FLOOD ALERT CONTINUES FOR SOUTHEASTERN NEW YORK AND IS NOW EXTENDED TO INCLUDE THE CAPITAL DISTRICT NORTHWARD TO THE GLENS FALLS AREA.

THE HEAVY RAINS HAVE NOW TAPERED OFF OVER THE CATSKILLS OF NEW YORK AND WILL BE TAPERING OFF OVER THE CAPITAL DISTRICT BEFORE NOON. RAINFALL AMOUNTS OVER SOUTHEASTERN NEW YORK HAVE BEEN VERY HEAVY IN SOME AREAS WITH CLOSE TO 8 INCHES REPORTED IN A FEW ISOLATED SECTIONS. AT 9 AM THE ALBANY COUNTY AIRPORT APPROXIMATELY 4-1/2 INCHES OF RAIN HAVE FALLEN.

FLASH FLOODING OF SMALL STREAMS...STREETS AND UNDERPASSES AS WELL AS POORLY DRAINED AND LOW LYING AREAS WILL CONTINUE THROUGH EARLY AFTERNOON OVER SOUTHEASTERN NEW YORK.

IN VERMONT HEAVY RAINS ARE NOW OCCURRING IN MOST SECTIONS AND FLASH FLOODING IS QUITE POSSIBLE IN MANY SECTIONS.

THE PUBLIC SHOULD STAY IN TOUCH WITH LATER STATEMENTS ON THIS STORM.

NO FLOODING IS EXPECTED ON ANY MAJOR RIVERS AND STREAMS IN SOUTHEASTERN NEW YORK AND VERMONT.

STATEMENT 9:30 AM EDT SATURDAY AUGUST 28, 1971

RECORD RAINFALL FOR THE CAPITAL DISTRICT.

THE TOTAL RAINFALL FOR THIS STORM WAS 4.41 INCHES AS OF 9 AM. THIS IS THE HEAVIEST RAIN IN THE CAPITAL DISTRICT FOR MANY, MANY YEARS.

THE PAST HEAVY RAINFALL WAS 3.66 INCHES THAT FELL IN A 24 HOUR PERIOD SEPTEMBER 11 AND 12, 1960.

BEFORE THAT...ANOTHER HEAVY RAIN OCCURRED ON AUGUST 31, 1950, WITH A 24 HOUR TOTAL OF 4.08 INCHES.

THE ALL TIME HIGH RECORD OF RAIN OVER A 24 HOUR PERIOD WAS 4.75 INCHES SET IN 1903. THE 4.41 INCH TOTAL AT ALBANY IS FOR A PERIOD GREATER THAN 24 HOURS BUT WHEN THE STORM HAS ENDED AND THE GREATEST 24 HOUR PERIOD CAN BE EVALUATED IT IS EXPECTED THAT THIS WILL EASILY SURPASS THE 1960 AND 1950 STORMS AND MAY APPROACH THE ALL TIME STORM OF 1903.

URBAN FLASH FLOODING HAS DEVELOPED AS EXPECTED AND SMALL STREAMS AND CREEKS HAVE EITHER FILLED THEIR BANKS AND/OR OVERFLOWED. THE MAJOR STREAMS AND RIVERS ARE CONTAINING THE WATER NICELY WITH ONLY MODERATE RISES INDICATED GENERALLY. THIS MODERATE REACTION TO THE UNUSUALLY HEAVY RAIN IS THE RESULT OF PREVIOUS DRY WEATHER THAT HAS LEFT THE EARTH ABLE TO ABSORB GREAT QUANTITIES OF RAINFALL.

SOME OF THE OTHER RAINFALL AMOUNTS IN EASTERN NEW YORK INCLUDE

BERLIN	1.92
CANADA LAKE	2.45
COBLESKILL	2.05
EAGLE BRIDGE	1.52
PISECO	2.25
RIVERBANK	1.96
ROSENDALE OVER 5 INCHES	
SCHROON RIVER	2.03
SUSSEX, N.J.	6.57
TRIBES HILL	2.09
WAPPINGERS FALLS	8.50
WEST MILTON	3.02E
SALISBURY	2.00
NORTH GREENBUSH	4.00
BERNE	4.00
ELLEVILLE	5.61
HINCKLEY	1.39
GLOVERSVILLE	2.66
BATENVILLE	2.34
NEWCOMB	1.11
GARDNERVILLE	5.90
GARDINER	5.96

FLASH FLOOD WARNINGS CONTINUE FOR SOUTHEASTERN NEW YORK...THEY ARE NOW EXTENDED TO INCLUDE THE CAPITAL DISTRICT NORTHWARD TO ABOUT GLENS FALLS. FLASH FLOODING IS ALSO A PROBLEM FOR ADJACENT WESTERN NEW ENGLAND.

THE HURRICANE DORIA AT 9 AM WAS OVER WESTERN CONNECTICUT AND MOVING NORTHEASTWARD AT ABOUT 30 MPH. RAIN SHOULD END IN THE CAPITAL DISTRICT BEFORE NOON TODAY.

HARTFORD, CONNECTICUT

STATEMENT 8:30 PM EDT FRIDAY, AUGUST 27, 1971

SUPPLEMENT TO 8 PM EDT WASHINGTON FORECAST OFFICE TROPICAL STORM BULLETIN.

DORIA CONTINUES TOWARD SOUTHERN NEW ENGLAND.

INDICATIONS ARE THAT THE PRESENT PATH OF TROPICAL STORM DORIA WILL BRING THE CENTER JUST SOUTH OF LONG ISLAND BY 8 AM SATURDAY.

RAIN HEAVY AT TIMES TONIGHT AND INTO SATURDAY COULD CAUSE LOCAL FLOODING OF SOME SMALL RIVERS AND STREAMS ALONG WITH ROAD AND HIGHWAY FLOODING.

INCREASING SOUTHEASTERLY WINDS ALTHOUGH NOT OF HURRICANE FORCE ALONG COASTAL SECTIONS OR INLAND COULD HOWEVER BE OF SUFFICIENT VELOCITY TO UPROOT NUMEROUS TREES LOOSENERED BY CONTINUOUS HEAVY RAINS CREATING POWER OUTAGES AND POSSIBLE TRAFFIC TIEUPS.

TIDES WILL RANGE ABOUT 2 TO 3 FEET ABOVE NORMAL TONIGHT WHICH COULD CAUSE SOME FLOODING OF LOW LYING AREAS SUBJECT TO TIDAL FLOODING. TIDES BY MORNING SHOULD BE 2 TO 4 FEET ABOVE NORMAL AS DORIA APPROACHES SOUTHERN NEW ENGLAND BUT SINCE THE GREATEST DEPARTURE WILL OCCUR DURING THE PERIOD OF LOW TIDES TOMORROW MORNING LITTLE OR NO COASTAL FLOODING IS EXPECTED AT THAT TIME.

ALL INTERESTS SHOULD STAY TUNED TO RADIO OR TELEVISION FOR LATEST ADVISORIES AND LOCAL STATEMENTS.

LARO

STATEMENT 11:30 PM EDT FRIDAY AUGUST 27, 1971

FLASH FLOOD WATCH FOR CONNECTICUT, MASSACHUSETTS AND RHODE ISLAND

THE FLASH FLOOD WATCH IN EFFECT IN CONNECTICUT IS EXTENDED TO MASSACHUSETTS AND RHODE ISLAND. HEAVY RAINS ASSOCIATED WITH TROPICAL STORM DORIA ARE EXPECTED TO MOVE INTO SOUTHERN NEW ENGLAND DURING THE EARLY MORNING HOURS ON SATURDAY. ALL INTERESTS IN THIS AREA ARE ADVISED TO BE ALERT TO THE POSSIBILITY OF FLASH FLOODING OF SMALL STREAMS AS WELL AS URBAN AND STREET FLOODING. WARNING BULLETINS WILL BE ISSUED WHEN AND IF THE SITUATIONS REQUIRE THEM.

HOPKINS

STATEMENT 3:30 AM EDT SATURDAY AUGUST 28, 1971

AT 3 AM EDT INDICATIONS ARE THAT THE CENTER OF TROPICAL STORM DORIA WAS LOCATED NEAR LEWES, DELAWARE, AND CAPE MAY, NEW JERSEY, CONTINUING ALONG THE COAST TOWARDS NEW YORK CITY AND SOUTHERN NEW ENGLAND.

FLASH FLOOD WATCH CONTINUES FOR THE STATE OF CONNECTICUT AND A HURRICANE WATCH FOR NORTH JERSEY COAST, NEW YORK CITY, LONG ISLAND, SOUTHERN CONNECTICUT.

MODERATE TO HEAVY RAIN ASSOCIATED WITH DORIA HAS NOW SPREAD INTO THE NEW YORK CITY METROPOLITAN AREA AND AT THIS TIME WINDS ARE INCREASING AND GUSTING TO OVER 30 KNOTS AT KENNEDY INTERNATIONAL. LIGHT RAIN HAS ALSO STARTED AGAIN ALONG THE CONNECTICUT COAST AND WILL BECOME MODERATE TO HEAVY AT TIMES WITH THE POSSIBILITY STILL EXISTING OF LOCAL URBAN AND SMALL STREAM FLOODING THIS MORNING.

SOME PRECIPITATION TOTALS AS OF 2 PM THIS MORNING SINCE THE RAIN BEGAN LATE THURSDAY NIGHT ARE AS FOLLOWS:

CENTRAL PARK	4.17
LAGUARDIA	4 UP
NEWARK	5.96
PHILADELPHIA	5.23
ATLANTIC CITY	3.07
BRIDGEPORT	2.48
HARTFORD	1.78

ANOTHER SPECIAL STATEMENT WILL BE ISSUED BY 6:30 AM OR BEFORE IF ANY SIGNIFICANT CHANGES OCCUR. ALL INTERESTS SHOULD REMAIN ALERT AS DORIA APPROACHES SOUTHERN NEW ENGLAND AND KEEP TUNED TO THEIR RADIO OR TELEVISION.

LARO

STATEMENT 4:25 AM EDT SATURDAY AUGUST 28, 1971

THE HURRICANE WATCH HAS BEEN DISCONTINUED AT 4 AM EDT FOR COASTAL SECTIONS OF NORTHERN NEW JERSEY, NEW YORK CITY, LONG ISLAND, AND SOUTHERN CONNECTICUT.

AT 4 AM THIS MORNING TROPICAL STORM DORIA WAS LOCATED NEAR MILFILVILE, NEW JERSEY, AND MOVING NORTH NORTHEASTWARD AT 30 MPH. KEEP IN TOUCH WITH LATEST ADVISORIES AND BULLETINS. MORE DETAILS WILL FOLLOW SHORTLY.

FLASH FLOOD WATCH FOR CONNECTICUT IS STILL IN EFFECT.

LARO

FLASH FLOOD WARNING BULLETIN 5:30 AM EDT SATURDAY AUGUST 28, 1971

HEAVY RAINS IN EXCESS OF FOUR INCHES ARE EXPECTED DURING THE MORNING ALONG THE PATH OF TROPICAL STORM DORIA. THESE RAINS WILL CAUSE FLASH FLOODING OF SMALL STREAMS AND BROOKS DURING THE MORNING IN WESTERN CONNECTICUT, THE BERKSHIRES IN MASSACHUSETTS, AND ROCKLAND AND WESTCHESTER COUNTIES IN NEW YORK. THERE WILL ALSO BE WIDESPREAD URBAN STREET AND HIGHWAY FLOODING IN THESE AREAS. ALL INTERESTS IN THE VICINITY OF SMALL STREAMS AND BROOKS IN THESE AREAS ARE ADVISED TO TAKE NECESSARY PRECAUTIONS.

THE FLASH FLOOD WATCH CONTINUES IN EFFECT FOR THE REMAINDER OF MASSACHUSETTS AND CONNECTICUT AND FOR RHODE ISLAND.

IN ADDITION A FLASH FLOOD WATCH IS NOW IN EFFECT FOR VERMONT AND NEW HAMPSHIRE IN ANTICIPATION OF HEAVY RAINS SPREADING INTO THESE AREAS. INTERESTS IN THE WATCH AREAS SHOULD REMAIN ALERT TO THE POSSIBILITY OF FLASH FLOODING AND KEEP IN TOUCH WITH LATEST BULLETINS.

THE NEXT BULLETIN WILL BE ISSUED BY THIS OFFICE LATER THIS MORNING.

HOPKINS

STATEMENT 8 AM EDT SATURDAY AUGUST 28, 1971

BASED ON A LIMITED NUMBER OF REPORTS THE RAINFALL SO FAR RANGES FROM AROUND 1-1/2 INCHES IN EASTERN CONNECTICUT TO 5 INCHES TOWARD WESTERN CONNECTICUT.

REPORTS INCLUDE THE FOLLOWING TOTALS TO 7 AM:

BARKHAMSTED	3.3 INCHES
WATERBURY	5.0 INCHES
MANSFIELD HOLLOW	1.4 INCHES
MIDDLETOWN	2.4 INCHES
BRADLEY INTERNATIONAL AIRPORT	2.6 INCHES

AT 8 AM THE RAIN TOTAL AT BRADLEY HAD REACHED 2.8 INCHES AND WIND GUSTS WERE REACHING 47 MPH AT 8:06 AM.

LARO

STATEMENT 10:30 AM EDT SATURDAY AUGUST 28, 1971

FLASH FLOOD WARNINGS AND WATCH DISCONTINUED FOR ALL OF CONNECTICUT AND THE SPRINGFIELD AREA...STORM WARNINGS FOR THE CONNECTICUT COAST ARE DISCONTINUED.

THE REMAINS OF STORM DORIA WERE LOCATED IN NORTHWESTERN CONNECTICUT AT 10 AM EDT AND MOVING NORTHEASTWARD AT 30 TO 35 MPH TOWARD SOUTHWESTERN NEW HAMPSHIRE. HEAVY RAINS HAVE ENDED OVER CONNECTICUT AND THE SPRINGFIELD AREA AND HIGHEST WINDS HAVE PASSED.

LARO

PROVIDENCE, RHODE ISLAND

STATEMENT 9 AM EDT SATURDAY AUGUST 28, 1971

STRONG SOUTHEASTERLY WINDS HAVE BEEN GUSTING TO AS HIGH AS 60 MPH AT THE T. F. GREEN AIRPORT WITHIN THE PAST HOUR. THE WEATHER STATION AT BLOCK ISLAND REPORTED GUSTS TO 55 MPH AT 8 AM AND WIND GUSTS TO 75 MPH WERE REPORTED AT BRIDGEPORT, CONNECTICUT, EARLIER THIS MORNING.

THESE STRONG WINDS WILL CONTINUE FOR A FEW MORE HOURS THIS MORNING THEN BECOME MORE WESTERLY AND DIMINISH AS TROPICAL STORM DORIA NOW JUST NORTH OF NEW YORK CITY MOVES NORTH OF OUR LATITUDE.

TIDES ARE RUNNING 2 TO 3 FEET ABOVE NORMAL AT THE PRESENT TIME BUT ARE REMAINING WELL BELOW FLOOD LEVELS AND WILL PROBABLY SUBSIDE SOMEWHAT BEFORE THE TIME OF HIGH TIDE AT 1:54 THIS AFTERNOON.

BOSTON, MASSACHUSETTS

STATEMENT 11:30 AM EDT FRIDAY AUGUST 27, 1971

AT 10:30 AM EDT TROPICAL STORM DORIA WAS LOCATED ABOUT 80 MILES SOUTH SOUTHEAST OF WILMINGTON, NORTH CAROLINA. DORIA IS MOVING NORTHWARD AT ABOUT 20 MPH. THE STORM CENTER WILL MOVE NORTHWARD OR NORTH NORTHEASTWARD JUST INSIDE THE COAST LINE DURING THE NIGHT REACHING NEW ENGLAND TOMORROW MORNING.

THE MAIN THREAT FROM DORIA IS THE POSSIBILITY OF FLASH FLOODING OF SMALL STREAMS AND URBAN FLOODING OF STREETS AND CELLARS TONIGHT AND EARLY SATURDAY.

GALE WARNINGS ARE IN EFFECT ALONG THE NEW ENGLAND COAST AS FAR NORTH AS ROCKLAND, MAINE, FOR INCREASING EAST TO SOUTHEAST WINDS BECOMING 30 TO 40 KNOTS AND HIGHER IN GUSTS. SMALL CRAFT WARNINGS ARE IN EFFECT FROM ROCKLAND, MAINE, TO EASTPORT. TIDES WILL BE 2 TO 3 FEET ABOVE NORMAL. SMALL CRAFT SHOULD REMAIN IN SAFE HARBOR.

ALL INTEREST SHOULD REMAIN ALERT FOR LATEST ADVISORIES, BULLETINS, AND LOCAL STATEMENTS ON THIS STORM.

THE NEXT STATEMENT ON THIS STORM WILL BE ISSUED AT 3 PM.

PIERCE

STATEMENT 3 PM EDT FRIDAY AUGUST 27, 1971

ON TROPICAL STORM DORIA FOR MASSACHUSETTS AND RHODE ISLAND.

TROPICAL STORM DORIA HAS MOVED IN ON THE NORTH CAROLINA COAST ABOUT 40 MILES NORTHEAST OF WILMINGTON. IT IS MOVING SLIGHTLY EAST OF NORTH 20 TO 25 MPH. INDICATIONS ARE THAT IT WILL MOVE NORTH NORTHEASTWARD VERY CLOSE TO THE COAST LINE. HOWEVER IF IT TAKES A TRACK MORE TO THE RIGHT IT WILL MOVE OVER THE WATER AND MAY INTENSIFY. GALE WARNINGS ARE NOW IN EFFECT NORTHWARD TO ROCKLAND, MAINE. THERE IS A POSSIBILITY THAT GALE WARNINGS WILL BE CHANGED TO STORM WARNINGS IF IT TRACKS OUT OVER THE OCEAN.

THERE IS A THREAT OF FLASH FLOODING FOR SMALL STREAMS AND URBAN FLOODING OF CELLARS AND STREETS TONIGHT AND EARLY SATURDAY.

SMALL CRAFT SHOULD REMAIN IN SAFE HARBOR UNTIL TROPICAL STORM DORIA HAS PASSED EAST OF NEW ENGLAND.

ALL INTERESTS ALONG THE RHODE ISLAND AND MASSACHUSETTS COASTS ESPECIALLY FROM WATCH HILL EASTWARD THROUGH CAPE COD AND THE ISLANDS AND THOSE NEAR SMALL STREAMS SHOULD REMAIN ALERT FOR THE LATEST ADVISORIES BULLETINS AND LOCAL STATEMENTS AND BE PREPARED TO TAKE IMMEDIATE ACTION FOR THE SAFETY OF LIFE AND PROPERTY IN CASE TROPICAL STORM DORIA INTENSIFIES.

PIERCE

STATEMENT 5 PM EDT FRIDAY AUGUST 27, 1971

A HURRICANE WATCH HAS BEEN PUT INTO EFFECT FOR THE CONNECTICUT, RHODE ISLAND AND MASSACHUSETTS COASTS NORTHWARD TO CAPE ANN. STORM WARNINGS ARE IN EFFECT ALONG THE NEW ENGLAND COAST NORTHWARD TO PORTSMOUTH, NEW HAMPSHIRE, FOR WINDS OF 45 TO 55 KNOTS WITH HIGHER GUSTS. GALE WARNINGS ARE IN EFFECT FROM PORTSMOUTH TO EASTPORT, MAINE. TIDES WILL BE 3 TO 5 FEET ABOVE NORMAL IN THE STORM WARNING AREA. SEAS WILL BE ROUGH.

PERSONS ALONG THE COAST SHOULD BE ON THE ALERT TO TAKE IMMEDIATE ACTION FOR THE SAFETY OF LIFE AND OF PROPERTY IN THE EVENT THAT HURRICANE WARNINGS ARE MADE EFFECTIVE THIS EVENING.

RAINFALL WILL BE HEAVY AT TIMES IN THE NEW ENGLAND AREA AND THERE WILL BE SOME URBAN FLOODING OF STREETS AND CELLARS. THERE IS A GOOD POSSIBILITY OF FLASH FLOODING ALONG THE SMALLER STREAMS.

PIERCE

STATEMENT 8:30 PM EDT FRIDAY AUGUST 27, 1971

THE HURRICANE WATCH REMAINS IN EFFECT FOR THE CONNECTICUT, RHODE ISLAND AND MASSACHUSETTS COASTS NORTHWARD TO CAPE ANN, MASSACHUSETTS.

STORM WARNINGS ARE IN EFFECT ALONG THE NEW ENGLAND COAST FROM PORTSMOUTH, NEW HAMPSHIRE, SOUTHWARD FOR WINDS OF 45 TO 55 KNOTS 52 TO 63 MPH WITH HIGHER GUSTS. TIDES WILL BE 3 TO 5 FEET ABOVE NORMAL IN THE STORM WARNING AREA. HEAVY SURF AND SOME FLOODING OF LOW LYING COASTAL AREAS MAY BE EXPECTED. SEAS WILL BE ROUGH.

PERSONS ALONG THE COAST SHOULD REMAIN ALERT TO TAKE IMMEDIATE ACTION FOR THE SAFETY OF LIFE AND PROPERTY IN THE EVENT THAT HURRICANE WARNINGS ARE ISSUED THIS EVENING OR TONIGHT.

RAINFALL WILL BE HEAVY AT TIMES IN THE NEW ENGLAND AREA AND SOME FLOODING OF URBAN STREETS AND CELLARS WILL OCCUR. FLASH FLOODING OF SMALLER STREAMS MAY OCCUR.

HEAVY RAINS HAVE BEEN REPORTED FROM THE WASHINGTON, D.C., AREA NORTHWARD TO NEW YORK CITY AND INTO SOUTHERN NEW ENGLAND. RAINFALL IN EXCESS OF 5 INCHES IN 24 HOURS FELL IN THE WASHINGTON AND NEWARK, NEW JERSEY, AREAS. WINDS OF 58 MPH OCCURRED THIS EVENING IN THE CHESAPEAKE BAY AREA. ANOTHER STATEMENT WILL BE ISSUED BY THE BOSTON WEATHER SERVICE BEFORE MIDNIGHT TONIGHT.

TENENBAUM

STATEMENT 11:30 PM EDT FRIDAY AUGUST 27, 1971

FOR MASSACHUSETTS AND RHODE ISLAND.

THE HURRICANE WATCH CONTINUES FOR THE COASTS OF CONNECTICUT...RHODE ISLAND AND MASSACHUSETTS NORTHWARD TO CAPE ANN.

STORM WARNINGS REMAIN IN EFFECT ALONG THE NEW ENGLAND COAST NORTHWARD TO PORTSMOUTH, NEW HAMPSHIRE, FOR WINDS OF 45 TO 55 KNOTS...52 TO 63 MPH...WITH HIGHER GUSTS. TIDES WILL BE 3 TO 5 FEET ABOVE NORMAL IN THE STORM WARNING AREA. HEAVY SURF AND SOME FLOODING OF LOW LYING COASTAL AREAS CAN BE EXPECTED. SEAS WILL BE ROUGH.

PERSONS ALONG THE COAST SHOULD REMAIN ALERT FOR IMMEDIATE ACTION FOR SAFETY OF LIFE AND PROPERTY IN THE EVENT THAT HURRICANE WARNINGS ARE ISSUED TONIGHT. THE STORM IS STILL POTENTIALLY DANGEROUS.

RAINFALL WILL BE HEAVY AT TIMES IN SOUTHERN NEW ENGLAND AND SOME FLOODING OF URBAN STREETS AND CELLARS WILL OCCUR. FLASH FLOODING OF SMALLER STREAMS COULD OCCUR.

THERE HAVE BEEN REPORTS OF HEAVY RAINS...IN EXCESS OF 5 INCHES...IN 24 HOURS...TO THE SOUTH OF NEW ENGLAND...AND SUCH AMOUNTS COULD OCCUR IN EXTREME SOUTHERN NEW ENGLAND AFTER MIDNIGHT TONIGHT.

THERE HAVE BEEN NO REPORTS AS YET OF WINDS REACHING HURRICANE FORCE IN THIS STORM BUT THEY COULD REACH THAT SPEED IN SQUALLS AS THE STORM NEARS THE NEW ENGLAND COAST. THE WINDS SHOULD BEGIN TO INCREASE BEFORE DAYBREAK SATURDAY AND REACH MAXIMUM VELOCITY BEFORE NOON.

ANOTHER STATEMENT ON STORM DORIA WILL BE ISSUED BY THE BOSTON WEATHER SERVICE AFTER MIDNIGHT TONIGHT.

TENENBAUM

STATEMENT 1:30 AM EDT SATURDAY AUGUST 28, 1971

FOR MASSACHUSETTS AND RHODE ISLAND.

THE HURRICANE WATCH CONTINUES FOR THE COASTS OF CONNECTICUT, RHODE ISLAND AND MASSACHUSETTS.

STORM WARNINGS REMAIN IN EFFECT ALONG THE NEW ENGLAND COAST NORTHWARD TO PORTSMOUTH, NEW HAMPSHIRE, FOR WINDS OF 45 TO 55 KNOTS...52 TO 63 MPH....TIDES WILL BE 3 TO 5 FEET ABOVE NORMAL IN THE STORM WARNING AREA. HEAVY SURF AND SOME FLOODING OF LOW LYING COASTAL AREAS CAN BE EXPECTED. SEAS WILL BE ROUGH.

PERSONS ALONG THE COAST SHOULD REMAIN ALERT FOR IMMEDIATE PROTECTION OF LIFE AND PROPERTY IN THE EVENT THAT HURRICANE WARNINGS ARE ISSUED.

A FLASH FLOOD WATCH IS IN EFFECT FOR SMALL STREAMS. RAINFALL HAS TAPERED OFF IN NEW ENGLAND AT THE PRESENT TIME BUT WILL BECOME HEAVY AGAIN AS DORIA APPROACHES NEW ENGLAND LATER THIS MORNING.

WINDS OF 67 MPH WITH GUSTS TO 78 MPH WERE REPORTED ON THE DELAWARE COAST NEAR THE STORM CENTER AT 1 AM THIS MORNING.

ANOTHER STATEMENT ON STORM DORIA WILL BE ISSUED BY BOSTON WEATHER SERVICE AROUND 5 AM.

PIERCE

STATEMENT 4 AM EDT SATURDAY AUGUST 28, 1971

FOR MASSACHUSETTS AND RHODE ISLAND.

THE HURRICANE WATCH HAS BEEN DISCONTINUED.

STORM WARNINGS WILL BE CHANGED TO GALE WARNINGS FROM PORTSMOUTH, NEW HAMPSHIRE, TO BLOCK ISLAND, RHODE ISLAND, AT 5 AM. WINDS WILL BE EAST TO SOUTHEAST 30 TO 40 MPH SHIFTING TO SOUTH TO SOUTHWEST DURING THE DAY. TIDES WILL BE ONLY 1 TO 2 FEET ABOVE NORMAL.

THE DANGER OF HURRICANE WINDS ALONG THE RHODE ISLAND AND MASSACHUSETTS COASTS HAS PASSED. HOWEVER SURF WILL BE HIGH AND PEOPLE SHOULD USE CAUTION ON THE BEACHES AND SMALL CRAFT SHOULD NOT VENTURE FAR FROM SAFE HARBOR UNTIL SEAS HAVE SUBSIDED.

RAINFALL WILL BE HEAVY ESPECIALLY IN WESTERN MASSACHUSETTS AND A FLASH FLOOD WATCH IS IN EFFECT FOR SMALL STREAMS.

AT 4 AM TROPICAL STORM DORIA WAS IN SOUTHERN NEW JERSEY WEST OF ATLANTIC CITY. IT WILL CONTINUE TO MOVE NORTHWARD THROUGH THE STATE. SINCE THIS STORM IS MOVING OVER LAND THERE IS NO FURTHER THREAT OF INTENSIFICATION.

ANOTHER STATEMENT ON TROPICAL STORM DORIA WILL BE ISSUED BY THE BOSTON WEATHER SERVICE OFFICE AROUND 7 AM.

PIERCE

STATEMENT 6 AM EDT SATURDAY AUGUST 28, 1971

FLASH FLOOD WARNING FOR MASSACHUSETTS.

A FLASH FLOOD WARNING IS IN EFFECT FOR THE BERKSHIRES, AND A FLASH FLOOD WATCH REMAINS IN EFFECT FOR THE REMAINDER OF MASSACHUSETTS. HEAVY RAINS IN EXCESS OF 4 INCHES ARE EXPECTED THIS MORNING ALONG THE PATH OF TROPICAL STORM DORIA IN WESTERN NEW ENGLAND.

ALL INTERESTS IN THE VICINITY OF SMALL STREAMS ARE ADVISED TO TAKE NECESSARY PRECAUTIONS.

PIERCE

STATEMENT 6:30 AM EDT SATURDAY AUGUST 28, 1971

FOR MASSACHUSETTS AND RHODE ISLAND.

THE HURRICANE WATCH WAS DISCONTINUED AT 4 AM.

GALE WARNINGS ARE IN EFFECT FROM EASTPORT TO BLOCK ISLAND FOR EAST TO SOUTHEAST WINDS 30 TO 40 KNOTS WITH HIGHER GUSTS. TIDES WILL BE 1 TO 2 FEET ABOVE NORMAL. HOWEVER SURF WILL BE HIGH AND SEAS ROUGH. PEOPLE SHOULD USE CAUTION ON THE BEACHES AND SMALL CRAFT SHOULD NOT VENTURE FROM SAFE HARBOR UNTIL SEAS HAVE SUBSIDED.

A FLASH FLOOD WARNING IS IN EFFECT FOR THE BERKSHIRES AND A FLASH FLOOD WATCH IS IN EFFECT FOR ELSEWHERE IN NEW ENGLAND. RAINS IN EXCESS OF 4 INCHES ARE EXPECTED IN THE PATH OF DORIA THROUGH WESTERN NEW ENGLAND. ALL INTERESTS IN THE VICINITY OF SMALL STREAMS ARE ADVISED TO TAKE NECESSARY PRECAUTIONS.

AT 6 AM THE CENTER OF TROPICAL STORM DORIA WAS LOCATED IN NORTHERN NEW JERSEY MOVING NORTH NORTHEASTWARD AT ABOUT 35 MPH.

BRIDGEPORT, CONNECTICUT, REPORTED A WIND GUST OF 75 MPH SHORTLY AFTER 6 AM.

THE NEXT BULLETIN OR ADVISORY ON TROPICAL STORM DORIA WILL BE ISSUED BY THE BOSTON FORECAST OFFICE AT 8 AM.

PIERCE

### BURLINGTON, VERMONT

STATEMENT 6 AM EDT SATURDAY AUGUST 28, 1971

FLASH FLOOD ALERT IS IN EFFECT FOR VERMONT. MOST LARGER STREAMS AND RIVERS IN THE STATE REQUIRE LARGE AMOUNTS, ABOUT 5 INCHES IN A 3 TO 6 HOUR PERIOD, OF PRECIPITATION FOR FLASH FLOODING TO OCCUR. SOME FLOODING MIGHT OCCUR IN TOWNS HAVING STREETS WITH POOR DRAINAGE, AND PERSONS LIVING OR CAMPING NEAR SMALLER BROOKS AND STREAMS, ESPECIALLY IN THE SOUTHERN PORTIONS OF THE STATE, SHOULD BE ALERT FOR MINOR FLASH FLOODING. IT IS ADVISED THAT INTERESTED PERSONS KEEP POSTED TO LATER FORECAST ON THEIR LOCAL RADIO STATION.

ALL OF VERMONT IS EXPECTED TO EXPERIENCE RAIN, HEAVY AT TIMES AS THIS STORM WORKS ITS WAY NORTHEASTWARD. MOST HEAVY PRECIPITATION WILL BE CONFINED TO THE SOUTHERN AND EASTERN PORTIONS OF THE STATE WITH SOME HIGH WINDS IN AREAS THAT FAVOR EASTERLY EXPOSURE.

AS DORIA MOVES RAPIDLY NORTHEAST THIS AFTERNOON SOME SHOWERS WILL LINGER, BECOMING PARTLY CLOUDY TONIGHT AND SUNDAY. THE OUTLOOK FOR MONDAY IS FOR FAIR WEATHER.

STATEMENT 6:15 AM EDT SATURDAY AUGUST 28, 1971

FLASH FLOOD WATCH IS NOW IN EFFECT FOR VERMONT.

DORIA NOW IN CENTRAL NEW JERSEY AND MOVING NORTHEAST AT 30 MPH. IN ANTICIPATION OF HEAVY RAINS SPREADING INTO VERMONT SOME FLASH FLOODING IS EXPECTED. INTERESTS IN VERMONT SHOULD REMAIN ALERT TO THE POSSIBILITY OF FLASH FLOODING AND KEEP IN TOUCH WITH LATEST BULLETINS.

THE NEXT BULLETIN WILL BE ISSUED BY THIS OFFICE LATER THIS MORNING.

JAMES

STATEMENT 8:30 AM EDT SATURDAY AUGUST 28, 1971

A FLASH FLOOD WATCH IS IN EFFECT FOR VERMONT.

TROPICAL STORM DORIA IS CENTERED NEAR BRIDGEPORT, CONNECTICUT, AT 8 AM AND MOVING NORTHEASTWARD. IN ANTICIPATION OF HEAVY RAINS IN VERMONT SOME FLASH FLOODING OF STREAMS AND BROOKS IS POSSIBLE.

INTEREST IN VERMONT AND ESPECIALLY CAMPERS AND THOSE LIVING NEAR STREAMS SHOULD REMAIN ALERT TO THE POSSIBILITY OF FLASH FLOODING AND KEEP IN TOUCH WITH LATER FORECASTS AND BULLETINS.

STATEMENT NOON EDT SATURDAY AUGUST 28, 1971

A FLASH FLOOD WATCH REMAINS IN EFFECT.

AT NOON TROPICAL STORM DORIA WAS LOCATED OVER SOUTHERN NEW HAMPSHIRE AND MOVING NORTHEASTWARD. AT ITS CURRENT MOVEMENT IT WILL PASS OVER MAINE THIS AFTERNOON. HEAVY RAINS WILL CONTINUE OVER VERMONT TILL MIDAFTERNOON AND WILL THEN TAPER OFF AND END THIS EVENING.

RAINFALL AS OF NOON HAS TOTLED NEARLY TWO INCHES AT BURLINGTON AND HEAVY RAIN STILL FALLING. TOTAL RAINS OVER SOUTHERN VERMONT ARE 3 TO 5 INCHES WITH MINOR FLOODING REPORTED ALONG SOME RURAL ROADS. SOME FLASH FLOODING IS STILL POSSIBLE THIS AFTERNOON ALONG MINOR STREAMS BUT NO FLOODING WILL OCCUR ALONG THE MAJOR RIVERS OF VERMONT.

IT IS ADVISED THAT CAMPERS AND PERSONS LIVING NEAR STREAMS KEEP ABREAST OF CONDITIONS THIS AFTERNOON AS WELL AS KEEPING POSTED TO LATER FORECASTS AND STATEMENTS ISSUED FROM THE NATIONAL WEATHER SERVICE OFFICE IN BURLINGTON.

HUMMER

STATEMENT 2:30 PM EDT SATURDAY AUGUST 28, 1971

THE FLASH FLOOD WATCH FOR VERMONT HAS BEEN CANCELLED.

AT 2 PM EDT TROPICAL STORM DORIA WAS CENTERED OVER EASTERN NEW HAMPSHIRE AND MOVING ON A NORTHEAST JOURNEY THROUGH MAINE. RAINS HAVE LIGHTENED CONSIDERABLY OVER THE STATE THE PAST HOUR OR SO AND MOST RAINS SHOULD END BY EVENING.

A TOTAL OF NEARLY 2.5 INCHES HAS BEEN MEASURED AT THE WEATHER OFFICE IN BURLINGTON.

SOME FLOODING HAS BEEN REPORTED IN THE HUNTINGTON CENTER AREA THIS PAST HOUR WITH WATER STANDING ON RURAL ROADS AS WELL AS SOME FLOODING IN A SMALL TRAILER PARK.

SOME SPOTTY MINOR FLOODING IS STILL ANTICIPATED THIS AFTERNOON OVER THE LOWLANDS AND ALONG SMALL STREAMS BUT SINCE THE RAINS ARE CEASING THE FLASH FLOOD WATCH IS CANCELLED AS OF 2:30 PM EDT.

THIS WILL BE THE FINAL STATEMENT ON THIS STORM FROM THIS OFFICE.

HUMMEL

PORLTAND, MAINE

STATEMENT 9 AM EDT SATURDAY AUGUST 28, 1971

TROPICAL STORM DORIA WAS LOCATED AT 8 AM THIS MORNING ABOUT 15 MILES NORTH OF NEW YORK CITY, MOVING NORTH-NORTHEASTWARD AT 35 MPH. HEAVY RAIN IN EXCESS OF 4 INCHES NEAR THE CENTER OF THIS STORM HAS PROMPTED FLASH FLOOD WARNINGS FOR PORTIONS OF CONNECTICUT AND MASSACHUSETTS AND A FLASH FLOOD WATCH IS IN EFFECT FOR THE REMAINDER OF NEW ENGLAND EXCEPT MAINE. HOWEVER, MODERATE TO HEAVY RAINS DURING THE DAY WILL PROBABLY CAUSE SOME LOCAL FLOODING OF SMALL STREAMS AROUND THE STATE OF MAINE. THE PORTLAND AIRPORT HAS RECORDED 1.33 INCHES OF RAIN SINCE EARLY YESTERDAY AFTERNOON.

GALE WARNINGS REMAIN DISPLAYED ALONG THE MAINE COAST. TIDES WILL RUN 3 TO 5 FEET ABOVE NORMAL AND MINOR FLOODING IN LOW COASTAL SECTIONS IS EXPECTED AT HIGH TIDE THIS AFTERNOON. SURF WILL BE HIGH ALONG THE MAINE COAST DURING TODAY.

DORIA SHOULD TURN MORE NORTHEASTERLY DURING THE DAY, AND THE FORECAST TRACK SHOULD BRING THE STORM CENTER THROUGH CENTRAL MAINE THIS AFTERNOON AND INTO NEW BRUNSWICK PROVINCE TONIGHT. WINDS OF 40 TO 60 MPH HAVE BEEN REPORTED AROUND THE NEW YORK CITY AREA THIS MORNING NEAR THE STORM CENTER. THESE WINDS WILL BE DIMINISHING TODAY AS DORIA MOVES THROUGH NEW ENGLAND.

STATEMENT 10:30 AM EDT SATURDAY AUGUST 28, 1971

AT 10 AM THIS SATURDAY MORNING THE CENTER OF THE TROPICAL STORM DORIA WAS JUST WEST OF HARTFORD, CONNECTICUT, AND MOVING TOWARDS THE NORTHEAST AT 30 MPH. THE STORM IS EXPECTED TO CONTINUE ALONG THIS SAME TRACK. THIS WILL PUT THE CENTER OF THE STORM BETWEEN WOLFEBORO, NEW HAMPSHIRE, AND SANFORD, MAINE, AROUND 4 PM THIS AFTERNOON AND BETWEEN RUMFORD AND AUGUSTA AROUND 6 TO 7 PM THIS EVENING. RAINS ARE PRINCIPALLY IN THE NORTHERN SEMICIRCLE OF THE STORM. THUS RAINS WILL END AND CLOUDS BREAK IN SOUTHERN MAINE LATE THIS AFTERNOON WITH THIS CONDITION SPREADING NORTHWARD THROUGH THE STATE THIS EVENING AND TONIGHT. TOMORROW A FEW SHOWERS WILL LINGER IN THE NORTHERN MOUNTAINS OF NEW HAMPSHIRE AND WESTERN AND NORTHERN MOUNTAINS OF MAINE. THE REST OF THE AREA WILL HAVE SUNSHINE.

SINCE THIS STORM CENTER HAS REMAINED OVER LAND...ON THE COASTAL PLAIN...IT HAS NOT DEVELOPED BEYOND A TROPICAL STORM. FOR MAINE WE HAVE AND WILL RECEIVE BENEFICIAL RAINS. IT WILL BE RATHER WINDY THIS AFTERNOON AND EVENING BUT NOTHING SERIOUS.

RIGNEY

STATEMENT NOON EDT SATURDAY AUGUST 28, 1971

GALE WARNINGS REMAIN IN EFFECT FOR THE MAINE COAST.

AT NOON THE TROPICAL STORM DORIA WAS CENTERED 30 MILES NORTH OF CHICOPEE FALLS, MASSACHUSETTS, AND CONTINUING TO MOVE NORTHEAST AT 32 MPH. THE CENTER OF THE STORM WILL CROSS INTO SOUTHERN MAINE NEAR SANFORD BETWEEN 3 AND 4 THIS AFTERNOON...BETWEEN RUMFORD AND AUGUSTA 5 TO 6 THIS AFTERNOON AND CROSS INTO NEW BRUNSWICK NORTHEAST OF HOUOTON 9 TO 10 PM TONIGHT. STRONG GUSTY WINDS AND RAINS ARE PRINCIPALLY IN THE NORTHERN SEMICIRCLE. IN THE PAST FEW HOURS BOSTON HAS REPORTED WINDS OF 55 MPH AND PEASE AIR FORCE BASE AT PORTSMOUTH WINDS UP TO 58 MPH. RAINS GENERALLY ARE IN THE LIGHT TO MODERATE CATEGORY.

IN SOUTHERN MAINE WINDS ARE INCREASING AS THE TROPICAL STORM APPROACHES. THEY WILL CONTINUE TO INCREASE THIS AFTERNOON AND THEN BEGIN TO DIMINISH THIS EVENING AS THE STORM MOVES FROM CENTRAL MAINE INTO NEW BRUNSWICK. IN TURN WINDS WILL INCREASE IN CENTRAL AND NORTHERN MAINE AS THE STORM APPROACHES THOSE AREAS. WINDS UP TO 40 TO 50 MPH MAY BE EXPERIENCED BRIEFLY.

CLEARING WILL SPREAD NORTHWARD THROUGH THE STATE DURING THE NIGHT WITH BRIEF SHOWERS LINGERING OVER THE WESTERN AND NORTHERN MOUNTAIN AREAS TOMORROW.

HIGH TIDE AT PORTLAND THIS AFTERNOON IS AT 4.42...TIDES WILL BE 2 TO 3 FEET ABOVE NORMAL. SEAS ARE ROUGH OFFSHORE. SURF REMAINS HIGH ALONG THE COAST.

RIDNEY

STATEMENT 2:30 PM EDT SATURDAY AUGUST 28, 1971

GALE WARNINGS CONTINUED ALONG THE COAST.

THE CENTER OF THE TROPICAL STORM DORIA AT 2 PM WAS LOCATED 30 MILES NORTH OF CONCORD, NEW HAMPSHIRE. IT CONTINUES TO MOVE TOWARDS THE NORTHEAST WITH THE PRESENT SPEED OF ABOUT 35 MPH. THIS WILL PUT THE CENTER JUST WEST OF AUGUSTA 4 TO 5 PM AND THEN THE STORM WILL CROSS INTO NEW BRUNSWICK EAST OF HOUOTON BETWEEN 8 AND 9 PM THIS EVENING.

STRONGEST WINDS ARE REPORTED 50 TO 55 MPH. STRONGEST WINDS RECORDED AT PORTLAND HAVE BEEN 45 MPH.

RAINS HAVE GENERALLY ENDED ALONG THE COASTAL PLAIN FROM PORTLAND SOUTH. SKIES ARE PARTLY CLOUDY FROM CONCORD AND PORTSMOUTH SOUTH.

THE SURF WILL REMAIN HIGH ALONG THE COAST. SEAS OFFSHORE ARE ROUGH.

DORIA WILL CONTINUE OVER LAND AND TO ACCELERATE TOWARDS THE NORTHEAST AND DIMINISH IN INTENSITY.

AS MENTIONED IN THE REVISED PORTLAND FORECAST...THE SUN WILL BE OUT IN PORTLAND LATE THIS AFTERNOON.

RIGNEY

STATEMENT 4:30 PM EDT SATURDAY AUGUST 28, 1971

GALE WARNINGS IN EFFECT ALONG THE COAST. GALE WARNINGS WILL BE LOWERED AT 6 PM THIS EVENING.

TROPICAL STORM DORIA WAS LOCATED AT 4 PM JUST WEST OF RUMFORD. IT CONTINUES TO WEAKEN AND ACCELERATE TOWARDS THE NORTHEAST. STRONGEST WINDS OF 30 TO 45 MPH ARE OCCURRING IN SOUTHERN AND CENTRAL MAINE. BANGOR WAS REPORTING 45 MPH WINDS AT 4 PM. RAINS ARE CONTINUING IN THE WESTERN MOUNTAINS AND THROUGH THE NORTHERN SECTION OF MAINE.

SEAS OFFSHORE ARE ROUGH BUT WILL BEGIN TO SUBSIDE DURING THE NIGHT.

THE STORM CONTINUES TO WEAKEN WITH THE REMAINS MOVING INTO NEW BRUNSWICK EARLY TONIGHT.

IN MAINE PRELIMINARY REPORTS INDICATE STORM DAMAGE WAS CONFINED TO TREES FALLING MAINLY ACROSS UTILITY WIRES. RAINS WERE BENEFICIAL AND NOT EXCESSIVE.

THIS IS THE LAST BULLETIN ON THIS STORM.

RIGNEY