



# Situation Report of National Highway Network

## Monsoon Rains/Flood 2016

From 1600 hrs 25<sup>th</sup> August 2016 to 1600 hrs 26<sup>th</sup> August 2016

Update on weather / rainfall and flood as taken from Pakistan Meteorological Department on 26<sup>th</sup> August 2016 is at glance. Pakistan Meteorological Department has informed that scattered thunderstorm/rain with isolated heavy falls is expected over the upper catchments of river Jhelum along with Rawalpindi Division. Scattered thunderstorm/rain is expected over the upper catchments of rivers Ravi, Chenab & Sutlej along with Bahawalpur, Multan, D.G.Khan, Faisalabad, Gujranwala & Peshawar Divisions and Southeast Sindh. Isolated thunderstorm/rain is expected over the upper catchments of Rivers Indus & Kabul along with Northeast Balochistan, Lahore, Malakand & Hazara Divisions.

The Flood forecast detail is as under:-

**BULLETIN No. B-073/16**  
**I: WEATHER/RAINFALL FORECAST FOR NEXT 24-HRS:**

**Dated: - 26<sup>th</sup> -August, 2016**  
**Time: - 11:15 hours (PST)**

RIVERS	Upper Catchments (Above Rim Stations)	Lower Catchments (Below Rim Stations)	<u>DAMS POSITION (0600 PST)</u>
INDUS	Isolated thunderstorm/rain	Scattered thunderstorm/rain (Rawalpindi Division)	<b>TARBELA Level: - 1541.71 Feet</b> <b>Max. Conservation Level: 1550.00 Feet</b>  <b>MANGLA Level: - 1239.50 Feet</b> <b>Max Conservation Level: 1242.00 Feet</b>
JHELUM	Scattered thunderstorm/rain	-do- (Sargodha Division)	
CHENAB	-do-	-do- (Gujranwala Division)	
RAVI	-do-	Isolated thunderstorm/rain (Lahore Division)	
SUTLEJ	-do-	Scattered thunderstorm/rain (Bahawalpur Division)	

**II: QUANTITATIVE FLOOD FORECAST OF GAUGING STATIONS (IN THOUSANDS OF CUSECS)**

RIVERS	Stations	Design Capacity	Actual Observations at 0600 PST		Quantitative Forecast for Next 24-hrs. ( Inflow )	Forecasted Flood Level ( Inflow )	Danger Level (Very High Flood)
			Inflow	Outflow			
INDUS	Tarbela	1500	130.0	98.9	120-130	Below Low	650
	Kalabagh	950	130.0	122.4	No significant change	-do-	650
	Chashma	950	163.9	157.7	-do-	-do-	650
	Taunsa	1100	146.4	129.4	-do-	-do-	650
	Guddu	1200	145.1	124.1	-do-	-do-	700
	Sukkur	1500	115.0	61.1	-do-	-do-	700
	Kotri	875	79.9	60.5	-do-	-do-	650
KABUL	Nowshera	-	18.9	18.9	-do-	-do-	200
JHELUM	Mangla	1060	21.0	60.2	20-70 (Sharp Peak of Medium to High Flood)	-do-	-do-
	Rasul	850	46.9	30.3	40-55	-do-	225
CHENAB	Marala	1100	52.6	22.2	45-65	-do-	400
	Khanki	800	18.4	9.7	No significant change	-do-	400
	Qadirabad	807	23.4	5.4	-do-	-do-	400
	Trimmu	645	20.5	7.8	-do-	-do-	450
	Punjnad	700	26.9	11.2	-do-	-do-	450
RAVI	Jassar	275	9.3	9.3	-do-	-do-	150
	Shahdara	250	29.3	29.3	-do-	-do-	135
	Balloki	225	43.4	11.9	-do-	-do-	135
	Sidhnai	150	14.5	0.0	-do-	-do-	90
SUTLEJ	G.S.Wala	--	8.0 (Gauge in Feet)		-do-	-do-	25.3 (Feet)
	Sulemanki	325	18.4	6.1	-do-	-do-	175
	Islam	300	1.7	0.0	-do-	-do-	175

Isolated= 20 to 30% of area    Scattered= 30 to 50% of area  
Widespread= 90 to 100% of area  
R= Rising & F= Falling



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### **I: HYDROLOGICAL SITUATION**

According to latest Hydrological situation, all the major rivers are flowing in their state of Normal flow.

### **II: METEOROLOGICAL FEATURES**

- a) Yesterday's Monsoon Low over Northwest Rajasthan has dissipated. A fresh Monsoon Low has developed over Northwest Bay of Bengal.
- b) Yesterday's Shallow trough of Westerly wave over Kashmir and adjoining area has moved away Eastwards and a fresh trough of Westerly wave lies over Northern parts of Afghanistan.
- c) Weak Seasonal Low lies over Northeast Balochistan.
- d) Moist current is penetrating upper parts of the country upto 5000 feet.

### **III: WEATHER OUTLOOK FROM 27<sup>th</sup> August TO 28<sup>th</sup> August 2016**

Scattered thunderstorm/rain with isolated heavy falls is expected over the upper catchments of all the major Rivers along with most parts of the country (except West Balochistan). There is chance to increase in flows of Hill Torrents of D.G.Khan Division & Nullahs of Rivers Ravi and Chenab. Sharp peaks of Medium to High are expected in River Jhelum at Mangla (Upstream).

## **Province-wise Situation Report for NH network;**

Route wise updated status of rain / flood damages in different regions as intimated by Regional Offices is as below:

### **Khyber Pakhtunkhwa Regional Office**

N-5, N-45, N-50, N-55, N-80, N-90, & N-95 falling in Khyber Pakhtunkhwa are open for all types of traffic.

### **Northern Areas Regional Office**

N-15, N-35 (KKH), S-2 and S-3 falling in Northern Areas. All roads are open for all types of traffic.

### **Gilgit-Baltistan Regional Office**

N-15, N-35 (KKH) and S-1 falling in Gilgit-Baltistan region are open for all types of traffic.

### **Punjab North Regional Office**

N-5, N-75, and N-80 falling in Punjab North are open for all type of traffic.

### **Punjab South Regional Office**

N-5, N-5A, N-55 and N-70 falling in Punjab South are open for all types of traffic.



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### Sindh North Regional Office

N-5, N-20, N-55, N-65, N-455, M-8 falling in Sindh North are open for all types of traffic.

### Sindh South Regional Office

N-5 KTHH, N-5, N-25, N-55, N-110, N-120, M-9 and M-10 falling in Sindh South are open for all types of traffic.

### Balochistan North (Quetta) Regional Office

N-25, N-40, N-50, N-65 and N-70 falling in Balochistan North are open for all types of traffic.

### Balochistan South (Khuzdar) Regional Office

N-10 (Makran Coastal Highway) and N-25 falling Balochistan South are open for all types of traffic.

### Motorways (M-1, M-2 & M-3) Regional Office

M-1, M-2 & M-3 are open for all types of traffic. Discharge at Indus Bridge & Jindi Bridge on M-1 & Jhelum Bridge on M-2 is monitored.

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**NOTE: As reported by NHA field formation, contractor all along vulnerable points have been put on alert along with machinery to cater for any emergency.**

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