MOST IMMEDIATE / BY FAX



F.2 (E)/2024-NDMA (MW/SITREP-55) Government of Pakistan Prime Minister's Office National Disaster Management Authority (HQ) Main Murree Road Near ITP Office, Islamabad



Dated: 24 August 2024

Subject: NDMA - Monsoon 2024 Daily Situation Report No. 55

NDMA Monsoon 2024 Daily Situation Report No **55**, covering period from **1300 hours 23 August to 1300 hours 24 August 2024** is enclosed for information / necessary action, please.

(Hammad Sadiq Rana) (Director (Response)

Tel No: 051-9030924 Fax No: 051-9030729

To: Federal Ministries & Departments (Interior, Planning, Food Security & Research, National Health Services, Information & Broadcasting, Climate Change, Pakistan Railways, Communications, Energy & Water Resources, Finance, Information and Broadcasting (MOIB), Press Information Department (PID), Economic Affairs Division

Chief Secretaries, Provincial Governments, GB and AJ&K

Director Generals, PDMAs, GBDMA SDMA

Director Generals, Rescue 1122 (Punjab, Sindh, Balochistan, KP, GB & AJ&K)

Director General, Climate Change and Coastal Development, Government of Sindh

Director General, Sindh Coastal Development Authority, Karachi

Director General, Balochistan Coastal Development Authority

Chairman, National Highway Authority, Islamabad

Inspector General, National Highways& Motorway Police, Islamabad

Chairman, Pakistan Telecommunications Authority, Islamabad

Chairman, Federal Flood Commission, Islamabad

Chairman, Pakistan Tourism Development Corporation, Islamabad

Managing Director, National Transmission & Dispatch Corporation, Lahore

Principal Information Officer, Press Information Department, Islamabad

Commissioner Islamabad

Headquarters, Pakistan Maritime Security Agency, Karachi

Deputy Commissioner Islamabad

Joint Crises Management Cell, Joint Staff Headquarters, Chaklala Cantt

Staff Duties Directorate (SD Coord), General Headquarters, Rawalpindi

Military Operations Directorate (MO-4), General Headquarters, Rawalpindi Cantt

Engineer Directorate (Arms Branch), General Headquarters, Rawalpindi Cantt

ACNS (Operations), Naval Headquarters, Islamabad

ACAS (Operations), Air Headquarters, Islamabad

Headquarters, Frontier Works Organization (FWO), Rawalpindi

GSO-1, Inter Services Public Relations, General Headquarters, Rawalpindi Cantt

Directorate General, Inter-Services Intelligence (ISI), Islamabad

Headquarters, Pakistan Coast Guards, Karachi

Divisional Superintendent, Pakistan Railways Karachi

Cc: Secretary to Prime Minister, Prime Minister's Office, Islamabad

Secretary, Cabinet Division, Islamabad

ID: PRO, DD (ICT

MONSOON 2024 DAILY SITUATION REPORT NO - 55 (PERIOD COVERED: 1300 HOURS 23 AUGUST 2024 TO 1300 HOURS 24 AUGUST 2024)

1. Casualties and Injuries (Last 24 hours)

a. **Deaths**

Province /	District		Dea	aths		Remarks
Region		M	F	С	Т	
Balochistan	-	0	0	0	0	-
KP	Shangla	1	0	0	1	Structural Collapse (House Collapse)
	Upper Dir	1	0	0	1	Lightning Strike
Punjab	-	0	0	0	0	-
Sindh	-	0	0	0	0	-
Gilgit Baltistan	-	0	0	0	0	-
AJ&K	-	0	0	0	0	-
ICT	-	0	0	0	0	-
Tot	2	0	0	2		

b. **Injuries**

Province /	District		Inju	ıres		Remarks
Region		M	F	С	Т	
Balochistan	-	0	0	0	0	-
KP	-	0	0	0	0	-
Punjab	-	0	0	0	0	-
Sindh	-	0	0	0	0	-
Gilgit Baltistan	-	0	0	0	0	-
AJ&K	-	0	0	0	0	-
ICT	-	0	0	0	0	-
Tot	0	0	0	0		

2. <u>Damage of Infrastructure & Private Properties (Last 24 hours)</u>

a. Houses Damage and Livestock Perished

Province /	District	Н	ouse Dam	age	Livestock
Region		Partial	Full	Total	
Balochistan	-	0	0	0	0
KP	Shangla	1	0	5	0
	N-Waziristan	4			
Punjab	-	0	0	0	0
Sindh	Jacobabad	331	31	362	0
Gilgit Baltistan	-	0	0	0	0
AJ&K	-	0	0	0	0
ICT	-	0	0	0	0
Tot	Total			367	0

b. Roads, Bridges and Other Infrastructure Damaged in Last 24 hours:-

		F	Roads / T	racks			Br	ide	
Province /Region	District	Length of road damage (Kms)	Nature/ extent of damage (fully/ partially washed away/ water over flow)	Traffic situation (Alternate route/ diversion available)	Number of bridge	Type of bridge	Length of bridge	Nature/ Extent of Damage fully/partiallywashed awav/ water over flow)	Traffic situation (Alternate route diversion available)
Balochistan	-	-	-	-	-	-	-	-	-
KP	-	-	-	-	-	-	-	-	-
Punjab	-	-	-	-	-	1	-	-	1
Sindh	-	-	-	-	-	-	-	-	-
Gilgit Baltistan	-	-	-	-	-	-	-	-	-
AJ&K	-	-	-	-	-	-	-	-	-
ICT	-		-	-	-	-	•	-	-
Total	-	-	-	•	•	-	-	-	-

3. <u>Cumulative Casualties - Deaths / Injuries (From 1300 Hours 1 July 2024 to 1300 Hours 24 August 2024)</u>:-

Province		Deaths Injured							
/Region	M	F	С	Т	M	F	С	Т	
Balochistan*	10	1	11	21	1	1	11	13	
KP	25	15	34	74	39	29	60	128	
Punjab	31	16	45	92	84	63	84	231	
Sindh	16	8	23	47	27	12	19	58	
Gilgit Baltistan	1	0	3	4	0	0	1	1	
AJ&K	0	0	5	5	8	3	5	16	
ICT	0	0	0	0	0	0	0	0	
Total	83	40	121	243	159	108	180	447	

^{*} The figures of Losses have been reconciled with PDMA Balochistan and 3x child death and 1x child injury has been added.

4. <u>Cumulative Damages of Infrastructure & Private Properties (From 1300 Hours 1 July 2024 to 1300 Hours 24 August 2024)</u>:-

Province / Region	Roads	Bridges	Но	use Dam	age	Livestock
	(Kms)		Partial	Full	Total	
Balochistan	43	7	428	145	573	131
KP*	0	6	650	233	883	142
Punjab	0	0	152	100	252	44
Sindh	0	0	1388	346	1734	43
Gilgit Baltistan	1.5	14	109	65	174	80
AJ&K	0.233	4	68	27	95	4
ICT	0	0	0	0	0	0
Total	44.733	31	2795	916	3711	444

- 5. **Road Situations. NTR.**
- 6. Flood Relief Activities (Last 24 hours)

Province/ Region	Tents	Ration Bags	Blankets	Quilts	Net Mosquito	Plastic Mats	Mattress	Sleeping Bags/Mats	Kitchen Sets	Hygiene Kits	First Aid Kits	Jerry can	Tarpaulin	Gas Cylinder	Water Cooler	Gabions	Sand bags
Balochistan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Punjab	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sindh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gilgit Baltistan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AJ&K	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ICT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

- a. Relief Camps Established. NTR.
- b. **Rescue Operations**.
 - (1) **Employment of Boats**. NTR.
 - (2) **Employment of Aviation Assets**. NTR.
 - (3) Relief Activities in Last 24 hours. NTR.
- 7. <u>Cumulative Flood Relief Activities (From 1300 Hours 1 July 2024 to 1300 Hours 24 August 2024)</u>:
 - a. Cumulative State of Relief Camps Established by PDMAs/SDMA/GBDMA:-

Description	Balochistan	КР	Punjab	Sindh	Gilgit Baltistan	AJ&K	ІСТ	Total
No of Medical Camp	2	0	42	1	0	0	0	45
No of Persons Treated	1012	0	3041	0	0	0	0	4053
No of Relief Camps	0	0	40	102	0	0	0	142
No of Person in Relief Camp	0	0	49	2627	0	0	0	2676
Cooked Food	0	0	600	0	0	0	0	600

b. <u>Cumulative State of Rescue Operations (From 1300 Hours 1 July 2024 To 1300 Hours 24 August 2024) by PDMAs/SDMA/GBDMA</u>:-

Description	Balochistan	KP	Punjab	Sindh	Gilgit Baltistan	AJ&K	ICT	Total
No of Persons Transported	0	0	4481	1500	0	0	0	5981
No of Persons Evacuated / Rescued	281	0	0	1561	0	0	0	1842
Animals Transported	0	0	955	0	0	0	0	955

Description	Balochistan	КР	Punjab	Sindh	Gilgit Baltistan	AJ&K	ICT	Total
Animal Vaccinated	0	0	51957	5025064	0	0	0	5077021
Boats Deployed	0	0	68	0	0	0	0	68
De-Watering Pumps	0	0	55	26	0	0	0	81
Life Jackets	0	0	509	0	0	0	0	509

- (1) **Employment of Boats**. NTR.
- (2) Employment of Aviation Activates. NTR.
- (3) <u>Cumulative Relief Activities by PDMAs/SDMA/GBDMA (From 1300 Hours 1 July 2024 to 1300 Hours 24 August 2024):-</u>

Ser	Relief Items	Balochistan	КР	Punjab	Sindh	Gilgit Baltistan	AJ&K	ICT	Total
(a)	Tents	70	413	1862	907	195	21	0	3468
(b)	Ration Bags	50	51	0	0	434	0	0	535
(c)	Blankets	12	1079	0	0	373	0	0	1464
(d)	Quilts	0	0	0	0	5	0	0	5
(e)	Net Mosquito	0	180	0	3800	0	0	0	3980
(f)	Plastic Mats	80	793	0	400	124	0	0	1397
(g)	Mattress	0	34	0	250	0	0	0	284
(h)	Sleeping Bags	0	45	0	0	75	0	0	120
(i)	Kitchen Sets	0	453	0	0	97	0	0	550
(j)	Hygiene Kits	700	137	0	300	30	0	0	1167
(k)	First Aid Kits	0	0	0	0	0	0	0	0
(l)	Jerry can	80	0	0	400	0	0	0	480
(m)	Tarpaulin	70	161	0	0	56	0	0	287
(n)	Gabions	0	0	0	0	245	0	0	245
(o)	Sand Bags	0	0	0	0	900	0	0	900
(p)	Gas Cylinder	73	17	0	0	0	0	0	90
(q)	Water Cooler	0	17	0	0	0	0	0	17

- 8. <u>Dams and Reservoirs Level</u> Attached at **Annex A**.
- 9. Flood Alert / River Flows Attached at Annex B.
- 10. Flood / Base Flow Data Obtained from India. Attached at Annex C.
- 11. Rainfall Recorded During Last 24 Hours (0800-0800 hours each day). Attached at Annex D.
- 12. FFD Discharge Report Recorded at 24 August 2024 12:00 PST. Attached at Annex E.

GOVERNMENT OF PAKISTAN PAKISTAN METEOROLOGICAL DEPARTMENT FLOOD FORECASTING DIVISION

46-JAIL ROAD LAHORE-54000

BULLETIN No. B-071/24

Dated: - 24th August, 2024 Time: - 11:20 hours (PST)

I: WEATHER/RAINFALL FORECAST FOR NEXT 24-HRS:

RIVERS	Upper Catchments (Above Rim Stations)	Lower Catchments (Below Rim Stations)	RESERVOIR (FEET) at (06	
INDUS	Isolated thunderstorm rain	Isolated thunderstorm rain (Rawalpindi Division)	TARBELA	
JHELUM	-do-	-do- (Sargodha Division)	Current: Max. Conservation:	1550.00 1550.00 100.0%
CHENAB	-do-	-do- (Gujranwala Division)	MANGLA Current:	1216.00
RAVI	-do-	-do- (Lahore Division)	Max Conservation: Live Storage	1242.00 73.1%
SUTLEJ	-do-	-do- (Bahawalpur Division)		0.000

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

RIVERS	Stations	tions Design	Actual Observations at 0600 PST		Quantitative	Qualitative Forecasted Flood	Max Flood Peaks (In Thousands of Cusecs)		
			Inflow	Outflow	24-hrs (Inflow)	Level (Inflow)	Historical		Flood Season 2024
	Tarbela	1500	162.0	155.4	150-160	Below Low	832.0	(2010)	350.0
INDUS	Kalabagh	950	233.3	226.9	200-230	-do-	950.0	(1942)	401.7
	Chashma	950	245.5	225.5	220-240	-do-	1038.9	(2010)	432.7
	Taunsa	1100	349.1	337.1	320-350	Low	960.0	(2010)	442.2
	Guddu	1200	376.6	366.5	370-380	Medium	1199.7	(1976)	431.3
	Sukkur	1500	390.5	380.9	380-390	-do-	1166.6	(1986)	401.1
	Kotri	875	284.0	248.3	285-295	Low	980.3	(1956)	284.0
KABUL	Nowshera		47.7	47.7	40-50	Below Low	391.3	(1990)	114.2
JHELUM	Mangla	1060	30.0	8.0	25-40	-do-	1090.0	(1992)	114.6
	Rasul	850	2.5	0.0	No Sig. change	-do-	952.2	(1992)	66.1
CHENAB	Marala	1100	55.2	27.6	50-60	-do-	1100.0	(1957)	178.8
OTILITAD	Khanki	1100	37.2	29.3	No Sig. change	-do-	1086.5	(1959)	177.1
	Qadirabad	807	31.7	13.7	-do-	-do-	948.5	(1992)	163.2
	Trimmu	645	57.4	47.2	-do-	-do-	944.0	(1928)	96.3
	Punjnad	700	72.2	64.3	65-80	-do-	802.5	(1973)	72.2
RAVI	Jassar	275	4.7	4.7	No Sig. change	-do-	680.0	(1955)	40.4
	Shahdara	250	16.6	16.6	-do-	-do-	576.0	(1988)	28.0
	Balloki	225	44.0	15.7	40-45	Low	389.8	(1988)	56.3
	Sidhnai	150	22.7	10.2	No Sig. change	Below Low	330.2	(1988)	32.8
SUTLEJ	G.S. Wala		1.0	1.0	-do-	-do-	837.0	(1955)	19.7
	Sulemanki	325	20.4	9.0	-do-	-do-	598.9	(1955)	46.2
	Islam	300	6.5	5.0	-do-	-do-	492.6	(1955)	12.5

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

Note: Concerned Departments may contact FFD, Lahore for rectification up-dation (if any)

-sd/--(Shahid Abbas) Chief Meteorologist FFD Lahore

GOVERNMENT OF PAKISTAN PAKISTAN METEOROLOGICAL DEPARTMENT FLOOD FORECASTING DIVISION 46-JAIL ROAD LAHORE-54000

BULLETIN No. A-071/24

Dated: 24th August, 2024 Time: 11:20 hours (PST)

President Secretariat, Islamabad. 14.PDMA'S (D.G's All Provinces & AJK).

PM House, Islamabad.
 Federal Minister for Water Resources, Islamabad.
 Federal Minister for Water Resources, Islamabad.
 Chairman, Indus River System Authority, Islamabad.

Governor (All Provinces). 17. Chairman, PCRWR, Islamabad. 18. The Secretary General, Red Cr.

Chairman NDMA, Islamabad.

Chief Minister (All Provinces).

PM Secretariat, Islamabad.

20. D.G. Engineers, Eng. Directorate GHQ, Rawalpindi.

8. Secretary, Aviation Division, Islamabad. 21. Pakistan Commissioner for Indus Waters (PCW), Islamabad.
9. Secretary, Ministry for Water Resources, Islamabad. 22. Chief Engineer, Mangla/Tarbela/Chashma.
10. Secretary, Ministry of Information, Islamabad. 23. Chief Engineer, Irrigation (All Provinces).
11. Secretary, Climate change, Islamabad. 24. Chief Engineer, (All Barrages).

 11. Secretary, Climate change, Islamabad.
 24. Chief Engineer, (All Barrages).

 12. Chairman NHA, Islamabad.
 25. Chief Engineer, C.D.O. (Muzaffarabad).

 13. Chief Secretary (All Provinces).
 26. All other concerned.

SUBJECT: -RIVERS SITUATION AND QUALITATIVE FLOOD FORECAST:

I: HYDROLOGICAL SITUATION at 0600 PST:

River Indus at Guddu and Sukkur is at Medium flood level, while River Indus at Taunsa and Kotri is at Low flood level.

Watch: From August 27th and onwards, SEVERE FLASH FLOOD situation is likely to develop in the areas along Sulaiman and Kirthar ranges including nullahs in Balochistan. Urban flooding is also expected in the metropolitan cites of Sindh.

II: METEOROLOGICAL FEATURES:

- a) Low pressure area over West-Bengal today lies over East Madhya Pradesh, under the influence of speed divergence in the Arabian Sea and Bay of Bengal, along with directional convergence over east Madhya Pradesh, it is likely to intensify into Depression, potentially impacting the southern part of the country from 26th August.
- Yesterday's trough of westerly wave over northern parts of Iran today lies over northeast Iran and adjoining Afghanistan.
- c) Light moist currents are penetrating the upper parts of the country from Bay of Bengal.
- d) Yesterday's Low pressure area over western Uttar Pradesh has dissipated.
- e) Seasonal Low lies over north Balochistan.

III: WEATHER FORECAST FOR NEXT 24-HOURS:

Mainly dry weather is expected over most parts of the country. However, isolated Thunderstorm rain of moderate intensity is expected over the upper catchments of all the major rivers, Khyber Pakhtunkhwa & Islamabad along with Rawalpindi, Sargodha, Gujranwala, Lahore, Bahawalpur, DG Khan, Zhob and Kalat divisions.

IV: WEATHER Outlook:

No significant change is expected up to 25th August.

Watch: Likely intensification and westward then south-westward movement of Low-pressure area over West-Bengal, widespread thunderstorm rain of HEAVY TO VERY HEAVY intensity with isolated EXTREMELY HEAVY falls may occur over South Punjab (DG Khan, Multan and Bahawalpur divisions), Sindh (all divisions) and Balochistan (Zhob, Sibbi, Nasirabad, Loralai, Kalat and Makran divisions) from 26th to 30th August.

V: RIVERS CATCHMENTS RAINFALL RECORDED (MM) DURING LAST 24-HRS (UPTO 0800 PST):

Indus: Kakul=13, Islamabad (Zeropoint=07 & Golra=01), Arandu Nullah, Buner & Bhandu Wala=Trace(each).

Jhelum: Palandri & Joharabad=08(each), Sargodha (Airbase, City) & Bandi Abbaspur=04(each), Panjera

& Dhulli=01(each), Rawalakot=Trace.

Chenab: Sialkot (Airport=02 & Cantt=01), Gujrat=02, Gujranwala=Trace.

Ravi: Faisalabad (Gulistan Colony=21, Gulam Muhammand Abad=20, Madina Town=11, Dogar Basti=10, Allama

Iqbal Colony=09 & City=01), Lahore [Iqbal Town=06, Township=05, Jail Road & Shahdara=03(each), Gulburg & Johar Town=02(each), Airport, Samanabad, Upper Mall, Luckshami, Misri Shah, Mughal Pura,

Shahi Qilla, Qurtba chowk=Trace(each)], Okara=02.

Sutlej: Bahawalpur (City)=02.

Others: -Nil-

--sd/--(Shahid Abbas) Chief Meteorologist FFD Lahore

Annex – C

Government of Pakistan Ministry of Water Resources Office of Pakistan Commissioner for Indus Waters Suharwardy Road, (Wapda Building), G-7/1, Islamabad. *****

FLOOD SEASON 2024 WEEKLY FLOOD/BASE FLOW DATA DATA AT (0600 HRS IST) REGARDING EASTERN RIVERS OBTAINED FROM INTERNET

Name of Dam		Full Reservoir Level (feet)	Live Storage Capacity at FRL (MAF)	Storage Current Capacity Live Storage at FRL (MAF)		Storage (%)	Storage last year (%)
i.	Bhakra Dam on River Sutlej	1680	5.050	2.899 22.08.2024	1633.54	57	85
ii.	Pong Dam on River Beas	1390	4.991	2.998 22.08.2024	1359.25	60	96
iii.	Thein Dam on River Ravi	1732	1.900	0.563 22.08.2024	1645.36	30	75

The data is being shared for flows information,

Dated: 23rd Aug 2024

(ADNAN MUMAHAMMAD) Deputy Commissioner for Indus Waters

Tele: 051-9244674

Data source: www.bbmb.gov.in www.cwc.gov.in

Copy forwarded by Fax to:

- Secretary, Ministry of Water Resources, Islamabad. 1.
- Chief Secretary, GilgitBaltistan, Gilgit. 2.
- Chief Secretary, Government of Azad Jammu and Kashmir, Muzaffarabad. 3.
- Chief Secretary, Government of Punjab, Lahore.
- Chief Secretary, Government of Sindh, Karachi.
- Chief Secretary, Government of Khyber Pakhtunkhwa, Peshawar. 6.
- Chief Secretary, Government of Balochistan, Quetta.
- 8. Secretary, Irrigation Department, Punjab, Lahore.
- Secretary, Irrigation Department, Sindh, Karachi.
- Secretary, Irrigation Department, Khyber Pakhtunkhwa, Peshawar. 10.
- Secretary, Irrigation Department, Balochistan, Quetta. 11.
- Director General (Water), Ministry of Water Resources, Islamabad. 12.
- Chairman, National Disaster Management Authority (NDMA), Islamabad. 13.
- CEA/CFFC, Islamabad. 14.
- 15. Chairman, Indus River System Authority (IRSA), Islamabad.
- M.O. Directorate, G.H.Q, Rawalpindi. 16.
- 17. D.G. (Engrs), G.H.Q. Rawalpindi.
- 18.
- Engineers, 4-Corps, Lahore Engineers, 30-Corps, Gujranwala. 19.
- Relief Commissioner/Senior Member, Board of Revenue, Punjab, Lahore. 20.
- D.G. (PDMA) Punjab, 40/A- Lawrence Road, Lahore. 21.
- 22. Chief Engineer (H&WM), Wapda House, Lahore.
- 23. XEN Irrigation, Marala Headwork.
- 24. XEN Irrigation, Kasur.
- Director, Irrigation Department, Government of the Punjab, Lahore. 25.
- Chief Meteorologist, F.F.D. 46-Jail Road, Lahore. 26.
- Office Incharge, F.W.C. 46-Jail Road, Lahore.





		i,	Rainfall (mm)			
200000000000000000000000000000000000000		Khyber-Pakhtun	chwa			
Kakul			13			
Buner			01			
		Punjab				
Joharabad			08			
Islamabad			(ZP 07 & Golra	01)		
Sargodha		- 18	04			
Lahore		30	(City 03 & AP T	race)		
Sialkot		18	(AP 02 & City	01)		
Gujrat, Okara & Bahawalpur (City)			02			
Gujranwala			Trace			
198 =		Kashmir				
Bandi Abbasp	ur	- 12	04			
Dhulli & Panjo	ra		01			
Rawalakot	E	48	Trace			
		Balochistan				
		NIL				
		Gilgit-Baltista	n			
		NIL				
		Sindh				
		NIL				
	6	Maximum Wind Ro	ported			
Station W	ind (kt)	Km/hr	Direction Time			
		NIL				



FFD Discharge Report

Recorded at: 24-Aug-2024 12:00 PST

River	ver Site			O	Outflow		
	Tarbela	158,000	~	155,30	0 NORMA		
	Kalabagh	220,896	*	214,57	2 NORMA		
	Chashma	258,558	~	240,20	8 NORMA		
Indus	Taunsa	349,105	→	337,10	5 Low		
	Guddu	371,069	~	366,50	9 MEDIUI		
	Sukkur	390,450	-	380,85	0 MEDIUI		
	Kotri	284,825	~	251,76	0 Low		
Kabul	Nowshera	44,900	~	44,900	NORMA		
Unations	Mangla	28,000	~	8,000	NORMA		
Jhelum	Rasul	2,462	m-	0	NORMA		
	Marala	55,621	~ /	27,571	NORMA		
	Khanki	41,398	~	33,474	NORMA		
Chenab	Q.Abad	26,343	W/	8,343	NORMA		
	Trimmu	57,483	~	47,133	NORMA		
	Panjnad	72,320	**	64,320	NORMA		
	Jassar	3,395	>>	3,395	NORMA		
Davi	Shahdara	16,576	—	16,576	NORMA		
Ravi	Balloki	41,340	**	13,090	NORMA		
	Sidhnai	22,727	>>	10,227	NORMA		
	GS Wala	1,014	\rightarrow	1,014	NORMA		
Sutlej	Sulemanki	20,350	\rightarrow	8,985	NORMA		
	Islam	6,478	-	5,028	NORMA		
DAM	Current I	_evel	Max Le	vel	Dead Level		
Tarbela Dan	1550.10	(+0.1)	1550		1402		
Mangla Dam 1216.		(+0.15)	1242		1050		