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F.2 (E)/2024-NDMA (MW/SITREP-73) Government of Pakistan Prime Minister's Office National Disaster Management Authority (HQ) Main Murree Road Near ITP Office, Islamabad



Dated: 11 September 2024

Subject: NDMA - Monsoon 2024 Daily Situation Report No. 73

NDMA Monsoon 2024 Daily Situation Report No 73, covering period from 1300 hours

10 September to 1300 hours 11 September 2024 is enclosed for information / necessary action, please.

(Hammad Sadig 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 Secretary to Prime Minister, Prime Minister's Office, Islamabad Cc: Secretary, Cabinet Division, Islamabad ID: PRO, DD (ICT

Page **2** of **10**

MONSOON 2024 DAILY SITUATION REPORT NO - 73

(PERIOD COVERED: 1300 HOURS 10 SEPTEMBER 2024 TO 1300 HOURS 11 SEPTEMBER 2024)

1. Casualties and Injuries (Last 24 hours)

a. **Deaths**

Province /	District		Dea	aths		Remarks
Region		М	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	Total			0	0	

*PDMA Sindh. SITREP dated 11 September 2024 is awaited.

b. Injuries

Province /	District		Inju	ires		Remarks
Region		Μ	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	-
То	0	0	0	0		

***PDMA Sindh.** SITREP dated 11 September 2024 is awaited.

2. Damage of Infrastructure & Private Properties (Last 24 hours)

a. Houses Damage and Livestock Perished

Province /	District	Но	use Dama	ge	Livestock
Region		Partial	Full	Total	
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
٦	Fotal	0	0	0	0

***PDMA Sindh.** SITREP dated 11 September 2024 is awaited.

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

		F	Roads / Tr	acks				Bride	
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/ partially washed away/ water over flow)	Traffic situation (Alternate route diversion available
Balochistan	-	-	-	-	-	-	-	-	-
KP	-	-	-	-	-	-	-	-	-
Punjab	-	-	-	-	-	-	-	-	-
Sindh [*]	-	-	-	-	-	-	-	-	-
Gilgit Baltistan	-	-	-	-	-	-	-	-	-
AJ&K	-	-	-	-	-	-	-	-	-
ICT	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-

*PDMA Sindh. SITREP dated 11 September 2024 is awaited.

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

1300Hours 11 September 2024):-

Province		D	eaths			Inju	ured	
/Region	М	F	С	Т	М	F	С	Т
Balochistan	15	3	24	42	3	2	14	19
KP	33	20	48	101	44	33	67	144
Punjab	43	18	62	123	122	90	105	317
Sindh	25	13	39	77	66	27	66	159
Gilgit Baltistan	1	0	3	4	0	0	1	1
AJ&K	3	0	7	10	12	7	7	26
ICT	0	0	0	0	0	0	0	0
Total	120	54	183	357	247	159	260	666

4. <u>Cumulative Damages of Infrastructure & Private Properties (From 1300</u> Hours 1 July 2024 to 1300 Hours 11 September 2024):-

Province /	Roads	Bridges	Ηοι	use Damage	;	Livestock
Region	(Kms)		Partial	Full	Total	
Balochistan	43	7	15797	1591	17388	783
KP	0	14	713	261	974	151
Punjab	0	0	192	100	292	107
Sindh	293	3	26252	12893	39145	1125
Gilgit Baltistan	2.175	14	109	65	174	80
AJ&K^	0.283	4	156	59	215	20
ICT	0	0	0	0	0	0
Total	338.458	42	43219	14969	58188	2266

^PDMA SDMA has reconciled its cumulative figures and added the following 2 x livestock added and same has been reflected in NDMA's SITREP.

5. **<u>Road Situations</u>**. 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
КР	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	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

*PDMA Sindh. SITREP dated 11 September 2024 is awaited.

- a. <u>Relief Camps Established</u>. NTR.
- b. **Rescue Operations**.
 - (1) **Employment of Boats**. NTR.
 - (2) <u>Employment of Aviation Assets</u>. NTR.
 - (3) **Relief Activities in Last 24 hours**. NTR.

7. Cumulative Flood Relief Activities (From 1300 Hours 1 July 2024 to 1300 Hours

11 September 2024):-

a. Cumulative State of Relief Camps Established by PDMAs/SDMA/GBDMA:-

Description	Balochistan	КР	Punjab	Sindh	Gilgit Baltistan	AJ&K	ICT	Total
No of Medical Camp	17	0	43	52	0	0	0	112
No of Persons Treated	8486	0	3041	7654	0	0	0	19181
No of Relief Camps	2	0	41	162	0	0	0	205
No of Person in Relief Camp	0	0	0	2627	0	0	0	2627
Cooked Food	200	0	600	0	0	0	0	800

b. <u>Cumulative State of Rescue Operations (From 1300 Hours 1 July 2024 To</u> <u>1300 Hours 11 September 2024) by PDMAs/SDMA/GBDMA</u>:-

Description	Balochistan	КР	Punjab	Sindh	Gilgit Baltistan	AJ&K	ICT	Total
No of Persons Transported	0	0	4601	4000	0	0	0	8601
No of Persons Evacuated / Rescued	1087	0	0	7595	0	0	0	8682

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Description	Balochistan	КР	Punjab	Sindh	Gilgit Baltistan	AJ&K	ICT	Total
Animals Transported	0	0	975	0	0	0	0	975
Animal Vaccinated	0	0	51957	7414860	0	0	0	7466817
Boats Deployed	5	0	73	7	0	0	0	85
De-Watering Pumps	0	0	61	67	0	0	0	128
Life Jackets	0	0	593	200	0	0	0	793

(1) Employment of Boats. NTR.

(2) **Employment of Aviation Activates.** NTR.

(3) Cumulative Relief Activities by PDMAs/SDMA/GBDMA (From 1300 Hours 1 July 2024 to 1300 Hours 11 September 2024):-

Ser	Relief Items	Balochistan	KP	Punjab	Sindh	Gilgit Baltistan	AJ&K	ICT	Total
(a)	Tents	70	413	1862	31857	195	33	0	34430
(b)	Ration Bags	50	51	0	0	522	0	0	623
(C)	Blankets	12	1079	0	0	373	2	0	1466
(d)	Quilts	0	0	0	0	5	2	0	7
(e)	Net Mosquito	0	180	0	119750	0	0	0	119930
(f)	Plastic Mats	80	793	0	26050	124	4	0	27051
(g)	Mattress	0	34	0	12300	0	0	0	12334
(h)	Sleeping Bags	0	45	0	13450	82	0	0	13577
(i)	Kitchen Sets	0	453	0	0	104	0	0	557
(j)	Hygiene Kits	700	137	0	10500	37	0	0	11374
(k)	First Aid Kits	0	0	0	0	0	0	0	0
(I)	Jerry can	80	0	0	28350	0	0	0	28430
(m)	Tarpaulin	70	161	0	6500	56	0	0	6787
(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	13	0	0	30

8. Dams and Reservoirs Level -

Flood Alert / River Flows 9.

Attached at Annex A.

- Attached at Annex B.
- Attached at Annex C.
- Flood / Base Flow Data Obtained from India. -10. 11. Rainfall Recorded During Last 24 Hours (0800-0800 hours each day). Attached at Annex D
- 12. FFD Discharge Report Recorded at 11 September 2024 12:00 PST. Attached at Annex E.

Note: SITREP data is preliminary as provided by respective PDMAs / GBDMA /SDMA / ICT Administration, Govt Depts and is subject to change.

<u>Annex – A</u>

GOVERNMENT OF PAKISTAN PAKISTAN METEOROLOGICAL DEPARTMENT FLOOD FORECASTING DIVISION

BULLETIN No. B-089/24

46-JAIL ROAD LAHORE-54000

Dated: 11th September, 2024 Time: 11:00 hours (PST)

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

RIVERS	Upper Catchments (Above Rim Stations)	Lower Catchments (Below Rim Stations)	RESERVOIRS (FEET) at (060			
	Isolated thunderstorm rain	Isolated thunderstorm rain (Rawalpindi Division)	TARBELA			
JHELUM	-do-	-do- (Sargodha Division)	Max. Conservation:	1550.00 1550.00		
CHENAB	-do-	-do- (Gujranwala Division)	MANGLA	100.00%		
RAVI	-do-	-do- (Lahore Division)	Max Conservation:	1228.35 1242.00 85.42%		
SUTLEJ	-do-	-do- (Bahawalpur Division)	Live Storinge	0014270		

CUSECS ...: QUANT

RIVERS	Stations	tions Design	Actual Observations at 0600 PST		Quantitative	Qualitative	Max Flood Peaks (In Thousands of Cusecs)		
			Inflow	Outflow	hrs (inflow)	Level (Inflow)	Historical		Flood Season 2024
	Tarbela	1500	100.0	98.4	90-100	Below Low	832.0	(2010)	350.0
INDUS	Kalabagh	950	138.2	131.9	No sig. change	-do-	950.0	(1942)	401.7
	Chashma	950	158.6	140.1	-do-	-do-	1038.9	(2010)	432.7
	Taunsa	1100	127.8	102.5	-do-	-do-	960.0	(2010)	442.2
	Guddu	1200	175.3	148.9	-do-	-do-	1199.7	(1976)	431.3
	Sukkur	1500	149.9	117.6	130-150	-do-	1166.6	(1986)	401.1
	Kotri	875	190.9	175.8	170-190	-do-	980.3	(1956)	342.4
KABUL	Nowshera	12	28.0	28.0	No sig. change	-do-	391.3	(1990)	114.2
JHELUM	Mangla	1060	20.0	20.0	20-25	-do-	1090.0	(1992)	176.0
onecom	Rasul	850	16.8	0.0	No sig. change	-do-	952.2	(1992)	67.8
CHENAB	Marala	1100	41.3	11.5	35-45	-do-	1100.0	(1957)	178.8
OTIENTAD	Khanki	1100	15.1	7.5	No sig. change	-do-	1086.5	(1959)	177.1
	Qadirabad	807	20.3	2.3	-do-	-do-	948.5	(1992)	163.2
	Trimmu	645	32.9	22.6	-do-	-do-	944.0	(1928)	96.3
	Punjnad	700	58.3	45.7	-do-	-do-	802.5	(1973)	72.3
RAVI	Jassar	275	2.4	2,4	-do-	-do-	680.0	(1955)	40.4
NAVI	Shahdara	250	16.6	16.6	-do-	-do-	576.0	(1988)	28.0
	Balloki	225	35.9	9.3	-do-	-do-	389.8	(1988)	56.3
	Sidhnai	150	24.6	9.6	-do-	-do-	330.2	(1988)	33.8
SUTLEJ	G.S. Wala		0.4	0.4	-do-	-do-	837.0	(1955)	19.7
	Sulemanki	325	16.3	4.0	-do-	-do-	598.9	(1955)	46.2
	Islam	300	6.7	4.7	-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)

> (Shahid Abbas) Chief Meteorologist **FFD** Lahore

www.ffd.pmd.gov.pk | Email: ffdlhr@yahoo.com Chief Meteorologist: 04299200208 & Duty Officer 24/7 hrs: 04299200139, 04299205367-70 and Fax: 04299200209 & 5367

Page **7** of **10**

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

Dated: 11 th September, 2024 Time: 11:00 hours (PST) 14.PDMA'S (DG's All Provinces & AJK). 15. Chairman, Federal Flood Commission, Islamabad.
14.PDMA'S (DG's All Provinces & AJK).
45 Chalman Endered Flood Commission Islamshad
15. Chairman, rederarriood Commission, Islamabad.
16. Chairman, Indus River System Authority, Islamabad.
17. Chairman, P CRWR, Islamabad.
18. The Secretary General, Red Crescent, Islamabad.
19. Secretary, krigation Department, (All Provinces).
20. D.G. Engineers, Eng. Directorate GHQ, Rawalpindi.
21. Pakistan Commissioner for Indus Waters (PCW), Islamabad.,
22. Chief Engineer, Mangla/Tarbela/Chashma.
23. Chief Engineer, Irrigation (All Provinces).
24. Chief Engineer, (All Barrages).
25. Chief Engineer, C.D.O. (Mszaffarabad).
26. All other concerned.
TATIVE FLOOD FORECAST:
ormal flow.

II: METEOROLOGICAL FEATURES:

- a) A trough of a weak westerly wave today lies over northern parts of the country.
- b) Moderate to strong pressure gradient lies over north Afghanistan and adjoining Pakistan which may decrease temperatures over northern areas of the country during next few days.
- c) Yesterday's depression over central Chhattisgarh today lies over east Madhya Pradesh.
- Light moist currents from the Arabian Sea and Bay of Bengal are penetrating the southern Punjab up to 5000 feet.
- e) Seasonal low lies over northeast Balochistan.

III: WEATHER FORECAST FOR 24-HOURS:

Isolated thunderstorm rain of moderate intensity is expected over the upper catchments of all the major rivers and Islamabad along with Rawalpindi, Sargodha, Gujranwala, Lahore, Bahawalpur, DG khan, Peshawar, Kohat, Bannu and DI Khan division.

IV: WEATHER OUTLOOK FOR NEXT 48-HOURS:

No significant change is expected over the most parts of the country. However, scattered to widespread

thunderstorm rain of moderate to heavy intensity is expected over the upper catchments of rivers Sutlej and Beas.

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

Indus:	Takht Bai=11, Kakul & Barkhan=09(each), Tarbela & Saidu Sharif=03(each), Islamabad [Zeropoint=02, Chaklala (Airbase)=Trace], Pattan & Malam Jabba=02(each), Mirkhani=01, Kamra (Airbase), Arandu Nullah, Risalpur, Attock, Lower Dir & Kalam=Trace(each).
Jhelum:	Mandibahauddin=05, Kotli=03, Sargodha (Airbase)=Trace.
Chenab:	Hafizabad=08, Jhang=Trace.
Ravi:	Narowal=06, Lahore [Township & Gulshan e Ravi=03(each), Shahi Qilla=02, Jail Road, Qurtba chowk, Samanabad, Luckshami, Misri Shah & Airport=Trace (each)].
Sutlej:	-Nil-
Others:	Met complex Karachi=Trace.

(Shahid Abbas) Chief Meteorologist FFD Lahore

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<u>Annex – C</u>

By Fax

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 Storage Level Capacity (feet) at FRL (MAF)		Current Live Storage (MAF)	Current Reservoir Level (Feet)	Storage (%)	Storage last year (%)	
i.	Bhakra Dam on River Sutlej	1680	5.050	<u>3,168</u> 05.09.2024	1641.85	63	85	
ii.	Pong Dam on River Beas	1390	4.991	<u>3.176</u> 05.09.2024	1362.80	64	93	
111.	Thein Dam on River Ravi	1732	1.900	0.563 05.09.2024	1645.78	30	72	

The data is being shared for flows information, Dated: 06th September 2024

(ADNAN MUMAHAMMAD) Deputy Commissioner for Indus Waters Tele: 051-9244674

Data source: <u>www.bbmb.gov.in</u> www.ewc.gov.in

Copy forwarded by Fax to:

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



National Weather Forecasting Centre Pakistan Meteorological Department aver a star

Total Rainfa	ll (mm) last 24 hours	s on Wednesday 11	1-09-2024 at 08	DO PST			
Sta	tions		Rainfall(mm)				
	KHYBER I	AKHTUNKHWA					
Tak	ht Bai		11				
K	akul	26 2	09				
Saidu	ı Sharif		03				
Malam Jat	oba & Pattan		02				
Mir	Khani		01				
Dir (Lowe	er) & Kalam		Trace				
	BAL	OCHISTAN					
Bar	Khan		09				
	P	UNJAB					
Hafi	izabad		08				
Nai	rowal	2	06				
Mandi I	Bahauddin		05				
Islamabad Cit	y & Lahore City		02				
Lahore Airport, Attock, Jhang, Chaklala- Rawalpindi			Trace				
	K	ASHMIR					
K	otli	38	02				
	Maximun	Wind Reported		5.W			
Stations	Wind(KT)	Wind(km/h)	Direction	Time PST			
Lahore City	18	33	NE	1205			
Ma	ximum Water Level	at Nullah Lai (La	st 24 Hours)				
Station	Level (Feet)	Time (PS	T) Flo	od Situation			
	Norma	l Water Level	2.1				

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<u>Annex – E</u>

FFD Discharge Report

Recorded at: 11-Sep-2024 12:00 PST

River	Site	Inflow		Outflow		
	Tarbela	108,000	~	91,300	NORMA	
	Kalabagh	138,187		131,863	NORMA	
	Chashma	158,480	\sim	139,980	NORMA	
Indus	Taunsa	122,191	~	96,091	NORMA	
	Guddu	175,322	\rightarrow	148,944	NORMA	
	Sukkur	149,885	\rightarrow	117,605	NORMA	
	Kotri	190,904	23/1	175,769	NORMA	
Kabul	Nowshera	30,300	~	30,300	NORMA	
II. a base	Mangla	20,000	\rightarrow	20,000	NORMA	
Jhelum -	Rasul MA	17,418	man	0	NORMA	
	Marala	45,086	~/	15,286	NORMA	
	Khanki	15,238	M	7,464	NORMA	
Chenab	Q.Abad	20,291	\rightarrow	2,291	NORMA	
	Trimmu	32,942	-AV	22,642	NORMA	
	Panjnad OR	58,394	~	45,694	NORMA	
	Jassar	2,382	—	2,382	NORMA	
	Shahdara	16,576	\rightarrow	16,576	NORMA	
Ravi	Balloki	37,020	~	10,420	NORMA	
	Sidhnai	23,446	\sim	8,446	NORMA	
	GS Wala	1,014	~	1,014	NORMA	
Sutlej	Sulemanki	16,343	\rightarrow	4,020	NORMA	
	Islam	6,705	\rightarrow	4,655	NORMA	
DAM	Current L	evel	Max Lev	el De	ad Level	
Tarbela Da	am 1550.10	(+0.1)	1550		1402	
Mangla Da	m 1228.45	(+0.1)	1242		1050	