



NO. IWT&R/211/348-52/22/85
GOVERNMENT OF THE PUNJAB
IRRIGATION DEPARTMENT

Dated 16/04/2021

To

The Chief Engineers Irrigation: -

- | | |
|---------------|---------------|
| 1. Lahore | 2. Faisalabad |
| 3. Sargodha | 4. Multan |
| 5. Bahawalpur | 6. D G Khan |
| 7. Potohar | 7. Subana |

Subject: WATER AVAILABILITY FORECAST FOR KHARIF 2021.

IRSA Advisory Committee Meeting was held on 8th April 2021 and considered the forecast of water availability for Kharif 2021. After reviewing all the parameters of the water availability forecast, the Advisory Committee concluded that the water availability during the early Kharif period (April-1 to June-10, 2021) would be 10% short of the average uses while during the late Kharif period (June-11 to September-30, 2021) there would be no shortages. However, the average shortages during the total Kharif period i.e. 1st April to 30th September, 2021 are anticipated to be -1.5%.

2. Based on the above forecast IRSA has allocated following share to Punjab under the likely scenario

Period	Average Uses (MAF)	Anticipated share (MAF)	Surplus /Shortfall
Early Kharif	11.613	10.535	-10%
Late Kharif	23.035	23.577	+2%
Total Kharif	34.648	34.112	-1.5%

*Surplus water if available in any 10-daily period can be indented as and when required under Para 4 of the Water Accord.

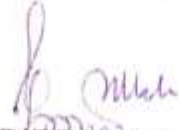
3. Based on the above forecast of water availability, canal operation Programmes of Punjab Canals both for the Jhelum Chenab Zone and Indus Zone are prepared and enclosed herewith for favour of perusal. While preparing these Programmes efforts have been made to supply maximum water during the crop

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sowing and maturity periods and the cropping pattern on each canal system i.e. to facilitate cotton and rice sowing etc.

4. These canal operation Programmes may please be reviewed and changes if any suggested keeping in view the overall share of each canal system.

Encl/As above.



DIRECTOR

Indus Waters Treaty & Regulation
Irrigation Department, Punjab, Lahore

CC:

1. Secretary Government of the Punjab, Agriculture Department, Lahore.
2. Director General (Extension), Agriculture Department, Punjab, Davis Road, Lahore.
3. Director General on Farm Water Management, Agriculture Department, Punjab, Davis Road, Lahore.
4. General Manager™ PIDA, Lahore.
- ✓ 5. Chief PMIU, Lahore.
6. PS to Secretary Irrigation, Government of the Punjab, Lahore.

A copy of the proposed canal operation Programmes both for the Jhelum Chenab Zone and Indus Zone are appended for favour of perusal and further necessary action.

Encl/As above.

**TENTATIVE CANAL WITHDRAWALS PLAN
INDUS ZONE (TARBELA COMMAND)
KHARIF 2021**

ALL FIGURES IN 000 CFS

PERIOD	CRBC (PB)	HAVELI (INT)	SIDHNA	RANGPUR	TOTAL TMU	PANJAB	ABBASIA LINK	ABBASIA	TOTAL PND	THAL	LPC	LMC	LBC	SVC (L) TOTAL	MZG	DG KHAN	TOTAL TSA	TOTAL INDUS ZONE
APR	1 1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4
	2 1.2	0.7	2.5	0.6	3.8	4.9	2.0	0.8	6.8	4.0	1.3	2.0	1.2	4.5	0.0	0.0	0.0	20.3
	3 1.2	0.7	3.0	1.0	4.7	4.0	3.0	1.0	8.0	6.0	1.3	3.5	2.5	7.3	4.0	0.0	4.0	31.2
MAF	0.059	0.026	0.139	0.032	0.169	0.159	0.099	0.036	0.294	0.284	0.052	0.109	0.073	0.234	0.079	0.300	0.079	1.125
MAY	1 1.2	0.8	3.5	1.2	5.5	5.5	2.5	1.2	9.2	6.8	1.5	3.5	3.0	8.0	6.0	6.0	12.0	42.7
	2 1.2	0.8	3.5	1.2	5.5	5.5	2.5	1.2	9.2	6.8	1.5	3.5	3.0	8.0	6.5	6.5	12.0	43.7
	3 1.2	0.8	3.5	1.5	6.8	5.5	2.5	1.2	9.3	6.8	1.5	3.5	3.2	8.8	6.5	6.5	13.0	44.5
MAF	0.074	0.049	0.215	0.080	0.345	0.335	0.155	0.074	0.585	0.416	0.052	0.222	0.189	0.503	0.390	0.390	0.780	2.897
JUNE	1 1.5	0.8	4.0	1.8	6.6	6.5	2.0	1.2	10.3	7.5	1.5	3.8	3.5	8.8	7.2	8.0	15.2	49.9
	2 1.5	0.8	4.0	1.8	6.5	6.5	2.0	1.2	10.5	7.5	1.8	3.6	3.5	8.9	7.2	8.0	15.2	50.2
	3 1.5	0.8	4.0	2.3	7.3	6.5	3.0	1.2	10.7	7.5	1.7	3.8	3.8	9.3	7.2	8.0	15.2	51.5
MAF	0.059	0.048	0.238	0.121	0.407	0.387	0.167	0.071	0.625	0.446	0.095	0.228	0.214	0.536	0.429	0.476	0.904	3.007
JULY	1 1.5	0.8	3.8	2.5	7.1	7.2	3.2	1.2	11.6	8.0	1.7	4.5	4.2	10.4	7.5	8.0	15.5	54.2
	2 1.6	0.8	3.8	2.5	7.1	7.2	3.2	1.2	11.6	8.0	1.7	4.5	4.2	10.4	7.5	8.0	15.5	54.2
	3 1.6	0.9	3.8	2.5	7.2	7.2	3.2	1.2	11.6	8.0	1.7	4.5	4.2	10.4	7.5	7.8	15.3	54.1
MAF	0.096	0.051	0.234	0.154	0.439	0.443	0.197	0.074	0.713	0.492	0.105	0.277	0.258	0.639	0.451	0.498	0.948	3.330
AUGUST	1 1.5	0.9	3.7	2.3	6.9	7.3	3.6	1.2	12.1	7.5	1.6	4.6	4.3	10.5	7.0	7.8	14.8	53.5
	2 1.5	0.9	3.7	2.3	6.9	7.3	3.6	1.2	12.1	6.8	1.5	4.6	4.3	10.4	7.0	7.8	14.8	52.8
	3 1.3	0.9	3.7	2.3	6.5	7.3	3.6	1.2	12.1	5.5	1.5	4.5	4.3	10.3	7.0	7.5	14.5	51.8
MAF	0.088	0.045	0.225	0.141	0.424	0.449	0.221	0.074	0.744	0.425	0.094	0.281	0.264	0.639	0.430	0.473	0.909	3.224
SEPT	1 1.5	0.8	3.5	2.0	6.3	6.0	2.8	1.0	9.8	6.5	1.2	3.5	3.5	8.2	4.5	7.0	11.5	43.6
	2 1.2	0.6	3.5	1.5	5.6	6.0	2.5	1.0	8.5	6.0	1.0	3.0	3.2	7.2	4.0	6.5	9.5	35.6
	3 1.2	0.7	3.0	1.5	5.2	5.5	2.5	1.0	9.0	6.0	1.0	2.5	3.2	6.7	4.0	6.5	9.5	37.6
MAF	0.073	0.042	0.198	0.099	0.339	0.347	0.153	0.060	0.561	0.367	0.053	0.129	0.199	0.438	0.248	0.357	0.626	2.384
MAF TOTAL	0.492	0.273	1.222	0.627	2.122	2.122	0.895	0.388	3.505	2.432	0.501	1.293	1.195	2.980	2.037	2.183	4.220	15.781

**TENTATIVE CANAL WITHDRAWALS PLAN
JHELUM CHENAB ZONE (MANGLA COMMAND)
KHARIF 2021**

ALL FIGURES IN 000 CFS

PERIOD	LJC	UJC (INT)	LCC	UCC (INT)	LBDC	FLC TOTAL	CBDC	MR (INT)	UDC	LDC	UPC	ESC	FC	UBC+OC	SVC (U) TOTAL	JC ZONE TOTAL
APR	1 3.6	0.9	7.9	0.5	4.9	17.8	2.4	0.0	0.0	0.0	2.0	3.5	0.3	0.0	5.6	28.0
	2 4.0	1.5	8.0	1.5	6.0	21.0	2.4	0.0	0.0	0.0	2.4	3.5	0.6	0.5	7.0	30.4
	3 4.5	1.5	8.0	2.0	6.5	22.5	2.5	0.0	1.5	0.0	3.8	4.5	1.5	0.8	12.1	37.1
MAF	0.240	0.077	0.474	0.079	0.345	1.216	0.145	0.000	0.030	0.000	0.163	0.228	0.048	0.026	0.494	1.855
MAY	1 4.5	1.8	11.0	2.5	7.5	27.3	2.5	0.0	1.6	3.2	4.0	4.5	2.5	0.8	15.9	45.4
	2 4.5	1.8	11.5	3.5	7.5	28.8	2.5	0.0	1.6	3.5	4.6	4.5	2.5	0.8	17.5	48.8
	3 4.5	1.8	12.0	4.5	7.5	30.3	2.6	0.0	1.6	3.8	4.7	4.5	2.5	0.8	17.9	50.8
MAF	0.277	0.111	0.708	0.217	0.461	1.774	0.156	0.000	0.098	0.216	0.273	0.277	0.154	0.045	1.067	2.997
JUNE	1 5.5	1.9	12.0	5.3	7.8	32.5	2.6	1.0	1.7	3.8	5.0	5.0	3.4	0.8	19.7	55.8
	2 5.5	1.9	12.0	5.5	7.8	32.7	2.6	1.2	1.7	3.8	5.2	5.2	3.4	0.8	20.1	56.8
	3 5.5	1.9	12.3	5.6	7.8	33.1	2.6	1.2	1.7	3.9	5.2	5.4	3.4	0.8	20.4	57.5
MAF	0.327	0.113	0.720	0.325	0.464	1.950	0.155	0.067	0.101	0.228	0.305	0.309	0.202	0.048	1.194	3.386
JULY	1 5.5	2.0	12.3	5.6	7.8	33.2	2.5	1.3	1.7	3.9	5.2	5.4	3.4	0.8	20.5	57.5
	2 5.5	2.0	12.3	5.6	7.8	33.2	2.6	1.3	1.7	3.9	5.2	5.4	3.4	0.8	20.5	57.6
	3 5.5	2.0	12.3	5.7	7.8	33.3	2.6	1.3	1.7	3.9	5.2	5.4	3.4	0.8	20.5	57.7
MAF	0.538	0.123	0.756	0.347	0.490	2.044	0.158	0.080	0.105	0.240	0.320	0.332	0.209	0.055	1.261	3.542
AUGUST	1 5.5	1.9	12.2	5.7	7.6	32.9	2.6	1.3	1.7	3.8	5.2	5.2	3.4	0.8	20.1	56.8
	2 5.5	1.9	12.2	5.7	7.6	32.9	2.6	1.3	1.7	3.8	5.0	5.2	3.4	0.8	19.9	56.7
	3 5.5	1.9	12.2	5.7	7.6	32.9	2.5	1.3	1.7	3.8	5.0	5.2	3.2	0.8	19.7	56.4
MAF	0.338	0.117	0.750	0.350	0.467	2.023	0.158	0.080	0.105	0.234	0.311	0.320	0.205	0.048	1.223	3.484
SEPT	1 5.5	1.8	12.2	5.6	7.5	32.6	2.5	1.2	1.6	3.7	5.0	4.6	3.2	0.8	18.9	55.2
	2 5.2	1.8	12.0	5.0	7.5	31.5	2.5	0.6	1.6	3.7	4.8	4.6	2.8	0.6	18.1	52.7
	3 5.0	1.8	11.0	5.0	7.2	30.0	2.3	0.0	1.5	3.5	4.2	4.2	2.5	0.6	16.5	48.8
MAF	0.311	0.107	0.698	0.309	0.440	1.866	0.145	0.036	0.093	0.216	0.278	0.268	0.168	0.040	1.061	3.108
MAF TOTAL	1.832	0.648	4.107	1.628	2.658	10.873	0.916	0.263	0.532	1.134	1.650	1.732	0.986	0.267	6.300	18.351