

# Water Apportionment Accord

Apportionment of the Waters of Indus River System between the provinces

Karachi, dated 16.3.91

## APPORTIONMENT OF THE WATERS OF THE INDUS RIVER SYSTEM BETWEEN THE PROVINCES

As a follow-up to the meeting of the Chief Ministers at Lahore on March 3, 1991, a meeting of the representatives of the four provinces was held at Lahore on March 04, 1991. Another meeting was held at Karachi on March 16, 1991. The list of participants is attached.

The participants agreed on the following points-

1. There was an agreement that the issue relating to apportionment of the Waters of the Indus River System should be settled as quickly as possible,
2. In the light of the accepted water distributional principals the following appointment was agreed to

(fig. in MAF)

PROVINCE	KHARIF	RABI	TOTAL
PUNJAB	37.07	18.87	55.94
SINDH*	33.94	14.82	48.76
NWFP (a)	3.48	2.30	5.78
(b) CIVIL CANALS**	1.80	1.20	3.00
BALUCHISTAN	2.85	1.02	3.87

\* Including already sanctioned Urban and Industrial uses for Metropolitan Karachi.

\*\* Engaged Civil Canals above the rim stations.

3. N.W.F.P/Balochistan Projects which are under execution have been provided their

authorised quota of water as existing uses.

4. Balance river supplies (including flood supplies and future storages) shall be distributed as below.

Punjab	Sindh	Baluchistan	NWFP	Total
37	37	12	14	100%

5. Industrial and Urban Water supplies for Metropolitan City, for which there were sanctioned allocations will be accorded priority.

6. The need for storages, wherever feasible on the Indus and other rivers was admitted and recognised by the participants for planned future agricultural development.

7. The need for certain minimum escapage to sea, below Kotri, to check sea intrusion was recognised, Sindh held the view, that the optimum level was 10 MAF, which was discussed at length, while other studies indicated lower/higher figures. It was, therefore, decided that further studies would be undertaken to establish the minimal escapage needs down stream Kotri.

8. There would be no restrictions on the Provinces to undertake new projects within their agreed shares.

9. No restrictions are placed on small schemes not exceeding 5000 acres above elevation of 1200 ft. SPD.

10. No restrictions are placed on developing irrigation uses in the Kurram / Gomal / Kohat basins, so long as these do not adversely affect the existing uses on these rivers.

11. There are no restrictions on Balochistan to develop the water resources of the Indus right bank tributaries, flowing through its areas.

12. The requirements of LBOD will be met out of the flood supplies in accordance with the agreed sharing formula.

13. For the implementation of this accord, the need to establish an Indus River System Authority was recognised and accepted. It would have headquarters at Lahore and would have representation from all the four provinces.

14. a) The system-wise allocation will be worked out separately, on ten daily basis and will be attached with this agreement as part and parcel of it.

b) The record of actual average system uses for the period 1977-82, would form the guideline for developing a future regulation pattern. These ten daily uses would be adjusted pro rata to correspond to the indicated seasonal allocations of the different canal systems and would form the basis for sharing shortages and surpluses on all Pakistan basis.

c) The existing reservoirs would be operated with priority for the irrigation uses of the provinces.

d) The provinces will have the freedom within their allocations to modify system-wise allocations period-wise uses.

e) All efforts would be made to avoid wastages. Any surpluses may be used by another province, but this would not establish any rights to such uses.

C.M. Punjab  
Ghulam Hyder Wyne

Shah Mehmood  
Qureshi  
Minister Finance

Mazhar Ali  
Adviser

C.M. Sindh  
Jam Sadiq Ali

Muzaffar Hussain  
Minister Law

Mohammad Alim  
Baloch  
A.C.S (I&P)/Advisor

C.M. NWFP  
Mir Afzal Khan

Mohsin Ali Khan  
Minister  
Finance

Khalid Aziz  
A.C.S (P&D)

C.M. Baluchistan  
Mir Taj Mohammad  
Jamali

Mir Zulfiqar Ali Magsi  
Minister Home

Mohammad Amin  
Secretary (I&P)

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Karachi, dated 16.3.91

APPORTIONMENT OF THE WATERS OF THE INDUS RIVER SYSTEM  
BETWEEN THE PROVINCES.

As a follow-up to the meeting of the Chief Ministers at Lahore on March 7, 1991, a meeting of the representatives of the four provinces was held at Lahore on March 14, 1991. Another meeting was held at Karachi on March 16, 1991. The list of participants is attached.

The participants agreed on the following points:-

1. There was an agreement that the issue relating to Apportionment of the Waters of the INDUS RIVER SYSTEM should be settled as quickly as possible,
2. In the light of the accepted water distributional principles the following apportionment was agreed to:

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(Fig. in MAF)

PROVINCE	KHARIF	KABZ	TOTAL
PUNJAB	37.07	18.87	55.94
SINDH *	33.84	14.82	48.76
N.W.F.P (a)	3.48	2.30	5.78
(b) CIVIL CANALS**	1.00	1.20	2.20
BALUCHISTAN	2.85	1.02	3.87
	77.34	37.01	114.35
	1.20	1.20	2.40

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\* Including already sanctioned urban and industrial uses for Metropolitan Karachi.

\*\* Ungauged Civil Canals above the rim stations.

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3. N.W.F.P/Baluchistan Projects which are under execution have been provided their authorized quota of water as existing uses.

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4. Balance river supplies (including flood supplies and future storages) shall be distributed as below:

<u>Punjab.</u>	<u>Sindh.</u>	<u>Baluchistan</u>	<u>NWFP</u>	<u>Total.</u>
37	37	12	14	100%

5. Industrial and Urban Water supplies for Metropolitan City, for which there were sanctioned allocations will be accorded priority.
6. The need for storages, wherever feasible on the Indus and other rivers was admitted and recognised by the participants for planned future agricultural development.
7. The need for certain minimum escape to sea, below Kotri, to check sea intrusion was recognised. Sindh held the view, that the optimum level was 10 M.A.F., which was discussed at length, while other studies indicated lower/higher figures. It was, therefore, decided that further studies would be undertaken to establish the minimal escape needs down stream Kotri.
8. There would be no restrictions on the Provinces to undertake new projects within their agreed shares.
9. No restrictions are placed on small schemes not exceeding 5000 acres above elevation of 1200 ft. SPD.
10. No restrictions are placed on developing irrigation uses in the Kurram/Gomal/Kohat basins, so long as these do not adversely affect the existing uses on these rivers.
11. There are no restrictions on Baluchistan, to develop the water resources of the Indus right bank tributaries, flowing through its areas.
12. The requirements of LBOD will be set out of the flood supplies in accordance with the agreed sharing formula.

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For the implementation of this accord, the need to establish an Indus River System Authority was recognised and accepted. It would have headquarters at Lahore and would have representation from all the four provinces.

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14.

- a) The system-wise allocation will be worked out separately, on ten daily basis and will be attached with this agreement as part and parcel of it.
- b) The record of actual average system uses for the period 1977-82, would form the guide line for developing a future regulation pattern. These ten daily uses would be adjusted pro-rata to correspond to the indicated seasonal allocations of the different canal systems and would form the basis for sharing shortages and surpluses on all Pakistan basis.
- c) The existing reservoirs would be operated with priority for the irrigation uses of the Province.
- d) The provinces will have the freedom within their allocations to modify system-wise and period-wise uses.
- e) All efforts would be made to avoid wastages. Any surpluses may be used by another province, but this would not establish any rights to such uses.

*Handwritten:*  
16/3/91  
C.M. Punjab  
Ghulam Hyder  
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C.M. Sindh  
Jam Sadiq Ali

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16/3  
C.M. NWFP  
Mir Afzal Khan

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C.M. Baluchistan  
Mir Taj Mohammad Jamali

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Shah Mahmood  
Qureshi  
Minister Finance

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Muzaffar Hussain  
Minister Law

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Mohsin Ali Khan  
Minister Finance

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Mir Zulfiqar Ali Mangochi  
Minister Home

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Mashar Ali  
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Mohammad Amin  
Secretary (I&P)

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16/3/91  
R. K. ANVER