

GOVERNMENT OF INDIA
MINISTRY OF HOUSING AND URBAN AFFAIRS
RAJYA SABHA
UNSTARRED QUESTION NO. 729
ANSWERED ON 29/07/2024

WATER SUPPLY IN DELHI

729. SHRI AJAY MAKAN

Will the Minister of HOUSING AND URBAN AFFAIRS be pleased to state:

- (a) the targeted requirement (in litres/capita/day) of water supply, suggested by the CPHEEO for Metropolitan Cities with piped water supply where a sewerage system exists is contemplated;
- (b) the quantity of water (in litres/capita/day) the Delhi Jal Board (DJB) distributes in NCT of Delhi;
- (c) the reasons for the NCT of Delhi facing water shortage if the amount of water treated and distributed is within the per capita norm;
- (d) the details of tankers deployed by DJB since 2019; and
- (e) the norms for water released by Haryana to Delhi, month-wise list of total water allocated and released to Delhi from Haryana in last five years?

ANSWER

THE MINISTER OF STATE IN THE MINISTRY OF HOUSING AND URBAN AFFAIRS
(SHRI TOKHAN SAHU)

- (a): Water Supply and Sanitation is a State/Urban Local Bodies (ULBs) subject. The responsibility of supplying water in Delhi is with Delhi Jal Board (DJB). As per latest Central Public Health & Environmental Engineering Organisation (CPHEEO) Manual, the water requirement for Metropolitan and Mega cities provided with piped water supply, where sewerage system also exists is 150 Liters per capita per day (LPCD).
- (b): Government of NCT of Delhi has submitted that Delhi Jal Board (DJB) is producing and transmitting 990 Million Gallons per Day (MGD). As such average 163 LPCD is being supplied through DJB pipe network in various areas of Delhi.
- (c): Government of NCT of Delhi has submitted that water supplied by DJB is insufficient as per the per capita norm and there is gap of about 160 MGD in demand and supply.

(d): Government of NCT of Delhi has submitted that there are 14 circles of DJB which are deploying water tankers for 68 Nos. Assembly Constituencies' areas. The month wise list of Water Tankers deployed by DJB since April 2019 is enclosed as Annexure-I.

(e): Government of NCT of Delhi has submitted that as per allocation, 1050 Cusec (568 MGD) water is allocated from Munak Headwork (Haryana) to Delhi through Carrier Lined Channel (CLC) & Delhi Sub Branch (DSB) canals. Month wise receipts of raw water to Delhi contact point after losses since April 2019 is enclosed as Annexure-II.

ANNEXURE-I REFERRED TO REPLY IN PART (d) OF UNSTARRED QUESTION NO. 729 REGARDING “WATER SUPPLY IN DELHI”, DUE FOR WRITTEN ANSWER IN THE RAJYA SABHA ON 29.07.2024

Month wise list of tankers deployed by DJB since April-2019 (about 5 years) is as below:

Month/Year	No. of tankers
Apr-19	1093
May-19	1111
Jun-19	1114
Jul-19	1126
Aug-19	1118
Sep-19	1111
Oct-19	1098
Nov-19	1050
Dec-19	1042
Jan-20	1042
Feb-20	1042
Mar-20	1039
Apr-20	1039
May-20	1059
Jun-20	1108
Jul-20	1110
Aug-20	1102
Sep-20	1096
Oct-20	1096
Nov-20	1096
Dec-20	1095
Jan-21	1135
Feb-21	1136
Mar-21	1136
Apr-21	1182
May-21	1198
Jun-21	1200
Jul-21	1204
Aug-21	1215
Sep-21	1224
Oct-21	1211
Nov-21	1185
Dec-21	1181
Jan-22	1154
Feb-22	1157
Mar-22	1169
Apr-22	1198
May-22	1244
Jun-22	1273
Jul-22	1296
Aug-22	1313
Sep-22	1309
Oct-22	1243

Month/Year	No. of tankers
Nov-22	1222
Dec-22	1213
Jan-23	1184
Feb-23	1186
Mar-23	1211
Apr-23	1230
May-23	1286
Jun-23	1323
Jul-23	1353
Aug-23	1320
Sep-23	1299
Oct-23	1290
Nov-23	1262
Dec-23	1249
Jan-24	888
Feb-24	878
Mar-24	881
Apr-24	1000
May-24	1061
Jun-24	1211
Jul-24	1211
Total	74108

ANNEXURE-II REFERRED TO REPLY IN PART (e) OF UNSTARRED QUESTION NO. 729 REGARDING “WATER SUPPLY IN DELHI”, DUE FOR WRITTEN ANSWER IN THE RAJYA SABHA ON 29.07.2024

Month wise receipts of raw water to Delhi contact point after losses since April 2019

Month	Total CLC flow (cusec)	Total DSB flow (cusec)	Total flow of CLC & DSB (cusec)	Total CLC (MGD)	Total DSB (MGD)	Total MGD of (CLC & DSB)
Apr-19	18666.3	10188.9	28855.2	10079.8	5502.01	15581.81
May-19	19523.8	8793.46	28317.26	10542.35	4748.47	15291.32
Jun-19	18759.3	6114.9	24874.2	10130.02	3302.05	13432.07
Jul-19	19304.01	6767.61	26071.62	10424.17	3654.51	14078.67
Aug-19	19319.2	6893.16	26212.36	10432.37	3722.31	14154.67
Sep-19	17503.2	5799.9	23303.1	9451.73	3131.95	12583.67
Oct-19	19374.69	9252	28626.69	10462.33	4996.08	15458.41
Nov-19	18987.9	11158.76	30146.66	10253.47	6025.73	16279.2
Dec-19	20502.16	11214.56	31716.72	11071.17	6055.86	17127.03
Jan-20	20431.48	12002.89	32434.37	11033	6481.56	17514.56
Feb-20	18577.98	10464.65	29042.63	10032.11	5650.91	15683.02
Mar-20	19436.07	11757.68	31193.75	10495.48	6349.15	16844.63
Total	230386.09	110408.47	340794.56	124408	59620.59	184029.06

Month	Total CLC flow (cusec)	Total DSB flow (cusec)	Total flow of CLC & DSB (cusec)	Total CLC (MGD)	Total DSB (MGD)	Total MGD of (CLC & DSB)
Apr-20	18395.1	11007	29402.1	9933.35	5943.78	15877.13
May-20	19116.15	9925.89	29042.04	10322.72	5359.98	15682.7
Jun-20	18295.8	8794.8	27090.6	9879.73	4749.19	14628.92
Jul-20	19200.47	7450.85	26651.32	10368.25	4023.46	14391.71
Aug-20	18379.59	9383.7	27763.29	9924.98	5067.2	14992.18
Sep-20	17339.7	8101.8	25441.5	9363.44	4374.97	13738.41
Oct-20	17101.46	11291.4	28392.86	9234.79	6097.36	15332.14
Nov-20	15780	13932.33	29712.33	8521.2	7523.46	16044.66
Dec-20	17053.1	13750.98	30804.08	9208.67	7425.53	16634.2
Jan-21	17943.73	14249.15	32192.88	9689.61	7694.54	17384.16
Feb-21	16168.04	11606.84	27774.88	8730.74	6267.69	14998.44
Mar-21	18122.29	12332.73	30455.02	9786.04	6659.67	16445.71
Total	212895.43	131827.47	344722.9	114963.52	71186.83	186150.36

Month	Total CLC Flow (cusec)	Total DSB Flow (cusec)	Total flow of CLC & DSB (cusec)	Total CLC (MGD)	Total DSB (MGD)	Total MGD of (CLC & DSB)
Apr-21	17873.7	12884.4	30758.1	9651.8	6957.58	16609.37
May-21	18304.57	13630.39	31934.96	9884.47	7360.41	17244.88
Jun-21	17012.7	11557.5	28570.2	9186.85	6241.05	15427.91
Jul-21	17214.61	12896.62	30111.23	9295.89	6964.17	16260.06

Aug-21	17006.29	12871.2	29877.49	9183.4	6950.45	16133.84
Sep-21	16233.6	13740	29973.6	8766.14	7419.6	16185.74
Oct-21	17546.93	13164	30710.93	9475.34	7108.56	16583.9
Nov-21	17315.4	13741.99	31057.39	9350.32	7420.67	16770.99
Dec-21	18163.52	12702.87	30866.39	9808.3	6859.55	16667.85
Jan-22	18222.42	15540.3	33762.72	9840.11	8391.76	18231.87
Feb-22	16452.52	14152.32	30604.84	8884.36	7642.25	16526.61
Mar-22	18270.16	13422.38	31692.54	9865.89	7248.09	17113.97
Total	209616.42	160303.97	369920.39	113192.87	86564.14	199756.99

Month	Total CLC flow (cusec)	Total DSB flow(cusec)	Total flow of CLC & DSB (cusec)	Total CLC (MGD)	Total DSB(MGD)	Total MGD of (CLC & DSB)
Apr-22	17648.66	13738.48	31387.14	9530.28	7418.78	16949.06
May-22	17648.66	13738.48	31387.14	9530.28	7418.78	16949.06
Jun-22	16911.2	12759.87	29671.07	9132.05	6890.33	16022.38
Jul-22	18089.58	12250.42	30340	9768.37	6615.23	16383.6
Aug-22	18679.46	12267.2	30946.66	10086.91	6624.29	16711.2
Sep-22	18896.65	10182.47	29079.12	10204.19	5498.53	15702.72
Oct-22	20318.45	10309	30627.45	10971.96	5566.86	16538.82
Nov-22	19440.49	10030.51	29471	10497.86	5416.48	15914.34
Dec-22	19311.49	11616.91	30928.4	10428.2	6273.13	16701.34
Jan-23	19561.61	12585.79	32147.4	10563.27	6796.33	17359.6
Feb-23	17692.27	10410.07	28102.34	9553.83	5621.44	15175.25
Mar-23	19988.74	11349.45	31338.19	10793.92	6128.7	16922.62
Total	224187.26	141238.65	365425.91	121061.12	76268.88	197329.99

Month	Total CLC flow (cusec)	Total DSB flow(cusec)	Total flow of CLC & DSB (cusec)	Total CLC (MGD)	Total DSB(MGD)	Total MGD of (CLC & DSB)
Apr-23	19443.22	10574.40	30017.62	10499.34	5710.18	16209.51
May-23	19734.99	11565.83	31300.82	10656.89	6245.55	16902.44
Jun-23	18271.18	11015.76	29286.94	9866.44	5948.51	15814.95
Jul-23	18971.87	12267.23	31239.10	10244.81	6624.30	16869.11
Aug-23	17234.10	11459.91	28694.01	9306.41	6188.35	15494.77
Sep-23	15251.49	10232.25	25483.74	8235.80	5525.42	13761.22
Oct-23	16390.68	11571.54	27962.22	8850.97	6248.63	15099.60
Nov-23	16818.84	12333.92	29152.76	9082.17	6660.32	15742.49
Dec-23	16596.12	12795.09	29391.21	8961.90	6909.35	15871.25
Jan-24	16826.93	12793.90	29620.83	9086.54	6908.71	15995.25
Feb-24	15612.80	13192.37	28805.17	8430.91	7123.88	15554.79
Mar-24	16618.65	13769.05	30387.70	8974.07	7435.29	16409.36
Total	207770.87	143571.25	351342.12	112196.25	77528.49	189724.74