

Main characteristics of reservoirs in Uzbekistan

n	Main reservoirs	Type	Purpose	Type of dam
1	Andijanskoe	in-channel	Irrigation	concrete dam
2	Karkidonskoe	in-channel	Irrigation	earthen dam with loamy screen
3	Kasansaiskoe	in-channel	Irrigation	rock embankment
4	Tashkentskoe	in-channel	Irrigation	earthen dam
5	Akhangaranskoe	in-channel	Irrigation	earthen dam
7	Kamashinskoe	off-channel	Irrigation	dirt fill dam
8	Zaaminskoe	in-channel	Irrigation	fill dam
9	Djizakskoe	off-channel	Irrigation	earthen dam
10	Aktepinskoe	off-channel	Irrigation	earthen dam
11	Akdarinskoe	in-channel	Irrigation	earthen dam
12	Tudakulskoe	off-channel	Irrigation	earthen dam
13	Uchkyzylskoe	off-channel	Irrigation	earthen dam
14	Chartakskoe	in-channel	Irrigation	earthen dam
15	Shorkulskoe	off-channel	Irrigation	earthen dam
16	Gissarskoe	in-channel	Irrigation	earth-to-loamy dam
17	Chimkurganskoe	in-channel	Irrigation	earth-to-rockfill dam
18	Tupolangskoe	in-channel	Irrigation	rock-fill dam
19	Yuzhnosurkhanskoe	in-channel	Irrigation	earthen dam
21	Karaultepinskoe	off-channel	Irrigation	earthen dam
22	Kattakurganskoe	off-channel	Irrigation	earthen dam
23	Kuyumazarskoe	off-channel	Irrigation	earthen dam
24	Pachkamarskoe	in-channel	Irrigation	earthen dam
25	Talimarjanskoe	off-channel	Irrigation	earthen dam

Source: Ministry of Agriculture and Water Resources of the Republic of Uzbekistan

M

n	Main reservoirs	Total storage, million m ³	Usable storage, million m ³	Normal maximum operating level (NMOL)	Level at the Dead storage (BS), m	Average length under NMOL (km)
1	Andijanskoe	1900	1750	906	846	20
2	Karkidonskoe	218,4	211,4	624,15	577	5
3	Kasansaiskoe	165	155	1128,5	1084	5,2
4	Tashkentskoe	250	224	394	372	9
5	Akhangaranskoe	198	185	1070,5	1010	6
7	Kamashinskoe	25	23,8	495,3	484,7	3,1
8	Zaaminskoe	51	30	917	882	3,24
9	Djizakskoe	100	96	372,55	356,5	3,3
10	Aktepinskoe	120	100	347	335	3
11	Akdarinskoe	112,5	110	494,5	480,85	8,5
12	Tudakulskoe	1200	600	224	219,9	15
13	Uchkyzylskoe	160	80	321,5	312,5	5,5
14	Chartakskoe	45	36,1	701,65	683	4
15	Shorkulskoe	394	377	275	262,25	8
16	Gissarskoe	170	161,6	1118	1037	6,8
17	Chimkurganskoe	500	450	488,2	471	17,5
18	Tupolangskoe	500	470	960	824	25
19	Yuzhnosurkhanskoe	800	700	415	399	20
21	Karaultepinskoe	53	50	818	804,5	2
22	Kattakurganskoe	900	876	511	490	17
23	Kuyumazaraskoe	310	263	238	217,7	5,25
24	Pachkamarskoe	1525	1400	400,5	373	14
25	Talimarjanskoe	1525	1400	400,5	373	14

Source: Ministry of Agricult

M

n	Main reservoirs	Average width under NMOL (km)	Maximal depth (m)	Water-surface area under NMOL (km ²)	Maximal height of dam (m)
1	Andijanskoe	6	98	56	121
2	Karkidonskoe	5,5	66	9,533	70
3	Kasansaiskoe	3,5	63	8	64
4	Tashkentskoe	4	31,5	16,2	36,5
5	Akhangaranskoe	1,1	63	2,9	100
7	Kamashinskoe	1,6	14,9	3,82	14,9
8	Zaaminskoe	0,78	73	14	73,5
9	Djizakskoe	5,6	24	13,75	20
10	Aktepinskoe	2	18	11,5	14
11	Akdarinskoe	2,4	23,4	12,7	20
12	Tudakulskoe	14	11,7	162	12
13	Uchkyzylskoe	3,5	40	10	11,5
14	Chartakskoe	1,23	43	2,96	45
15	Shorkulskoe	5,25	36	42,3	14,5
16	Gissarskoe	0,6	130	4,1	138,5
17	Chimkurganskoe	6,8	30	49,2	33
18	Tupolangskoe	0,36	164	8,85	180
19	Yuzhnosurkhanskoe	5,2	27	65	30
21	Karaultepinskoe	4,7	43	8,5	51
22	Kattakurganskoe	8	26,3	84,5	31,2
23	Kuyumazarskoe	3,27	22,8	17,2	23,5
24	Pachkamarskoe	7	40	77,35	71
25	Talimarjanskoe	7	40	77,35	635

Source: Ministry of Agricult

M

n	Main reservoirs	Length of top of dam (m)	Width of top of dam (m)	Project height of wave (m)	Project duration of reservoir sedimentation
1	Andijanskoe	850			
2	Karkidonskoe	420, 210	10 10	0,4	150
3	Kasansaiskoe	290	9	-	non-determined
4	Tashkentskoe	2815	13	0,65	
5	Akhangaranskoe	1933	10	1,5	
7	Kamashinskoe	3100	497,9	1,4	non-determined
8	Zaaminskoe	408	10	1,75	non-determined
9	Djizakskoe	5500	8	2	
10	Aktepinskoe	42	15		non-determined
11	Akdarinskoe	930	10	0,5	non-determined
12	Tudakulskoe	4000	20		
13	Uchkyzylskoe	1750	6	1	non-determined
14	Chartakskoe	1594	6	2,03	non-determined
15	Shorkulskoe	6870	6	-	non-determined
16	Gissarskoe	660	16	2,48	
17	Chimkurganskoe	7700	10	1,7	
18	Tupolangskoe	410	10		
19	Yuzhnosurkhanskoe	4930	10	1,8	
21	Karaultepinskoe	265	8	2,5	non-determined
22	Kattakurganskoe	4040	8	1,1	
23	Kuyumazarskoe	100	23	1,5	
24	Pachkamarskoe	573	8	1,5	
25	Talimarjanskoe	9745	7	2,45	

Source: Ministry of Agricult

M

n	Main reservoirs	Irrigated land area (thousand hectares)	Date of going into operation	Water body
1	Andijanskoe	460		Karadarya
2	Karkidonskoe	112	29.12.1967	Isfayramsay along the Kuvasay channel
3	Kasansaiskoe	31	26.01.1968	Kasansay
4	Tashkentskoe	60		Chirchik downstream
5	Akhangaranskoe	17	1989.	Akhangaran
7	Kamashinskoe	1,6	29.12.1987	Shurasay
8	Zaaminskoe	7,82	1987.	Zaaminsu
9	Djizakskoe	61,72	27.12.1973	Natural narrow gully of Djailmasay
10	Aktepinskoe			Surkhandarya river, left bank
11	Akdarinskoe	4,43		Akdarya
12	Tudakulskoe	11		Natural depression Tudakulskaya
13	Uchkyzylskoe	11,4	29.12.1957	Zang canal, Termiz canal, Surkhandarya river
14	Chartakskoe	1,2		Chartaksay
15	Shorkulskoe	35	1984.	Natural depression on the right bank of Zarafshan river
16	Gissarskoe		03.05.1990	Aksu
17	Chimkurganskoe	88	1963	Kashkadarya
18	Tupolangskoe	91,5	2002	Tupalang
19	Yuzhnosurkhanskoe	167	04.11.1967	Surkhandarya
21	Karaultepinskoe	84	27.12.1983	Eskituyatartar canal
22	Kattakurganskoe	455	08.07.1953	Zarafshan valley, hollow of Shursay and Uzun-Kuduksay
23	Kuyumazarskoe	455	06.02.1960	Zarafshan
24	Pachkamarskoe	15,5	12.04.1961	
25	Talimarjanskoe	380,5	1985	Amudarya, Kashkadarya

Source: Ministry of Agricult

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n	Main reservoirs	River basin	Location
1	Andijanskoe	Syrdarya	Andijan region
2	Karkidonskoe	Syrdarya	Fergana region
3	Kasansaiskoe	Syrdarya	Namangan region
4	Tashkentskoe	Syrdarya	Sredne-Chirchiksky tuman, Tashkent viloyat
5	Akhangaranskoe	Syrdarya	Akhangaranskt tuman, Tashkent viloyat
7	Kamashinskoe	Syrdarya	Kamashinsky tuman, Kashkadarya viloyat
8	Zaaminskoe	Syrdarya	Djizaksky viloyat, Zaaminsky tuman
9	Djizakskoe	Syrdarya	Djizaksky viloyat, Djizaksky tuman
10	Aktepinskoe	Amudarya	Surkhandarya viloyat, Djarkurgansky tuman
11	Akdarinskoe	Amudarya	Samarkand viloyat, Kattakurgansky tuman
12	Tudakulskoe	Amudarya	Kamashinsky tuman, Kashkadarya viloyat
13	Uchkyzylskoe	Amudarya	Surkhandarya viloyat, Termezisky tuman
14	Chartakskoe	Amudarya	Namangan viloyat,
15	Shorkulskoe	Amudarya	Bukhara viloyat, Gizhduvansky tuman
16	Gissarskoe	Amudarya	Shakhrisyabsky tuman, Kashkadarya viloyat
17	Chimkurganskoe	Amudarya	Kamashinsky tuman, Kashkadarya viloyat
18	Tupolangskoe	Amudarya	Saryasinsky tuman, Surkhandarya viloyat
19	Yuzhnosurkhanskoe	Amudarya	Kumkurgansky tuman, Surkhandarya viloyat
21	Karaultepinskoe	Amudarya	Djizak viloyat, Gallayaaralsky tuman
22	Kattakurganskoe	Amudarya	Kattakurgansky tuman, Samarkand viloyat
23	Kuyumazarskoe	Amudarya	Kyzyltepinsky tuman, Navoi viloyat
24	Pachkamarskoe	Amudarya	Guzarsky tuman,
25	Talimarjanskoe	Amudarya	Nishansky tuman, Kashkadarya viloyat Кашкадарынский вилоят

Source: Ministry of Agricult