

Reservoirs in the Syrdarya river basin

№	Reservoir	State	Region	Source (river, canal)	Type	Operating mode	Purpose	Year of putting into operation	Volume, million m ³	
									total storage	usable storage
1	Toktogulskoe	Kyrgyzstan	Djalalabad	Naryn	In-channel	Over-year regulation	Irrigation/ Power engineering	1974	19500	14000
2	Kurpsaiskoe	Kyrgyzstan	Djalalabad	Naryn	In-channel	Daily regulation	Power engineering	1978	370	35
3	Bazarkurgonskoe	Kyrgyzstan	Djalalabad	Karaunkursay	Off-channel	Seasonal regulation	Irrigation	1963	22,5	20
4	Naimanskoe	Kyrgyzstan	Osh	Aravansay	Off-channel	Seasonal regulation	Irrigation	1966	80	80
5	Tortkulskoe	Kyrgyzstan	Osh	Isfara	In-channel	Seasonal regulation	Irrigation	1975	90	75
6	Papanskoe	Kyrgyzstan	Osh	Akbura	In-channel	Over-year regulation	Irrigation	1980	260	240
7	Tashkumyrskoe	Kyrgyzstan	Osh	Naryn	In-channel	Daily regulation	Power engineering	2001	140	
8	Uchkurganskoe	Kyrgyzstan	Osh	Naryn	In-channel	Daily regulation	Power engineering	1962	56,4	
1	Kasansayskoe	Uzbekistan	Osh	Kasansay, Uryukty, Alabuka	In-channel	Seasonal regulation	Irrigation	1968	165	155
2	Kurgantepinskoe	Uzbekistan	Fergana	Arabtepasay, Kemkulsay	Off-channel	Seasonal regulation	Irrigation	1978	28,7	28,5
3	Shorsuiskoe	Uzbekistan	Fergana	Achchisu	In-channel	Seasonal regulation	Irrigation	1987	10	9,7
4	Karkidonskoe	Uzbekistan	Fergana	Kuvasay, Karadarya	Off-channel	Seasonal regulation	Irrigation	1967	218,4	211,4
5	Arnsaiskoe	Uzbekistan	Djizak	Syrdarya	Off-channel	Seasonal regulation	Irrigation	1992	1000	870
6	Naukinskoe	Uzbekistan	Djizak	Naukasay, Bakhmazarsay	Off-channel	Seasonal regulation	Irrigation	1980	6,0	5,5
7	Djizakskoe	Uzbekistan	Djizak	Sanzarsay	Off-channel	Seasonal regulation	Irrigation	1973	100	90

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8	Zaaminskoe	Uzbekistan	Djizak	Zaaminsu	In-channel	Seasonal regulation	Irrigation	1987	51	30
9	Rezaksaiskoe	Uzbekistan	Namangan	Syrdarya	Off-channel	Seasonal regulation	Irrigation	2007	200	198
10	Zarkentskoe	Uzbekistan	Namangan	Padshaatasay	Off-channel	Seasonal regulation	Irrigation	1983	25	24,5
11	Karasuvskoe	Uzbekistan	Namangan	Isparan-Shavand	In-channel		Irrigation	1977	3	2,5
12	Varzykskoe	Uzbekistan	Namangan	Gavasay, Galaba	In-channel	Seasonal regulation	Irrigation	1992	18,2	17,8
13	Eskierskoe	Uzbekistan	Namangan	Namangansay	Off-channel	Seasonal regulation	Irrigation	1978	18,5	17,9
14	Koksereksaiskoe	Uzbekistan	Namangan	Kuruksay, Koksereksay	Off-channel	Seasonal regulation	Irrigation	1979	6,42	5,7
15	Djidalisaiskoe	Uzbekistan	Namangan	Chadaksay	Off-channel		Irrigation	Не сдан	47,7	46,5
16	Chartakskoe	Uzbekistan	Namangan	Chartaksay	In-channel	Seasonal regulation	Irrigation	1989	30	21,1
17	Andijanskoe	Uzbekistan	Andijan	Karadarya	In-channel	Over-year regulation	Irrigation	1978	1900	1750
18	Asaka-Adyrskoe	Uzbekistan	Andijan	Karadarya, Sharikhansay	Off-channel	Seasonal regulation	Irrigation	1981	3,5	3,1
19	Atchaparskoe	Uzbekistan	Andijan	Karadarya, Andijansay	Off-channel	Seasonal regulation	Irrigation	1979	7,0	6,5
20	Tashkentskoe	Uzbekistan	Tashkent	Akhangaran	In-channel	Seasonal regulation	Irrigation	1963	250	224
21	Akhangaranskoe	Uzbekistan	Tashkent	Akhangaran	In-channel	Seasonal regulation	Irrigation	1989	198	185
22	Charvakskoe	Uzbekistan	Tashkent	Chirchik	In-channel	Seasonal regulation	Irrigation/ Power engineering	1977	2006	1580
23	Khodjikentskoe	Uzbekistan	Tashkent	Chirchik	In-channel	Daily regulation	Power engineering	1977	31,0	9,0
24	Gazalkentskoe	Uzbekistan	Tashkent	Chirchik	In-channel	Daily regulation	Power	1977	16,0	7,0

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25	Sarmychsaiskoe	Uzbekistan	Syrdarya	Sarmychsay	In-channel/ off-channel	Seasonal regulation	Irrigation	1984	4,3	4,0
26	Khodjamushkentskoe	Uzbekistan	Syrdarya	Khodjimushkentsay	In-channel	Seasonal regulation	Irrigation	1982	8,0	8,0
1	Kairakkumskoe	Tajikistan	Sogd	Syrdarya	In-channel	Seasonal regulation	Irrigation/ Power engineering	1956	4000	2500
2	Farkhadskoe	Tajikistan	Sogd	Syrdarya	In-channel	Daily regulation	Power engineering	1948	330	265
3	Kattasaiskoe	Tajikistan	Sogd	Kattasay	In-channel	Seasonal regulation	Irrigation	1965	55	34
4	Daganasaiskoe	Tajikistan	Sogd	Daganasay	Off-channel		Irrigation	1985	28	14
1	Ters-Ashibulakskoe	Kazakhstan	Southern-Kazakhstan	Ters	In-channel	Seasonal regulation	Irrigation	1963	159	158
2	Kuruksaiskoe	Kazakhstan	Southern-Kazakhstan	Keles, Chirchik	Off-channel			1990	650	600
3	Chardarinskoe	Kazakhstan	Southern-Kazakhstan	Syrdarya	In-channel	Seasonal regulation	Irrigation/ Power engineering	1965	5200	4700
4	Berezovskoe	Kazakhstan	Southern-Kazakhstan	Arys	In-channel			1980	480	340
5	Bugunskoe	Kazakhstan	Southern-Kazakhstan	Bugun, Arys	In-channel/off-channel	Seasonal regulation	Irrigation	1967	370	363
6	Badamskoe	Kazakhstan	Southern-Kazakhstan	Badam, Sairamsu	Off-channel	Seasonal regulation	Irrigation	1974	61,5	59
7	Toguzskoe	Kazakhstan	Southern-Kazakhstan	Toguz, Sairamsu	In-channel	Daily regulation	Irrigation/ Промышленность	1964	4,6	3,1
8	Koshkurganskoe	Kazakhstan	Southern-Kazakhstan	Karachik	In-channel	Daily regulation	Irrigation	1982	37,3	36,3
9	Shert	Kazakhstan	Southern-Kazakhstan	Shert	In-channel	Daily regulation	Irrigation	1927	2,7	2,7
10	Sasyk-Bulak	Kazakhstan	Southern-Kazakhstan	Jana-Kurgan	In-channel	Daily regulation	Irrigation	1942	5,5	4,9
11	Ak-Tobe	Kazakhstan	Southern-Kazakhstan	Aktobe	In-channel	Daily regulation	Irrigation	1988	8,74	8,74

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12	Kapshagaiskoe	Kazakhstan	Southern-Kazakhstan	Shayan	In-channel	Daily regulation	Irrigation	1983	34	32	
13	Dosa-Karabas	Kazakhstan	Southern-Kazakhstan	Aktas, Karabas	Off-channel	Daily regulation	Irrigation	1929	6,2	5,6	
14	Akylbelsay	Kazakhstan	Southern-Kazakhstan	Keles	Off-channel	Daily regulation	Irrigation	1987	26	25	
15	Irmak-Ozen	Kazakhstan	Southern-Kazakhstan	Irmak	In-channel	Daily regulation	Irrigation	1968	9,2	8,7	
16	Maidantal	Kazakhstan	Southern-Kazakhstan	Maidantal	In-channel	Daily regulation	Irrigation	1978	8,5	8	
17	Sasyk-Bulak	Kazakhstan	Southern-Kazakhstan	Yangikurgon	In-channel	Daily regulation	Irrigation	1942	5,5	5,3	
18	Shylbyr	Kazakhstan	Southern-Kazakhstan	Shylbyr	In-channel	Daily regulation	Irrigation	1983	4,85	4,72	
19	Uzyn-bulak	Kazakhstan	Southern-Kazakhstan	Uzyn-Bulak	In-channel	Daily regulation	Irrigation	1987	1,5	1,4	
20	Aschi	Kazakhstan	Southern-Kazakhstan	Aschi	In-channel	Daily regulation	Irrigation	1998	0,4	0,3	
21	Koksaraiskoe	Kazakhstan	Southern-Kazakhstan	Syrdarya	Off-channel	Seasonal regulation	Irrigation	2009	3000	2500	
8	Total for the basin states	Kyrgyzstan								20519	14450
26		Uzbekistan								6352	5511
4		Tajikistan								4413	2813
21		Kazakhstan								10075	8867
59	Total for the basin states									41359	31640

Source: BWO "Syrdarya"; CAREWIB IS; Irrigation of Uzbekistan, Vol. IV. Technical progress in irrigation (1981)