

Reservoirs in the Amudarya river basin

№	Reservoir	State	Region	Source (river, canal)	Type	Operating mode	Purpose	Year of putting into operation	Volume, million m ³	
									total storage	total storage
1	Nurekskoe	Tajikistan	Khatlon	Vakhsh	In-channel	Seasonal regulation	Irrigation/ power engineering	1972	10500	4500
2	Golovnoe	Tajikistan	Khatlon	Vakhsh	In-channel		Irrigation/ power engineering	1966	94,5	18
3	Sangtuda 1	Tajikistan	Khatlon	Vakhsh	In-channel	Seasonal regulation	Power engineering	2008	258	120
4	Sangtuda 2	Tajikistan	Khatlon	Vakhsh	In-channel	Seasonal regulation	Power engineering	unleased	75	5
5	Baipazinskoe	Tajikistan	Khatlon	Vakhsh	In-channel	Seasonal regulation	Irrigation/ power engineering	1984	97	97
6	Muminabadskoe	Tajikistan	Khatlon	Obisurkh	Off-channel		Irrigation	1965	31	30
7	Selburskoe	Tajikistan	Khatlon	Kzylsu	Off-channel		Irrigation	1965	26	17
8	Rogunskoe	Tajikistan	Khatlon	Vakhsh	Off-channel	Perennial regulation	Irrigation/ power engineering	unleased	13300	8600
9	Perepadnoe	Tajikistan	Khatlon	Vakhsh	In-channel	Daily regulation	Power engineering	1960		
10	Centralnoe	Tajikistan	Khatlon	Vakhsh	In-channel	Daily regulation	Power engineering	1964		
11	Nijne-Kafirniganskoe	Tajikistan	Khatlon	Kafirnigan	Off-channel	Seasonal regulation	Irrigation / water supply	unleased	905	583
12	Pamirskoe	Tajikistan	Khatlon	Khanaka	In-channel	Daily regulation	Power engineering	unleased		
1	Zeidskoe	Turkmenistan	Lebap	Amudarya, Karakumskiy	Off-channel	Seasonal regulation	Irrigation / water supply	1960	3600	3100
2	Tashkeprinskoe	Turkmenistan	Mary	Murgab	In-channel	Seasonal regulation	Irrigation	1941	166	148
3	Saryyazinskoe	Turkmenistan	Mary	Murgab	In-channel	Seasonal regulation	Irrigation	1960	263	250
4	Kolkhozbentskoe	Turkmenistan	Mary	Murgab	In-channel	Seasonal regulation	Irrigation	1941	30	30

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5	Iolotenskoe	Turkmenistan	Mary	Murgab	In-channel	Seasonal regulation	Irrigation	1910	24	24
6	Middle Gindukush	Turkmenistan	Mary	Murgab, Karakumskiy	Off-channel	Seasonal regulation	Irrigation	1895	15	15
7	Lower Gindukush	Turkmenistan	Mary	Murgab, Karakumskiy	Off-channel	Seasonal regulation	Irrigation	1895	16	16
8	Khauzkhanskoe	Turkmenistan	Mary	Amudarya, Karakumskiy	Off-channel	Seasonal regulation	Irrigation	1962	460	435
9	Dostluskoe	Turkmenistan	Akhal	Tedjen	In-channel	Seasonal regulation	Irrigation	2005	1250	1000
10	Tedjenskoe I	Turkmenistan	Akhal	Tedjen, Karakumskiy	In-channel	Seasonal regulation	Irrigation	1950	150	142
11	Tedjenskoe II	Turkmenistan	Akhal	Tedjen, Karakumskiy	In-channel	Seasonal regulation	Irrigation	1960	183	180
12	Khor-Khorskoe	Turkmenistan	Akhal	Tedjen	Off-channel	Seasonal regulation	Irrigation	1960	18	17
13	Kopet-Dagskoe	Turkmenistan	Akhal	Amudarya, Karakumskiy	Off-channel	Seasonal regulation	Irrigation	1962	550	522
14	Danatiyskoe	Turkmenistan	Akhal	Amudarya, Karakumskiy	Off-channel	Seasonal regulation	Irrigation	1985	435	387
15	Madlusskoe	Turkmenistan	Akhal	Amudarya, Karakumskiy	Off-channel	Seasonal regulation	Irrigation	1985	700	650
16	Zapadnoe	Turkmenistan	Akhal	Amudarya, Karakumskiy	Off-channel	Seasonal regulation	Irrigation	1962	48	38
17	Delili	Turkmenistan	Mary	Atrek			Irrigation	1970	16	16
18	Kyzyl-Ay	Turkmenistan	Mary	Atrek			Irrigation	1966	5,3	5,3
19	Mamed-Kul	Turkmenistan	Mary	Atrek			Irrigation	1964	31	31
1	Yuzhnosurkhanskoe	Uzbekistan	Surkhandarya	Surkhandarya	In-channel	Seasonal regulation	Irrigation	1967	800	700
2	Tupalangskoe	Uzbekistan	Surkhandarya	Tupalang	In-channel	Seasonal regulation	Irrigation	1992	500	470
3	Degrezskoe	Uzbekistan	Surkhandarya	Tupalang, Khazarbag	Off-channel	Seasonal regulation	Irrigation	1961	12,8	12,2
4	Uchkyzylskoe	Uzbekistan	Surkhandarya	Surkhandarya, Amu-Zang	Off-channel	Seasonal	Irrigation	1957	160	80

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5	Aktepinskoe	Uzbekistan	Surkhandarya	Surkhandarya, Amu-Zang	Off-channel	Seasonal regulation	Irrigation	1978	120	100
6	Gissarskoe	Uzbekistan	Kashkadarya	Kashkadarya, Akdarya	In-channel	Seasonal regulation	Irrigation/ power engineering	1990	170	161,6
7	Chimkurganskoe	Uzbekistan	Kashkadarya	Kashkadarya	In-channel	Seasonal regulation	Irrigation	1963	500	450
8	Akbayskoe	Uzbekistan	Kashkadarya	Kashkadarya	In-channel		Irrigation	1980	110	90
9	Yangikurganskoe	Uzbekistan	Kashkadarya	Yakkabagdarya	Off-channel		Irrigation	1975	3,3	2,8
10	Karamurdscoe	Uzbekistan		Waste and drainage water	Off-channel	Seasonal regulation	Irrigation	1968	18,2	0,8
11	Nugaliyskoe	Uzbekistan	Kashkadarya	Yakkabagdarya, Pakhtakor			Irrigation	1972	13,5	2,5
12	Shurapsayskoe	Uzbekistan	Kashkadarya	Aksuv, Ankhor-2	In-channel/ off-channel		Irrigation	1977	2,0	1,7
13	Lyangarskoe	Uzbekistan	Kashkadarya	Lyangar	In-channel	Seasonal regulation	Irrigation	1973	7,35	5,26
14	Kyzylsuyskoe	Uzbekistan	Kashkadarya	Tyrna-Bulak	In-channel	Seasonal regulation	Irrigation	1991	9,0	8,0
15	Kamashinskoe	Uzbekistan	Kashkadarya	Karabagdarya	Off-channel	Seasonal regulation	Irrigation	1987	25,0	23,8
16	Karabagskoe	Uzbekistan	Kashkadarya	Karabagdarya	In-channel	Seasonal regulation	Irrigation	1977	7,5	6,3
17	Dekhkanabadskoe	Uzbekistan	Kashkadarya	Kichikurdarya	In-channel	Seasonal regulation	Irrigation	1991	18,4	15,4
18	Pachkamarskoe	Uzbekistan	Kashkadarya	Guzardarya	In-channel	Seasonal regulation	Irrigation	1968	260	250
19	Talimardjanskoe	Uzbekistan	Kashkadarya	Amudarya, Karshi canal	Off-channel	Seasonal regulation	Irrigation	1985	1525	1400
20	Kalkaminskoe	Uzbekistan	Kashkadarya	Kumdarya	Off-channel	Seasonal regulation	Irrigation	1987	9,5	9,35
21	Kattakurganskoe	Uzbekistan	Samarkand	Zarafshan	Off-channel	Perennial regulation	Irrigation	1953	900	876

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22	Sabirsayskoe	Uzbekistan	Samarkand	Esky-Angar, Sabirsay	Off-channel	Seasonal regulation	Irrigation	1984	8,0	5,5
23	Akdarinskoe	Uzbekistan	Samarkand	Akdarya	Off-channel	Seasonal regulation	Irrigation	1989	113	110
24	Karasuyskoe	Uzbekistan	Samarkand	Karasu	In-channel	Seasonal regulation	Irrigation	1988	27,6	25,4
25	Karatepinskoe	Uzbekistan	Samarkand	Karatepasay	In-channel	Seasonal regulation	Irrigation	1982	19,0	18,4
26	Tusunsayskoe	Uzbekistan	Samarkand	Tusunsay	In-channel	Seasonal regulation	Irrigation	1990	42,0	36,5
27	Karaultepinskoe	Uzbekistan	Джизакская	Zarafshan, Esky-Tyuyutartar	Off-channel	Seasonal regulation	Irrigation	1987	53,0	50,0
28	Tudakulskoe	Uzbekistan	Bukhara	Amudarya, Amu-Bukharsky canal	Off-channel	Seasonal regulation	Irrigation	1979	1200	600
29	Shorkulskoe	Uzbekistan	Bukhara	Amudarya, Amu-Bukharsky canal, Zarafshan, Kanimekh	Off-channel	Seasonal regulation	Irrigation	1977	170	153,0
30	Kuyumazarskoe	Uzbekistan	Bukhara	Amudarya, Zarafshan	Off-channel	Seasonal regulation	Irrigation	1958	310	253
31	Tyuyamuyunskoe	Uzbekistan	Khorezm	Amudarya	In-channel/off-channel	Seasonal regulation	Irrigation / power engineering / water supply	1980	7800	5270
32	Mezhdurechenskoe	Uzbekistan	Karakalpakstan	Amudarya	Off-channel		Irrigation		450	400
12	Total for the basin states	Tajikistan							25287	13970
19		Turkmenistan							7960	7006
32		Uzbekistan							15364	11588
63	Total for the basin								48610	32564

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