

## List of large dams in Central Asia

Turkmenistan

Source:

UNECE

Water series n 5

**Dam safety in Central Asia:  
capacity building and regional cooperation**

New York and Geneva, 2007



Name of hydraulic project	Year of completion	River/basin	Type of dam	Purpose of the project	Dam height, m	Dam crest length, m	Dam volume (m3 x 1000)	Reservoir water storage, (mln. m3)	Power station, installed capacity (kWt x 1000)	Operating organization
1	2	3	4	5	6	7	8	9	10	11
Gindikushskie Middle and Lower	1895 Reconstruction 1953	Murgab Maryisky Oasis	Earthfill	Irrigation	7	175	115	31	-	Minvodkhoz
Delili	1970	Etrek	Earthfill	Irrigation	3,5	5000	540	16	-	Minvodkhoz
Elotensky	1910	Murgab Maryisky Oasis	Earthfill	Irrigation	12,7	1300	690	24	-	Minvodkhoz
Western (Kurtlinsky)	1962	Karakum-river	hydraulic fill embankment	Water Supply	10	9400	24,5	48	-	Minvodkhoz
Kolkhozbentskoe	1941	Murgab Maryisky Oasis	Earthfill	Streamflow control	4,5	13000		30	-	Minvodkhoz
Kopetdagsky (Geoktepinsky)	1975	Karakum-river, 850 km	hydraulic fill embankment	Irrigation	24	14500	158	550	-	Minvodkhoz
Kyzyl-Ai	1966	Atrek	Earthfill	Irrigation	4,4	2000	340	5,3	-	Minvodkhoz
Mamed-Kul	1964	Atrek	Earthfill	Irrigation	7,05	175	115	31	-	Minvodkhoz
Oguzkhansky (Khauzhansky)	1964 Reconstruction 1967 and 1975	Karakum-river, 456 km	hydraulic fill embankment	Irrigation	15	35000	32000	460	-	Minvodkhoz
Pulikhatunsky ("Dostluk")	2005	Tedjen	Gravel-sand with loam core	Irrigation	78	660	5060	1250		Minvodkhoz
Tedjensky	1986 Reconstruction	Murgab Maryisky Oasis	hydraulic fill embankment	Irrigation Flood-control	39	5400	8400	263	-	Minvodkhoz
Tedjensky I (ancillary capacity)	1950 Reconstruction 1978	Tedjen	Earth combined: dry-placed and hydraulic-fill	Irrigation	20,5	7400	40,4	150	-	Minvodkhoz
Tedjensky II	1960	Tedjen	Earth combined: dry-placed and hydraulic-fill	Irrigation	8,5	10200	10500	183	-	Minvodkhoz
Khor-Khorsky	1960	Tedjen	Earthfill	Irrigation	8	1552	470	18		Minvodkhoz
Zeyidsky	<i>Under construction</i>	<i>Karakum-river</i>	<i>hydraulic fill embankment</i>	<i>Irrigation</i>	17	18000	41250	3600		
Danatiysky	1985	<i>Karakum-river</i>	<i>hydraulic fill embankment</i>	<i>Irrigation</i>				435		
Madlussky	1985	<i>Karakum-river</i>	<i>hydraulic fill embankment</i>	<i>Irrigation</i>	14	21500	81	700		
Tashkeprinsky	1941	Murgab		<i>Irrigation</i>				166		
<i>Murgabsky (Kulanbaisky)</i>	<i>Project</i>	<i>Murgab Maryisky Oasis</i>	<i>Earth</i>	<i>Flood-control Irrigation</i>	34,5	23300	34,5	1000		

<i>Sarakhssky</i>	<i>Project</i>	<i>Tedjen</i>	<i>hydraulic fill embankment</i>	<i>Irrigation</i>	<i>16,5</i>	<i>14000</i>	<i>87</i>	<i>700</i>		
<i>Soltandeshskoe</i>	<i>Project</i>	<i>Artyk</i>	<i>Earth</i>	<i>Irrigation</i>	<i>14</i>	<i>22000</i>	<i>80</i>	<i>220</i>		
<i>Tagtynsky</i>	<i>Project</i>	<i>Turkmen-Darya</i>	<i>Earth</i>	<i>Irrigation</i>	<i>17,6</i>	<i>10400</i>	<i>32,0</i>	<i>800</i>		
<i>Chatsky</i>	<i>Project</i>	<i>Atrek</i>	<i>Earthfill</i>	<i>Irrigation</i>	<i>56,3</i>	<i>5000</i>		<i>760</i>		
<i>Shorkelsky</i>	<i>Project</i>	<i>Теджен</i>	<i>hydraulic fill embankment</i>	<i>Flood-control Irrigation</i>	<i>26</i>	<i>20000</i>	<i>53</i>	<i>1500</i>		

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