

## Water intake structures in Kyrgyzstan

### Technical data

#### Issyk-Kul province

n	Name	River (canal)	Purpose (irrigation, municipal, other)	River basin	Capacity (m <sup>3</sup> /sec)	Away from river/canal outlet (km)	Start-up year
1	Water-intake facility - Komsomolsky canal	Djergalan river	irrigation	Issyk-Kul	42	20,8	1958
2	Head regulator (Sredne-Maevsky canal)	Djergalan river	irrigation	Issyk-Kul	10	12,5	1945
3	Water-intake facility (Staro-Maevsky canal)	Djergalan river	irrigation	Issyk-Kul	2	19,8	1954
4	Water-intake facility (Karadjal canal)	Ak-Suu-Arashan river	irrigation	Issyk-Kul	15	18,7	1995
5	Water-intake facility (Ppobeda canal)	Ak-Suu-Arashan river	irrigation	Issyk-Kul	15	13,7	1959
6	Head regulator (Spiridonov canal)	Ak-Suu-Arashan river	irrigation	Issyk-Kul	5	13,7	1932
7	Head regulator (Sovety canal)	Ak-Suu-Arashan river	irrigation	Issyk-Kul	5	13,7	1934
8	Head regulator (M.K-2 canal)	Karakol river	irrigation	Issyk-Kul	2,5	8,8	1970
9	Head regulator (M.K-1 canal)	Karakol river	irrigation	Issyk-Kul	3	3,3	1965
10	Water-intake facility (M.K-6 canal)	Karakol river	irrigation	Issyk-Kul	12	5	1957
11	Water-intake facility (M.K-4 feeder canal)	Irдыk river	irrigation	Issyk-Kul	3	0,25	1959
12	Head regulator (Ak-Kochkor canal)	Jeti-Oguz river	irrigation	Issyk-Kul	2,5	0,336	1954
13	Head regulator (Say canal)	Jeti-Oguz river	irrigation	Issyk-Kul	4	11,35	1930
14	Water intake structure (canals: Levaya magistral, Pravaya magistral)	Jeti-Oguz river	irrigation	Issyk-Kul	5	1,8	1964
15	Head regulator – automatic machine (Polyansky canal)	Chon Kyzyl-Suu river	irrigation	Issyk-Kul	6	0,1	1982
16	Water intake automatic board (Bolshoy canal)	Chon Kyzyl-Suu river	irrigation	Issyk-Kul	7	0,9	1980
17	Head intake structure (Sbrosnoy canal)	Orto Baisorum river	irrigation	Issyk-Kul	2	4,9	1980
18	Head intake structure (5-Vostochny canal)	Tegirmenty river	irrigation	Issyk-Kul	2	5,2	1962
19	Head intake structure (2-Vostochny canal)	Kichi Ak-Suu river	irrigation	Issyk-Kul	4	1,17	1962
20	Head intake structure (3-Zapadny canal)	Chet Baisorum river	irrigation	Issyk-Kul	15,5	4,48	1978
21	Head intake structure (Klinsky canal)	Kichi Ak-Suu river	irrigation	Issyk-Kul	5	2,8	1966
22	Head intake structure (3-Vostochny canal)	Chon Ak-Suu river	irrigation	Issyk-Kul	20	1	1966
23	Head intake structure (3-Scastlivy canal)	Cholponata river	irrigation	Issyk-Kul	5	1,9	1968
24	Head intake structure (Choktal canal)	Choktal river	irrigation	Issyk-Kul	0,8	2,3	1966
25	Head intake structure (M.K-1 canal)	Chu river	irrigation		1,2	7,2	1978
26	Head intake structure Ak-Terek	Alagoz river	irrigation	Issyk-Kul	3	6,2	1968
27	Head intake structure Ak-say	Ak-Say river	irrigation	Issyk-Kul	2,5	18	1998

n	Name	River (canal)	Purpose (irrigation, municipal, other)	River basin	Capacity (m <sup>3</sup> /sec)	Away from river/canal outlet (km)	Start-up year
28	Head intake structure Bugutu	Kazhysaz	irrigation	Issyk-Kul	0,5	14	1991
29	Head intake structure "Bor-Dobo"	Ton	irrigation	Issyk-Kul	2	14	1976
30	Head intake structure Ton	Ton	irrigation	Issyk-Kul	3,5	20	1975
31	Head intake structure Jeruy	Jeruy	irrigation	Issyk-Kul	2,5		2002
32	Head intake structure (Tyupsky canal)	Tyup river	irrigation	Issyk-Kul	12	0	1910
33	Head intake structure (Kalmak canal)	Tyup river	irrigation	Issyk-Kul	1,5	5	1985
34	Head regulator (Melnichny canal)	V. and Z. Shinaty rivers	irrigation	Issyk-Kul	0,6	0,3	1974

**Talas province**

n	Name	River	Type	Purpose (irrigation, municipal, other)	River basin	Capacity (m <sup>3</sup> /sec)	Start-up year	Distance from river/canal outlet to head intake structure (km)
<b>Manass province</b>								
1	Water intake (Saza canal)	Talas	regulator	irrigation	Talas	4,0	1948	0,1
2	Water intake (Baisu canal)	Talas	regulator	irrigation	Talas	2,0	1948	0,1
<b>hydrological site of BWA</b>								
4	Water intake (Novaya Kairma canal)	Talas	dam intake	irrigation	Talas	10,0	1976	-
5	Water intake (Kalininsky canal)	Besh-Tash	regulator	irrigation	Talas	1,5	1960	0,6
6	Water intake (Levoberezhny canal)	Talas	regulator	irrigation	Talas	6,5	1961	0,25
7	Water intake (BTK canal)	Talas	dam intake	irrigation	Talas	12,0	1976	-

Chu province

n	Name	Type (well, pumping station, other)	Purpose (irrigation, municipal, other)	River basin	Capacity (m3/sec)	Start-up year	Distance from river/canal outlet to head intake structure (km)
1	Head intake structure (Chu river, ВБЧК)	dam intake	irrigation	Chu	350,0	1956	140,0
2	Head intake structure Chu river, ЗБЧК)	dam intake	irrigation	Chu	350,0	1952	172,0
3	Chumysh waterworks facility АМК	dam intake	irrigation	Chu	650,0	1932	226,0
4	Head intake structure (Alamedin river "Alamedinsky Otvodyschiy")	dam intake	irrigation	Chu	50,0	1964	15,0
5	Head intake structure (Yssyk-Ata river, "Yssyk-Atinsky Podpityvayuschiy")	dam intake	irrigation	Chu	50,0	1977	16,0
6	Head intake structure (Ala-Archa river, "Tush" canal)	dam intake	irrigation	Chu	20,0	1969	14,0
7	Head intake structure (Krasnaya river, "Krasnorechensky canal)	dam intake	irrigation	Chu	12,0	1952	5,0
8	Head intake structure (Chu river, Samotek canal)	stationary pumping station; start-up year - 1982; installed capacity - 2860 kW; power - 2100 m3/sec.; irrigated area - 502 ha	irrigation	Chu	4,0	1927	0,05
9	Head intake structure (Chu river, Kalmak-Suu canal)	dam intake	irrigation	Chu	2,5	1952	2,2
10	Head intake structure (Kyzyl-Suu river, Chechey canal)	dam intake	irrigation	Chu	1,8	1938	0,05
11	Head intake structure.(Sarbos canal)	dam intake	irrigation	Chu	2,5	1975	1,95
12	Water intake facility with fixed height УГТВ-КВП (Shamsi river, "Noviy canal)	dam intake, mountain type with convex threshold	irrigation	Chu	55,0	1974	33,0
13	Water intake facility УГТВ-КВП (Kegety river, "Den" canal)	dam intake, mountain type	irrigation	Chu	35,0	1970	30,2
14	River intake (Kegety river, "Bostektor" canal)	river intake	irrigation	Chu	0,5	1963	30,2
15	Water intake facility (Chu river, Chumysh canal)	dam intake	irrigation	Chu	2,0	1952	0,07
16	Water intake facility (Kegety river, "Kalmak" canal)	dam intake	irrigation	Chu	2,0	1976	0,08

n	Name	Type (well, pumping station, other)	Purpose (irrigation, municipal, other)	River basin	Capacity (m3/sec)	Start-up year	Distance from river/canal outlet to head intake structure (km)
17	Head intake Karago (Alamedin river, Karago canal)	dam intake	irrigation	Chu	3,5	1978	0,1
18	Kirghizia-1 (Ala-Archa river, Kirghizia canal)	dam intake	irrigation	Chu	3,0	1929	0,001
19	Water intake facility (Sokuluk river)	mountain source	irrigation	Chu	100,0	1984	300,0
20	Water intake facility (Djymalysh river)	mountain source	irrigation	Chu	35,0	1979	50,0
21	Chon (Ak-Suu river)	river intake	irrigation	Chu	43,1	1962	21,0
22	Belovodsk-Murake (Ak-Suu river)	river intake	irrigation	Chu	43,1	1976	26,0
23	K-22	check structure	irrigation	Chu	3,0	1968	8,0
24	Orto (Sokuluk river)	river intake	irrigation	Chu	40,0	1940	15,0
25	Makachi K-17, K-18	dam intake	irrigation	Chu	13,5	1932	0,0
26	Spartak (Sokuluk river)	dam intake	irrigation	Chu	40,0	1975	0,0
27	Chon (Karabalta river)	mountain source	irrigation	Chu	72,0	1970	60,5
28	Djetygen (Karabalta river)	mountain source	irrigation	Chu	62,0	1938	60,0
29	Utegen (Ak-Suu river)	mountain source	irrigation	Chu	45,0	3465	13,0
30	Djon (Chon-Kainda river)	dam intake	irrigation	Chu	5,0	1936	2,0
31	Kum-Aryk (Djarly-Kainda river)	dam intake	irrigation	Chu	5,0	1960	17,0

n	Name	Type (well, pumping station, other)	Purpose (irrigation, municipal, other)	River basin	Capacity (m3/sec)	Start-up year	Distance from river/canal outlet to head intake structure (km)
3 2	Kenjebay (Taldy-Bulak river)	river intake	irrigation	Chu	1.0	1972	2,0
3 3	Chon (Aspara river)	dam intake	irrigation	Chu	7,0	1931	64,0

**Batkent province**

n	Name	Type (well, pumping station, other)	Purpose (irrigation, municipal, other)	River basin	Capacity (m3/sec)	Start-up year	Distance from river/canal outlet to head intake structure (km)	Province
1	Head intake structure Ak-Tatyr	Ak-Tatyr canal	irrigation	Syrdarya	3,7	1973	0,043	Batkensky
2	Main Canal №6	Canal №6	irrigation	Syrdarya	2	1976	0	Batkensky
3	Head intake structure №4	Canal №4	irrigation	Syrdarya	320	1975	0	Batkensky
4	Head intake structure Sokh	БМК	irrigation	Syrdarya	220	1970	0,085	Kadamzhaisky
5	Head intake structure Isfairam	Kojo-Kaiyr, Ankhor	irrigation	Syrdarya	175	1977	0,135	Kadamzhaisky
6	Head intake structure Shakhimardan	Nurgaziev	irrigation	Syrdarya	6	1955	0,05	Kadamzhaisky
7	Injenerny	Kulundu main canal	irrigation	Syrdarya	1,5	1979	0,06	Lyailyaksky
8	Neinjenerny	Ak-Terek canal	irrigation	Syrdarya	3	1985	0,05	Lyailyaksky
9	Water intake Makovsky	Teshik main canal	irrigation	Syrdarya	2,5	1985	0,058	Lyailyaksky
10	Head intake structure Isfara (Podvodyaschiy)	Podvodyaschiy canal	irrigation	Syrdarya	28	1970	0,043	Batkensky
11	Head intake structure Isfara (Obvodnoy)	Obvodnoy canal	irrigation	Syrdarya	8,25	1988	19,1	Batkensky

Naryn province

n	Name	Type (well, pumping station, other)	Purpose (irrigation, municipal, other)	River basin	Capacity (m3/sec)	Start-up year	Distance from river/canal outlet to head intake structure (km)	Province
1	Chon-Baktygul	dam intake	Irrigation	Syrdarya	1,50	1973	87	Ak-Talinsky
2	Stary Chegirtke	dam intake	Irrigation	Syrdarya	1,50	1965	52	Ak-Talinsky
3	Novy Chegirtke	dam intake	Irrigation	Syrdarya	2,50	1984	59	Ak-Talinsky
4	pumping station Alabuga	pumping station	Irrigation	Syrdarya	1,20	1991	65	Ak-Talinsky
5	Kurtka	river intake	Irrigation	Syrdarya	1,20	1935	25	Ak-Talinsky
6	Omuke	dam intake	Irrigation	Syrdarya	8,50	1985	62	At-Bashinsky
7	Orto-Kel'tebek	dam intake	Irrigation	Syrdarya	0,80	1967	38	At-Bashinsky
8	Sary-Talaa	river intake	Irrigation	Syrdarya	0,35	1930	32	Jumgalsky
9	On-Archa	pumping station	Irrigation	Syrdarya	2,10	1974	62	Narynsky
10	Kazhyrty	dam intake	Irrigation	Syrdarya	3,50	1968	76	Narynsky
11	Kara-Talaa	pumping station	Irrigation	Syrdarya	3,00	1978	74	Narynsky
12	Kulanak	pumping station	Irrigation	Syrdarya	7,00	1968	145	Narynsky

Djalalabad province

n	Name	Type (well, pumping station, other)	Purpose (irrigation, municipal, other)	River basin	Capacity (m3/sec)	Start-up year	Distance from river/canal outlet to head intake structure (km)	Province
1	Head intake structure "Novy Shakaftar"	Headwork	Irrigation	Syrdarya	3	1973	1,265	Alabukinsky
2	Head intake structure "Novy Lazvan" (concrete)	Headwork	Irrigation	Syrdarya	7	1986	2,536	Alabukinsky
3	Head intake structure "Novy Lazvan" (earth)	Headwork	Irrigation	Syrdarya	5	1975	2,5	Alabukinsky
4	Head intake structure "Kosh-Terek"	Headwork	Irrigation	Syrdarya	3	1968	1,5	Alabukinsky
5	Head intake structure "Chust"	Headwork	Irrigation	Syrdarya	3,5	1982	2,5	Alabukinsky
6	Head intake structure БHK	Headwork	Irrigation	Syrdarya	60	1962	33	Aksyisky
7	Head intake structure "Itagar"	Headwork	Irrigation	Syrdarya	2,4	1987	3,6	Aksyisky
8	Head intake structure "Besh-Batman"	Headwork	Irrigation	Syrdarya	2,5	1927	1,97	Aksyisky

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9	HEAD INTAKE STRUCTURE "XX Parts'ezd"	Headwork	Irrigation	Syrdarya	5	1957	2,89	Aksyisky
10	HEAD INTAKE STRUCTURE "Katta Tegirmen"	Headwork	Irrigation	Syrdarya	6	1984	4,025	Bazarkorgonsky
11	HEAD INTAKE STRUCTURE "Levaya Vetka"	Headwork	Irrigation	Syrdarya	16	1938	3,245	Bazarkorgonsky
12	HEAD INTAKE STRUCTURE, Dam "Mailisaiskaya" (ПБМС canal)	Headwork	Irrigation	Syrdarya	1	1983	4,56	Nookensky
13	HEAD INTAKE STRUCTURE, Dam "Mailisaiskaya" (ЛБМС canal)	Headwork	Irrigation	Syrdarya	12	1972	3,8	Nookensky
14	HEAD INTAKE STRUCTURE "Zernovoi Kugart"	Headwork	Irrigation	Syrdarya	7	1946	3,67	Nookensky
15	HEAD INTAKE STRUCTURE "Oktyabrsky Ob'edinyayuschiy"	Headwork	Irrigation	Syrdarya	5	1927	4,085	Nookensky
16	HEAD INTAKE STRUCTURE "Cholpon-Ata"	Headwork	Irrigation	Syrdarya	3	1991	4,52	Nookensky
17	HEAD INTAKE STRUCTURE "Naryn-Zhyrma"	Headwork	Irrigation	Syrdarya	1	1939	15	Suzaksky
18	HEAD INTAKE STRUCTURE "Kara-Tabylgy"	Headwork	Irrigation	Syrdarya	0,5	1960	2,9	Suzaksky
19	HEAD INTAKE STRUCTURE "Aflatun"	Headwork	Irrigation	Syrdarya	1	1986	4,2	Suzaksky
20	HEAD INTAKE STRUCTURE "Arpatoktuu"	Headwork	Irrigation	Syrdarya	0,8	1980	3,55	Suzaksky
21	HEAD INTAKE STRUCTURE "Ayu-Chachy"	Headwork	Irrigation	Syrdarya	0,7	1980	1,02	Suzaksky
22	HEAD INTAKE STRUCTURE "Karadarinsky Podpityvayuschiy"	Headwork	Irrigation	Syrdarya	12	1984	20,5	Toktogulsky
23	HEAD INTAKE STRUCTURE "Pravaya Vetka"	Headwork	Irrigation	Syrdarya	3,5	1938	3,2	Toktogulsky
24	HEAD INTAKE STRUCTURE, Dam "Karaunkurskaya"	Headwork	Irrigation	Syrdarya	22	1954	3,2	Toktogulsky
25	HEAD INTAKE STRUCTURE ЛHK	Headwork	Irrigation	Syrdarya	20	1972	32	Toktogulsky
26	HEAD INTAKE STRUCTURE "Achisay"	Headwork	Irrigation	Syrdarya	8	1930	1,3	Toktogulsky
27	HEAD INTAKE STRUCTURE "Shopokov"	Headwork	Irrigation	Syrdarya	3	1961	1,8	Toguztorouzsky
28	HEAD INTAKE STRUCTURE "Tortken"	Headwork	Irrigation	Syrdarya	3	1975	3	Toguztorouzsky
29	HEAD INTAKE STRUCTURE MMKM 1	Headwork	Irrigation	Syrdarya	3	1973	3,54	Chatkalsky
30	HEAD INTAKE STRUCTURE MMKM 2	Headwork	Irrigation	Syrdarya	3	1991	3,875	Chatkalsky
31	HEAD INTAKE STRUCTURE "Pravoberejny Kamyrravatsky"	Headwork	Irrigation	Syrdarya	34	1991	17,8	Chatkalsky
32	HEAD INTAKE STRUCTURE, Dam "Kugartskaya"	Headwork	Irrigation	Syrdarya	500	1979	5,5	Jalalabadsy BWA

Osh province

n	Name	Type (well, pumping station, other)	Purpose (irrigation, municipal, other)	River basin	Capacity (m3/sec)	Start-up year	Distance from river/canal outlet to head intake structure (km)	Province
1	HEAD INTAKE STRUCTURE "Mogol"	HEAD INTAKE STRUCTURE	Irrigation	Syrdarya	5	1979	23	Karakuldjinsky
2	HEAD INTAKE STRUCTURE "Uzgen"	HEAD INTAKE STRUCTURE	Irrigation	Syrdarya	6	before revolution	33	Uzgensky
3	HEAD INTAKE STRUCTURE "Atamkul II"	HEAD INTAKE STRUCTURE	Irrigation	Syrdarya	2,5	before revolution	4	Uzgensky
4	HEAD INTAKE STRUCTURE "Otuz-Adyr"	HEAD INTAKE STRUCTURE	Irrigation	Syrdarya	25	1954	23	Karasuisky
5	HEAD INTAKE STRUCTURE "Aravan-Akburinsky"	HEAD INTAKE STRUCTURE	Irrigation	Syrdarya	25	1965	97km, incl. 50 km within Uzbekistan	Aravansky, Karasuisky
6	HEAD INTAKE STRUCTURE "Yuzhny"	HEAD INTAKE STRUCTURE	Irrigation	Syrdarya	10	1964	37	Karasuisky
7	HEAD INTAKE STRUCTURE ПМК	HEAD INTAKE STRUCTURE	Irrigation	Syrdarya	40	1965	23	Karasuisky
8	HEAD INTAKE STRUCTURE "Kyrgyz-Ata"	HEAD INTAKE STRUCTURE	Irrigation	Syrdarya	11	1965	21	Naukatsky
9	HEAD INTAKE STRUCTURE "Naiman"	HEAD INTAKE STRUCTURE	Irrigation	Syrdarya	35	1964	25	Naukatsky
10	HEAD INTAKE STRUCTURE "Grey-Shoron"	HEAD INTAKE STRUCTURE	Irrigation	Syrdarya	3	before revolution	63	Naukatsky
11	HEAD INTAKE STRUCTURE "Khodja"	HEAD INTAKE STRUCTURE	Irrigation	Syrdarya	3,5	1965	17	Naukatsky
12	HEAD INTAKE STRUCTURE "Sasykbuka"	HEAD INTAKE STRUCTURE	Irrigation	Syrdarya	8	1965	21	Naukatsky
13	"Gondu"	HEAD INTAKE STRUCTURE	Irrigation	Amudarya	0,3	1970	350	Chon-Alaisky
14	HEAD INTAKE STRUCTURE "IV Parts'ezd"	HEAD INTAKE STRUCTURE	Irrigation	Syrdarya	6	1960	36	Aravansky
15	HEAD INTAKE STRUCTURE "Kochkor-Ata"	HEAD INTAKE STRUCTURE	Irrigation	Syrdarya	20	1954	23	Uzgensky



Source: State Committee on Water Management and Land Reclamation of the Kyrgyz Republic