

Salt balance in the Amudarya basin (Mt)

Irrigation district	Country	Irrigated area, thousand ha	Salt influx to Amudarya stem stream				Salt outflux with diversion from Amudarya	Salt mobilization in Amudarya stem stream	Salt mobilization in irrigated lands of irrigation districts		Salt influx from ground water per 1 ha (ton)	Salt accumulation per 1 ha (ton)
			total	of which:		% of CDW salts out of total			total	per 1 ha		
				with natural run-off	with CDW							
Vakhsh	Tajikistan	467	29.4	24.4	5	17	-	29.4	-1.7	-3.64	1.2	-2.44
Pyandj												
Kafirnigan												
Surkhansherabat	Uzbekistan	310	8.4	5.78	2.62	31.2	1.61	6.79	-3.49	-11.3	5.2	-6.1
Kayrakum	Turkmenistan	620	-	-	-	-	6.78	-6.78	-14.2	-22.9	10.6	-12.3
Karshi	Uzbekistan	450.8	6.66	-	6.66	100	2.67	3.99	-3.99	-8.9	5.4	-3.5
Bukhara	Uzbekistan	254	3.92	-	3.92	100	3.57	0.35	3.16	-12.4	6	-6.4
Turkmen coast	Turkmenistan	300	7.92	-	7.92	100	3	4.92	-5.3	17.7	12.3	30
Khorezm	Uzbekistan	225	-	-	-	-	4.96	-4.96	-5.7	-25	20.1	-4.9
Tashauz	Turkmenistan	260	-	-	-	-	5.32	-5.32	0.5	1.9	8.6	10.5
Karakalpak	Uzbekistan	402	1.34	-	1.34	100	12.47	-11.13	4.55	11.3	12.1	23.4

Source: Central Asia Environmental Review / Tajik Youth EcoCenter