

**Precipitation amount in the Amudarya and Syrdarya river basins
for October - December 2011 and assessment of probable water content
for vegetation period 2012**

Precipitation for October - December 2011 in the river basins of Vakhsh (Kyrgyzstan's territory), Naryn (except the right-bank tributaries) and Surkhandarya amounted 200-300%, in the river basins of Fergana Valley and Kashkadarya – 160-200%, and in the river basins at the right-bank of Naryn, Karadarya, Chirchik and Akhangaran – 140-180% of the mean annual precipitation (Table 1.).

Snow cover depth across river basins and altitudes is non-uniform because of the solid precipitation regime. At the end of December 2011 the snow storage measured at the surface snow stations in some areas of the Chirchik river basin amounted 200-400% (in the Pskem river basin - 120-140%), in the Vakhsh river basin (territory of Kyrgyzstan) - 190%, and in the Kashkadarya river basin - 110-150% of the long-term annual average (Table 2).

According to the preliminary estimation on the basis of analysis of hydrometeorological situation as of 31 December 2011 and the long-term weather forecasting for vegetation period 2012 the water content of major rivers in the Syrdarya and Amudarya river basins is expected to be like the long-term annual average value.

Director General

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Table 1

**Precipitation Amount in the Amudarya and Syrdarya river basins
for 1 October 2011 – 31 December 2011**

River Basin	Meteorological Station	Altitude above the sea level, m	Precipitation depth				
			mm			2011, %	
			mean annual precipitation	2010	2011	Compare d with mean annual precipitation	Compare d to 2010
Vakhsh – « –	Sari Tash Daroot Korgon	3155	68	69	134	197	194
		2470	65	44	196	302	445
Surkhandarya – « –	Boysun Keng-Guzar	1249	95	2	234	246	807
		810	110	20	299	272	1495
Kashkadarya – « – « –	Minchukur Kul' Akrabad	2117	163	61	381	234	625
		2028	190	60	298	157	497
		1599	94	31	185	197	597
Naryn – « – – « – – « – – « –	Teo Ashuu Susamyr Naryn It Agar	3225	168	88	249	148	283
		2087	64	33	94	147	285
		2040	40	66	87	218	132
		2011	122	62	239	196	385
Karadarya – « – – « – – « – – « – – « – – « –	Ak Terek Gulcha Chalma Salamalik Donguz Too Tossoy	1748	268	131	400	149	305
		1542	115	111	200	174	180
		1360	142	-	220	155	-
		1282	227	233	389	171	167
		1268	225	134	353	157	263
		1239	223	173	334	150	193
Tributaries	Kichik Oloy	2360	51	27	47	92	174
of the Syrdarya river in the Fergana Valley	Kirgiz Ata	1763	89	88	176	198	200
	Shakhimardan	1728	80	43	169	211	393
	Padsha-Ata	1534	143	64	270	189	422
	Sokh	1201	67	35	127	190	363
	Kasansay	889	76	32	135	178	422
Chirchik – « – – « – – « – – « – – « – – « –	Oigaing Chatkal Chimyon Maidantal Pskem Charvak res.	2151	244	103	273	112	265
		1937	134	83	253	189	305
		1670	281	106	425	151	401
		1464	262	110	458	175	416
		1256	292	93	415	142	446
		970	253	69	390	154	565
Akhangaran – « – « –	Kamchik Dukant Angren	2145	216	72	330	153	458
		2001	271	99	439	162	443
		942	175	73	316	181	433

Table 2

**Snow Storage in the Amudarya and Syrdarya river basins
at the end of December 2011**

River Basin	Snow survey location	Altitude above the sea level, m	Snow amount				
			Mean annual snow cover depth	2010	2011	2011, %	
						Compared with Mean annual snow cover depths	Compared with 2010
I. Snow cover depth according to the snow surveys (mm)							
Vakhsh	MS Sary Tash	3155	63	23	117	186	509
Kashkadarya	Uradya river basin	2070-2630	108	0	171	158	
- « -	MS Minchukur	2117	75	0	85	113	
- « -	MS Kul'	2028	71	0	70	99	
Chirchik	AS Oigaing	2151	172	18	338	97	1878
- « -	Pskem river basin	1760-2640	149	0	201	135	-
- « -	- « -	1250-1760	103	0	132	128	
- « -	MS Maidantal	1464	97	0	232	239	
- « -	MS Pskem	1256	77	0	93	121	
II. Snow cover depth at the meteorological stations (cm)							
Vakhsh	MS Sary Tash	3155	30	15	51	170	340
Kashkadarya	MS Minchukur	2117	36	0	53	147	-
- « -	MS Kul'	2028	32	0	58	181	-
Shokhimardan	MS Shokhimardan	1728	12	0	15	125	
Chirchik	AS Oigaing	2151	71	13	125	176	962
- « -	AS Chim'en	1637	37	9	65	176	722
- « -	MS Maidantal	1464	41	0	85	207	
- « -	MS Pskem	1256	35	0	58	166	
Akhangaran	AS Kamchik	2145	41	22	89	217	405
- « -	ELMOS Dukant	2001	48	7	111	231	1586