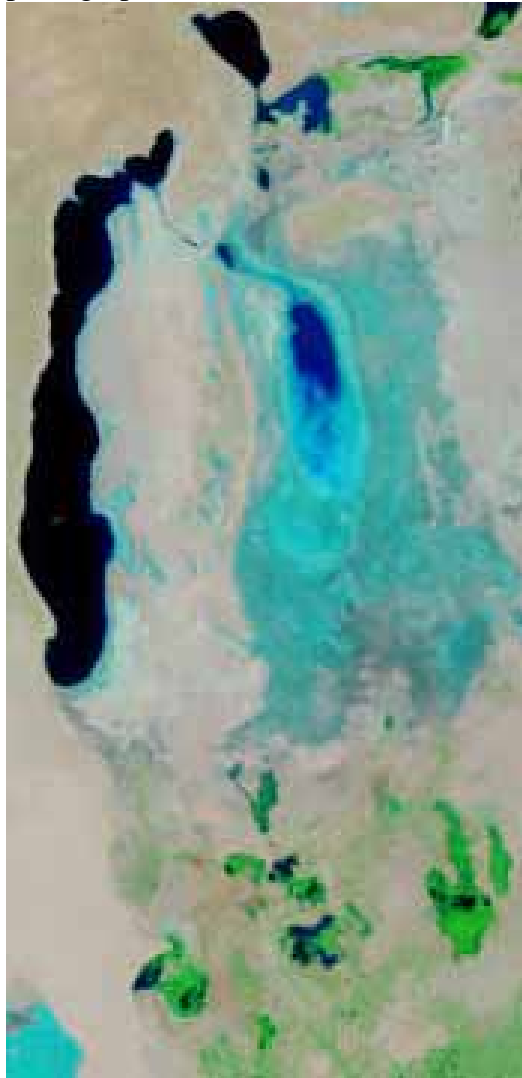


Monitoring the wetlands area dynamics in the Southern Priaralie

The wetland areas and opened water surface area in the Southern Priaralie for August 2012 are determined by SIC ICWC (Fig. 1, Tables 1,2) on the basis of satellite photographs.



1st ten-day period of July

1st ten-day period of August

Fig. 1. Southern Priaralie and Big Aral Sea – comparison between July and August 2012

Table 1

**Opened water surface area, ha
(July-August 2012)**

Water Body	July	August
	1st ten-day period	1st ten-day period
Sudochie	7921,4	8370,5
Mejdurechenskoe	12848,5	22960,7
Rybachie	4249,7	5612,1
Muinakskoe	851,3	1298,5
Djyltyrbas bounded by dam	6754,8	6921,7
Djyltyrbas (with the former right and left channels)	6472,3	24217,3
Dumalak	-	12307,5
Makpalkol	2210,7	1956,2
Mashan-Karadjar	382,7	378,8
Wetland to the south from Muinak	-	311,7
Wetlands along the bed of the Kazakhdarya river	-	3295,8
Zakirkol lake	-	531,7
Total	41691,4	88162,5

Water surface area of the Eastern Sea amounted 44620 ha in July and 327554 ha in August. Thereby the water surface area of the Eastern Sea has increased by 282934 ha from July to August, and the water surface area of water bodies has increased by 46471 ha (from the beginning of July till the beginning of August). Total increase of water surface area in the Southern Priaralie amounted 329405 ha from the beginning of July to the end of August.

Table 2

Wetland areas, ha (April - August 2012)

Water body	April	May	June	July	August
Sudochie	27884,58	35723,4	32415,1	31996,8	29783,2
Mejdurechenskoe	2413,87	8892,2	14199,5	13974,2	17516,5
Rybachie	1347,91	4392,7	6373,4	6873,5	6785,3
Muinakskoe	3589,87	7328,1	8459,1	9317,5	9622,9
Djyltyrbas bounded by dam	27423,56	32758,5	39465,7	41207,3	46577,3
Djyltyrbas (with the former right and left channels)	42581,47	70354,1	79680,4	81371,6	94225,4
Former Adjibay gulf	11351,59	11986,3	12361,7	14731,8	13952,1
Dumalak	1423,54	3681,7	7389,3	8157,2	10305,7
Adjibay 2*)	4225,36	6831,4	6356,4	10459,1	12148,3
Makpalkol	773,41	4026,7	6410,5	6536,2	6621,7
Mashan-Karadjar	2871,43	10082,3	12638,4	11087,3	11751,3
Wetland to the south from Muinak	521,32	625,7	1481,9	1674,5	2352,4
Wetland to the north-west from Muinak	3498,10	3516,7	3374,1	3189,4	3207,9
Wetlands along the bed of the Kazakhdarya	283,52	854,7	6578,3	8783,1	12304,1

river					
Zakirkol lake	124,17	789,2	1298,4	1913,8	1978,2
Total	102890,1	201843,7	238482,2	251273,3	279132,3