

Monitoring of Glacial Lakes/Water bodies in Himalayan region:

Glacial Lakes / Water Bodies having water spread area of more than 50 Ha are being monitored every year during the monsoon period June to October since 2011. The monitoring, at present, involves measurement of water spread area of the Glacial Lakes / Water Bodies using satellite images from Advanced Wide Field Sensor (AWiFS) of Indian Remote Sensing Satellite Resourcesat-1. The monitoring report are prepared on monthly basis and distributed to Commissioner(FM/Indus/B&B, MoWR RD&GR), field office of CWC in Ganga, Indus & Brahmaputra Basin and concerned states through CWC field offices. The year-wise summary of the monitoring of Glacial Lakes / Water Bodies is as under.

Year	Total GL/WB monitored	GL/WB where water spread area increased			GL/WB where water spread area decreased			GL/WB dried up	Lake with no Significant change in area	Remarks
		> 30%	< 30%	Total	> 30%	< 30%	Total			
2011	391	18	200	218	3	32	35	-	138	
2012	391	0	88	88	5	105	110	-	190	Includes 3 new GLs
2013	476	4	161	165	4	111	115	1	195	
2014	438	8	80	88	5	173	178	2	170	
2015	459	9	110	119	0	144	144	1	195	

Table: Year-wise summary of the monitoring of Glacial Lakes / Water Bodies in Himalayan Region

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1. [Monitoring of Glacial Lakes/Water Bodies in the Himalayan Region of Indian River Basins during 2011.](#)
2. [Monitoring of Glacial Lakes/Water Bodies in the Himalayan Region of Indian River Basins during 2012.](#)
3. [Monitoring of Glacial Lakes/Water Bodies in the Himalayan Region of Indian River Basins in 2013.](#)
4. [Monitoring of Glacial Lakes & Water Bodies in the Himalayan Region of Indian River Basins in 2014.](#)
5. [Monitoring of Glacial Lakes & Water Bodies in the Himalayan Region of Indian River Basins in 2015.](#)