

Distribution of lakes in different sub basins in Himachal Pradesh based on LISS IV/LISS III satellite data analysis for 2019

<b>Potential Moraine Dammed Glacial Lakes in Himachal Himalayas</b>						
<b>S. No.</b>	<b>Lake/Basin Name</b>	<b>Area (HA)</b>	<b>Type</b>	<b>Code</b>	<b>X</b>	<b>Y</b>
1	Gepang Lake, Chenab	92.009	Pro Glacial Lake	NDMA001	32.5248	77.2201
2	Barot area in Beas	8.66048	Pro Glacial Lake	NDMA075	32.2215	76.7886
3	Meme Kundru S,	4.25673	Pro Glacial Lake	NDMA076	32.7619	77.1948
4	Samudri Tapu	132.464	Pro Glacial Lake	NDMA002	32.4986	77.5464
5	Ravi	3.65679	Pro Glacial Lake	NDMA078	32.2559	76.7774
6	Parvati	12.4908	Pro Glacial Lake	NDMA077	31.9144	77.5254
7	Ravi	0.485011	Pro Glacial Lake	NDMA080	32.3199	76.9068
8	Baspa	18.8867	Pro Glacial Lake	NDMA081	31.3386	78.2531
9	Satluj NW Kalpa	27.8997	Pro Glacial Lake	NDMA082	31.6607	78.1669
10	Chamera Reservoir, Ravi	706.128	Dam -Reservoir	NDMA112	32.6206	76.0282
11	Pandoh Reservoir, Beas	103.81	Dam -Reservoir	NDMA113	31.674	77.0822
12	Beas, Kullu	6.85963	Pro Glacial Lake	NDMA432	32.1569	77.2983
13	Taiti Garang, Kinnaur	5.40741	Pro Glacial Lake	NDMA433	31.5852	78.1854
14	Chamba, Miyar	13.3627	Pro Glacial Lake	NDMA434	32.8423	76.5379
15	Bhaga	6.81412	Pro Glacial Lake	NDMA435	32.6308	77.307
16	Chandra	5.56976	Pro Glacial Lake	NDMA436	32.6044	77.6175
17	Chandra	9.88371	Pro Glacial Lake	NDMA437	32.7218	77.4128
18	Spiti	4.8895	Pro Glacial Lake	NDMA438	31.9647	78.4156
19	Spiti	1.90562	Pro Glacial Lake	NDMA439	32.2424	77.7609
20	Spiti	2.66737	Pro Glacial Lake	NDMA440	32.3801	78.1205
21	Spiti	2.03807	Pro Glacial Lake	NDMA441	32.525	77.9422
22	Spiti	7.98607	Pro Glacial Lake	NDMA442	32.7212	77.384
23	Spiti	3.1101	Pro Glacial Lake	NDMA443	32.6096	77.9119
24	Bhaga	7.30393	Pro Glacial Lake	NDMA444	32.7228	77.3292
25	Shimla, Yamuna	17.2556	Pro Glacial Lake	NDMA461	31.2603	78.2546
26	Panchi L	1.60483	Pro Glacial Lake	NDMA479	32.7044	77.3472
27	Spiti	0.29286	Pro Glacial Lake	NDMA484	32.5642	77.8128
28	Beas	14.34068	Pro Glacial Lake	SCCC	31.8486	77.7897
29	Beas	2.688413	Pro Glacial Lake	SCCC	31.8991	77.538
30	Beas	3.65747	Pro Glacial Lake	SCCC	31.8519	77.6401
31	Ravi	10.3135	Pro Glacial Lake	SCCC	32.2334	76.7533
32	Satluj	4.865332	Pro Glacial Lake	SCCC	31.5533	78.7509
33	Beas	4.840182	Pro Glacial Lake	SCCC	31.666	77.6183
34	Beas	5.41332	Pro Glacial Lake	SCCC	32.2923	77.0788
35	Parvati	11.61308	Pro Glacial Lake	SCCC	32.1339	77.4559
36	Bhaga	4.448545	Pro Glacial Lake	SCCC	32.8442	77.2801
37	Chandra	1.941085	Pro Glacial Lake	SCCC	32.2456	77.4473
38	Beas	6.987665	Pro Glacial Lake	SCCC	32.1704	77.0409
39	Ravi	29.18964	Pro Glacial Lake	SCCC	32.3356	76.3318

40	Chandra	5.861607	Pro Glacial Lake	SCCC	32.6929	77.3722
41	Spiti	4.090437	Pro Glacial Lake	SCCC	31.9121	78.7012
42	RS Spiti	8.161672	River section	SCCC	32.2123	77.9706
43	Parvati	5.741378	Pro Glacial Lake	SCCC	32.1798	77.4924
44	Beas	3.419523	Pro Glacial Lake	SCCC	32.074	77.4488
45	Miyar	6.534441	Pro Glacial Lake	SCCC	32.9879	76.2362
46	Ravi	4.035444	HWL	SCCC	32.3122	76.3715

\*HWL- High Wetland Lake

\*\*RS- River Section

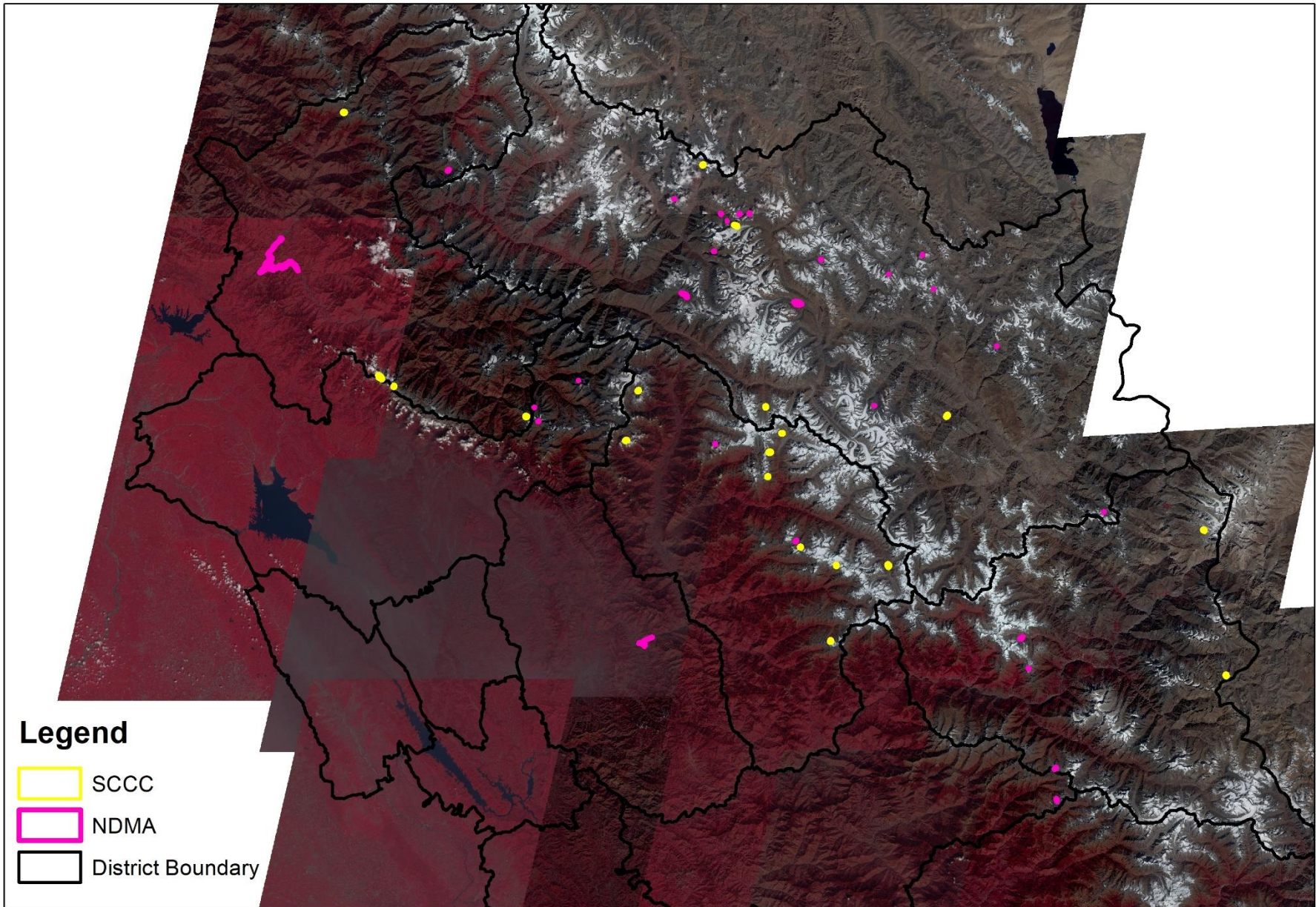
<b>Potential Moraine Dammed Glacial Lakes in trans Himalayan region of Tibet in Satluj Basin</b>					
Sr. No.	Lake Id.	Basin No.	Longitude	Latitude	Areal extent (in hectare)
1.	67	3	78.98109	32.3187	24.58
2.	86	3	78.94271	32.1067	10.1
3.	87	3	78.93341	32.1065	10.41
4.	99	1	78.84546	32.0294	14.72
5.	101	3	78.84667	31.9923	21.1
6.	122	3	78.78527	31.9189	16.86
7.	1654	3	78.84099	31.9136	22.28
8.	49HWL	1	78.71529	32.3283	23.53
9.	184	3	79.3935	32.3759	23.32
10.	209	3	79.8652	31.9255	33.76
11.	894	3	79.4171	32.3884	10.15
12.	178	3	81.432	30.4294	201.14
13.	179	3	81.7146	30.4294	24.26
14.	181	3	81.4636	30.4304	12.39
15.	184	3	81.7235	30.4193	19.96
16.	1510	3	81.1944	31.1824	52.93
17.	1512	3	81.1511	31.1785	21.47
18.	1518	3	81.1472	31.1985	12.19
19.	1527	3	81.1364	31.2343	11.37
20.	1548	3	81.0313	31.284	17.41
21.	2180	3	81.8537	31.0055	23.56
22.	1039HWL	3	81.7014	30.5141	12.16
23.	1092HWL	3	81.5656	30.7671	14.13
24.	1144HWL	3	80.54	31.3991	89.47
25.	1349HWL	3	81.5674	30.8027	335.79
26.	1363HWL	3	81.5456	30.772	22.24
27.	1375HWL	3	81.3609	30.7046	28.96
28.	138HWL	3	81.2532	30.6794	25920.91
29.	145HWL	3	81.4814	30.6951	41640.43
30.	1557RS	3	81.1618	30.9143	92.85
31.	1771RS	3	81.0934	30.9247	14.99
32.	1774RS	3	81.115	30.9246	12.93

33.	1776RS	3	81.1425	30.9196	13.98
34.	1782HWL	3	81.7407	30.5481	30.65
35.	210HWL	3	81.5541	30.7719	63.72
36.	2167HW	3	81.5896	30.7604	214.31
37.	1128	3	81.87	30.4258	25
38.	1133	3	81.86838	30.4176	16.18
39.	1146	3	81.86512	30.3981	10.6
40.	1153	3	81.92945	30.3808	74.1
41.	1155	3	81.81748	30.3897	14.27
42.	1156	3	81.89423	30.3906	11.74
43.	1164	3	81.84008	30.384	16.08
44.	1565	3	81.85372	30.4001	19.13
45.	1093HWL	3	82.1591	30.6316	5992.49
46.	1094HWL	3	82.07237	30.597	14.85
47.	1095HWL	3	82.08336	30.5925	17.22
48.	1566HWL	3	82.03206	30.663	10.77
49.	37	1	78.68855	32.7076	5.3
50.	61	1	78.97224	32.3248	7.18
51.	67	3	79.04502	32.2098	7.68
52.	68	3	79.02832	32.2236	6.3
53.	77	3	78.97932	32.1603	9.77
54.	88	3	78.94768	32.0917	5.83
55.	93	3	78.94481	32.0598	6.92
56.	94	3	78.91175	32.0176	6.39
57.	97	3	78.87565	32.0169	5.73
58.	106	3	78.83872	31.9806	5.63
59.	811	1	78.80797	32.0577	9.86
60.	1230	1	78.87393	32.0308	5.06
61.	49HWL	1	78.72458	32.3254	7.43
62.	202	3	79.8728	31.9773	8.32
63.	1014	3	79.6835	32.254	5.25
64.	2135	3	79.0514	32.3473	5.17
65.	2136	3	78.7926	31.4499	7.41
66.	1066	3	79.5147	31.1317	5.31
67.	7096	3	79.731	31.0284	7.82
68.	166	3	81.4306	30.471	6.05
69.	172	3	81.7213	30.4476	6.34
70.	173	3	81.6763	30.4476	7.5
71.	174	3	81.4338	30.4483	8.92
72.	185	3	81.7473	30.4084	8.69
73.	970	3	81.5142	30.4812	7.72
74.	1143	3	81.8529	30.4021	5.23
75.	1149	3	81.7701	30.3963	5.42
76.	1445	3	81.7236	31.0696	7.61
77.	1453	3	81.5423	31.1171	9.74
78.	1454	3	81.5452	31.102	6.09




79.	1470	3	81.5034	31.1118	7.82
80.	1472	3	81.5036	31.0943	5.6
81.	1482	3	81.4354	31.1135	5.41
82.	1483	3	81.4244	31.1368	5.48
83.	1487	3	81.4024	31.1277	5.79
84.	1488	3	81.382	31.1388	8.32
85.	1495	3	81.2308	31.06	6.96
86.	1499	3	81.2272	31.129	6.13
87.	1528	3	81.1415	31.2459	8.82
88.	1537	3	81.0887	31.2662	5.38
89.	1547	3	81.0322	31.2923	5.79
90.	2173	3	81.1378	31.1947	6.04
91.	2175	3	81.3952	31.1685	5.04
92.	1136HW	3	81.7787	30.4102	7.57
93.	205HWL	3	81.5659	30.7873	6.38
94.	207HWL	3	81.5493	30.7841	6.34
95.	385HWL	3	81.5375	30.7777	5.32
96.	1137	3	81.82013	30.4077	8.57
97.	1144	3	81.7848	30.4002	5.23

\*HWL- High Wetland Lake

\*\*RS- River Section



**Legend**

-  SCCC
-  NDMA
-  District Boundary

