

## WATER QUALITY DATA 2014 | CPCB ENVIS

## WATER QUALITY OF RIVER SATLUJ - 2014

| STATION<br>CODE        | LOCATIONS   | STATE            | TEMPERATURE °C |      |      | D.O. (mg/l) |      |      | pH      |     |      | CONDUCTIVITY<br>(µmhos/cm) |      |      | B.O.D. (mg/l) |      |      | NITRATE- N+<br>NITRITE-N (mg/l) |       |      | FE  |
|------------------------|---|------------------|----------------|------|------|-------------|------|------|---------|-----|------|----------------------------|------|------|---------------|------|------|---------------------------------|-------|------|-----|
|                        |   |                  | Min            | Max  | Mean | Min         | Max  | Mean | Min     | Max | Mean | Min                        | Max  | Mean | Min           | Max  | Mean | Min                             | Max   | Mean |     |
| WATER QUALITY CRITERIA |   |                  |                |      |      | > 4 mg/l    |      |      | 6.5-8.5 |     |      |                            |      |      | < 3 mg/l      |      |      |                                 |       |      | < 2 |
| 1867                   | SATLUJ B/C WITH RIVER SPITI<br>AT KHAB, DISTT.KINNAUR, H.P.       | HIMACHAL PRADESH | 5.0            | 11.0 | 8.7  | 9.6         | 10.1 | 9.9  | 7.8     | 8.7 | 8.3  | 126                        | 983  | 330  | 0.1           | 0.7  | 0.2  | 0                               | 0.5   | 0.2  | 14  |
| 2611                   | SATLUJ AT KHAB  | HIMACHAL PRADESH | 5.0            | 11.0 | 8.7  | 9.6         | 10.1 | 9.9  | 7.7     | 8.8 | 8.2  | 116                        | 1080 | 346  | 0.1           | 0.2  | 0.1  | 0                               | 0.5   | 0.2  | 13  |
| 1389                   | SATLUJ AT NEPTHA ZAKHAI, H.P                                      | HIMACHAL PRADESH | 10.0           | 17.0 | 12.1 | 9.3         | 9.7  | 9.5  | 7.6     | 8.7 | 8.2  | 145                        | 778  | 305  | 0.1           | 1.2  | 0.2  | 0                               | 0.6   | 0.3  | 13  |
| 1086                   | SATLUJ AT U/S RAMPUR, H.P.  | HIMACHAL PRADESH | 11.0           | 16.0 | 13.4 | 9.1         | 9.6  | 9.4  | 7.6     | 8.5 | 8.1  | 128                        | 842  | 261  | 0.1           | 0.3  | 0.2  | 0.067                           | 0.436 | 0.2  | 27  |
| 1087                   | SATLUJ AT D/S RAMPUR, H.P.  | HIMACHAL PRADESH | 11.0           | 16.0 | 13.3 | 9.2         | 9.6  | 9.4  | 7.5     | 8.6 | 8.1  | 104                        | 784  | 251  | 0.1           | 0.4  | 0.2  | 0                               | 0.621 | 0.2  | 46  |
| 1013                   | SATLUJ AT U/S TATAPANI, H.P.                                      | HIMACHAL PRADESH | 12.0           | 16.0 | 13.7 | 9.2         | 9.5  | 9.4  | 7.4     | 8.6 | 8.0  | 121                        | 766  | 257  | 0.1           | 0.3  | 0.2  | 0.024                           | 0.484 | 0.2  | 23  |
| 1014                   | SATLUJ AT U/S SLAPPER, H.P.                                       | HIMACHAL PRADESH | 6.0            | 24.0 | 12.2 | 8.4         | 9.6  | 9.2  | 7.3     | 8.7 | 8.1  | 124                        | 365  | 245  | 0.1           | 0.4  | 0.2  | 0                               | 0.621 | 0.4  | 23  |
| 1015                   | SATLUJ AT D/S SLAPPER, H.P.                                       | HIMACHAL PRADESH | 6.0            | 24.0 | 12.2 | 8.3         | 9.8  | 9.2  | 7.6     | 8.7 | 8.1  | 109                        | 357  | 204  | 0.1           | 1.2  | 0.3  | 0                               | 0.955 | 0.5  | 26  |
| 1016                   | SATLUJ AT D/S BHAKHRA, H.P.                                       | HIMACHAL PRADESH | 4.0            | 20.0 | 15.0 | 6.0         | 11.0 | 7.6  | 6.9     | 9.7 | 8.5  | 96                         | 265  | 208  | 0.2           | 0.8  | 0.4  | 0.17                            | 0.78  | 0.4  |     |
| 1017                   | SATLUJ AT 100M U/S OF<br>HEADWORKS, NANGAL, PUNJAB                | PUNJAB           | 10.0           | 26.0 | 19.0 | 8.6         | 8.8  | 8.7  | 7.5     | 7.8 | 7.6  | 254                        | 266  | 261  |               |      |      | 0.8                             | 1     | 0.9  | 30  |
| 1018                   | SATLUJ AT 100M D/S<br>,NANGAL,PUNJAB                              | PUNJAB           | 11.0           | 26.0 | 18.7 | 7.6         | 8.0  | 7.8  | 7.5     | 8.5 | 8.1  | 256                        | 298  | 283  | 1.0           | 1.0  | 1.0  | 1                               | 1.2   | 1.1  | 280 |
| 1293                   | SATLUJ AT 1 KM. D/S OF<br>ZENITH, PUNJAB                          | PUNJAB           | 12.0           | 28.0 | 20.0 | 6.8         | 8.2  | 7.7  | 6.9     | 7.9 | 7.5  | 260                        | 308  | 281  | 1.0           | 2.0  | 1.5  | 1.4                             | 1.6   | 1.5  | 110 |
| 1814                   | SATLUJ AT D/S KIRATPUR<br>SAHIB, PUNJAB                           | PUNJAB           | 10.0           | 26.0 | 18.0 | 8.0         | 8.4  | 8.2  | 7.6     | 8.3 | 8.0  | 263                        | 275  | 269  | 0.3           | 1.0  | 0.7  | 0.9                             | 1.2   | 1    | 50  |
| 1019                   | SATLUJ AT U/S HEAD WORKS<br>ROPAR, PUNJAB                         | PUNJAB           | 11.0           | 27.0 | 20.0 | 8.4         | 8.6  | 8.5  | 7.1     | 7.9 | 7.6  | 242                        | 270  | 256  | 0.3           | 1.2  | 0.8  | 1.1                             | 1.2   | 1.2  | 50  |
| 1380                   | SATLUJ AT D/S NFL, PUNJAB   | PUNJAB           | 10.0           | 25.0 | 19.0 | 8.0         | 8.4  | 8.2  | 7.4     | 8.3 | 7.9  | 268                        | 310  | 283  | 0.9           | 0.9  | 0.9  | 1.1                             | 1.2   | 1.2  | 40  |
| 1690                   | SATLUJ AT U/S BUDHA NALLAH<br>(UPPER), PUNJAB                     | PUNJAB           | 13.0           | 29.0 | 19.7 | 6.8         | 7.6  | 7.1  | 7.3     | 7.7 | 7.5  | 369                        | 396  | 385  | 1.6           | 2.4  | 2.0  | 1                               | 1     | 1    | 90  |
| 1020                   | SATLUJ AT 100M D/S BUDHA<br>NALA CONFL., LUDHIANA,<br>PUNJAB      | PUNJAB           | 10.0           | 28.0 | 16.7 | 4.0         | 4.4  | 4.2  | 6.8     | 7.3 | 7.1  | 574                        | 846  | 671  | 6.2           | 15.0 | 11.1 | 2.2                             | 3.6   | 2.7  | 200 |
| 1021                   | SATLUJ AT BOAT BDG.<br>DHARMKOTNAKODAR ROAD,<br>JALANDHAR, PUNJAB | PUNJAB           | 12.0           | 28.0 | 19.3 | 4.4         | 6.3  | 5.3  | 6.7     | 7.4 | 7.0  | 520                        | 534  | 525  | 2.8           | 9.0  | 5.9  | 1.8                             | 3     | 2.5  | 200 |
| 1381                   | SATLUJ AT D/S EAST BASIN,<br>PUNJAB                               | PUNJAB           | 13.0           | 24.0 | 17.0 | 2.4         | 3.2  | 2.7  | 6.6     | 7.9 | 7.2  | 714                        | 780  | 751  | 6.0           | 7.9  | 7.2  | 4                               | 4.8   | 4.4  | 350 |
| 1691                   | SATLUJ AT U/S HUSSANIWALA -<br>H/W FEROEZPUR, PUNJAB              | PUNJAB           | 12.0           | 31.0 | 18.3 | 7.4         | 8.4  | 8.0  | 7.3     | 8.2 | 7.7  | 224                        | 266  | 249  | 0.3           | 1.2  | 0.8  | 0.8                             | 1.2   | 1    | 50  |
| 1692                   | SATLUJ AT D/S HUSSANIWALA-<br>H/W FEROEZPUR, PUNJAB               | PUNJAB           | 12.0           | 30.0 | 21.3 | 7.2         | 8.3  | 7.9  | 7.1     | 8.0 | 7.6  | 226                        | 273  | 257  | 0.4           | 1.3  | 0.8  | 0.8                             | 1.2   | 1    | 50  |
| 1022                   | SATLUJ AT BRIDGE HARIKE,<br>AMRITSAR, PUNJAB                      | PUNJAB           | 12.0           | 23.0 | 16.3 | 4.8         | 6.0  | 5.6  | 7.2     | 7.4 | 7.3  | 342                        | 356  | 350  | 1.2           | 3.3  | 2.4  | 1.2                             | 3.2   | 2.4  | 460 |