***Supplement for***

**Adjustment of Measurement Errors to Reconcile Precipitation Distribution in the High-Altitude Indus Basin**

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**Supplementary data and methods**

This supplementary material contains additional information to further illustrate the data and methods. The observed data of daily and monthly precipitation, temperature and wind speed was collected from different sources. Keeping in view scarcity of the observed data in the study area, we selected all the stations that covered at least three years of data to cover the recent installations. Daily precipitation observations were converted into monthly totals if no more than three consecutive days or five intermittent days were missing in a month. Similarly, seasonal and annual totals were calculated if no month was missing in a season or year.

Information regarding precipitation gauge type, use of wind shield if any, orifice area and height of the gauge orifice were taken from Sevruk and Klemm (1989), BIS (1992a&b) and from PMD and WAPDA through personal communications. The precipitation data available for 326 observatories (including 21 virtual stations located at the accumulation zones of major glaciers where average annual net precipitation is estimated from mass balance studies) are inconsistent in terms of time period. The stations located in Pakistani parts of the basin (western parts) possess relatively long-term and updated data. The data of stations located in upper Kabul basin in Afghanistan are also updated. The precipitation data of the stations located in Indian side are publicly available only from 1901-1971. Therefore, the study area is divided into two parts (i.e. eastern and western part) depending on maximum availability of precipitation data (Fig. S1). The eastern part covering Shyok, Indus up to Kharmong, Jhelum, Chenab, Ravi, Beas and Sutlej basins uses the data period of 1961-1970, while the western part spread over the remaining sub-basins uses the time period of 1999-2011. The metadata of 305 precipitation observatories and 21 glacier points used in this study are outlined and described in the supplementary material (Table S-1).

 Figure S1. Partition of study area in two zones as per availability of precipitation data

Out of 328 stations, temperature data was available for only 115 stations (Table S-1). We therefore derived monthly scale maximum and minimum temperature lapse rates based on elevation and latitude and estimated these parameters for the remaining stations. Air temperature varies with elevation due to change in air pressure and the rate of its change is known as the adiabatic lapse rate, which on average is about 6.5 0C km-1 globally. Temperature at a particular point also changes with its latitude, its rate of change however varies considerably between tropics, temperate and Polar Regions due to curvature of earth’s surface which affects the amount of sunlight received by a particular zone. Yet, latitude is often overlooked in lapse rate based temperature estimates. Our study area lays in between 30.3 and 37.1 degree latitude, which is in the North Temperate Zone, where the temperature difference between the tropic of cancer (23.5 degree) and 40 degree N can be about 10 °C (~ 0.606 °C/latitude degree). Keli et al. (2011) however noted latitudinal effect of -0.36°C/latitude degree in the Qinghai-Tibet Plateau. As the observed maximum and minimum temperatures showed significant correlation with both elevation and latitude (Fig. S2-S5), multiple regressions at monthly scale were used to derive the combined lapse rates for the stations that do not have temperature data. Separate lapse rates for mean monthly maximum and minimum temperatures are derived.

Wind-induced undercatch of liquid precipitation is adjusted by following Adam and Lattenmaier (2003), who mainly used Legates (1987) model in which the wind-induced under-catch of liquid precipitation (rain) has been expressed in terms of the correction factor (***Kr***) defined as the ratio of ground truth precipitation to gauge-measured precipitation. If the ground truth or reference gauge precipitation measurements are not available, the value of ***Kr*** can be approximated by:

**(S1)**

for gauge orifice area of 127 cm2

**(S2)**

for gauge orifice area of 200 cm2

Where **Vhp** is wind speed at gauge orifice, and **μ** is a transfer coefficient which is given by:

**(S3)**

Where ***T*** is mean air temperature (0C), ***p*** is sea-level pressure (kPa) and ***e*a** is vapour pressure (kPa) expressed by:

**(S4)**

It is well recognized that for a given wind speed; gauge under-catch for snow is much higher than that for rain because snow has larger surface area per unit mass. The proportion of solid precipitation (*R*) is determined by the model also suggested by Legates (1987), which is given by:

**(S5)**

The mathematical models to adjust the wind-induced under-catch of precipitation are relatively more sensitive to wind speed. However, the wind observations needed for adjustment of gauge under-catches are rarely coincident in time and space with precipitation observations. The mean monthly values of wind speed may not match with the wind speed during the precipitation events. Sevruk (1982) referred a mathematical model developed by Bogdanova (1969) that relates mean monthly wind speed to wind speed during precipitation event as:

***V*p = *Lr* . *V*** **(S6)**

Where ***V*p** is wind speed during precipitation event, ***V*** is mean monthly wind speed (m/sec) and ***Lr*** is an empirical coefficient which depends on the form of precipitation and number of precipitation days and is expressed as:

***Lr* = 1.12 + 0.295 (0.826)*M*** **(S7)**

for liquid precipitation

***Lr* = 1.37 - 0.0599 (1.065)*M*** **(S8)**

for solid precipitation

Where ***M*** is number of precipitation days per month, which is determined by counting the number of days during each month in which precipitation exceeded the threshold level of 0.1 mm.

The model for adjustment of liquid precipitation requires wind speed at gauge height, which is approximated from the wind speed at the reference height of anemometer (10 m) using the extensively used (e.g. Mekonnen et al., 2015; Ackere et al., 2015; Stepek and Wijnant 2011; Yang et al., 1998) Monin Obukhov theory (Obukhov, 1971; Businger and Yaglom, 1971), which is given by:

**(S9)**

Where **Vi** is wind speed (m s-1) to be calculated at ***Z*i** height (m), ***V*ref** is known velocity (m s-1) at the reference height ***Z*ref** (m), and ***Z*0** is roughness length (m) depending upon type of landscape. WMO (2014) recommended ***Z*0** value of 0.01 m for winter and 0.03 m for summer months, which were used by Adam and Lattenmaier (2003). We used ***Z*0** values of 0.01 m for Dec-Mar, 0.02 m for Apr-May & Oct-Nov, and 0.03 for Jun-Sep months, which are appropriate for winter snow surfaces and open agricultural or short grassed rangeland areas without fences and hedgerows.

We also considered trace events of precipitation. A precipitation event of less than 0.1 mm is usually unmeasurable by most gauges and is generally recorded as trace precipitation. Goodison et al. (1998) indicated trace precipitation ranging between 0.0 and 0.2 mm per event. WMO 2014 recommended value 0.1 mm for rainfall and 0.2 mm for snowfall. Ye et al. (2004) recommended a value of 0.1 mm for each precipitation day, regardless of the number of trace events per day.

Wetting loss depends on geometry and material of collector gauge, form and incidence of precipitation, and frequency of precipitation measurements (Legates (1987). Yang (1988) and Yang et al. (1991) reported a wetting loss of 0.23 mm for rainfall, 0.30 mm for snow and 0.29 mm for mixed precipitation based on precipitation measurements at the Tianshan site. Ren and Li (2007) reported a mean wetting loss of about 0.19 mm for the total precipitation over eastern China. Legates (1987) compiled and reported mean wetting loss ranging from 0.02-0.30 mm per precipitation event for various gauge types, with 0.2 mm for MK2 model and 0.3 mm for Tretyakov model of rain gauge, which are used for this study. However, for automated precipitation gauges, the values are cut by half to account for relatively lower wetting losses in these gauges.

The number of trace and precipitation events is calculated from the available daily records of the stations; while for the stations having only monthly data we approximated these data from the daily data of the nearby stations. As majority of the precipitation gauges in our study area are manual giving only the daily precipitation amounts. Hence, if a trace or precipitation event had happened multiple times in a day, it is recorded only once. Therefore, there are chances that the actual number of trance and precipitation events may be more than what we have assumed.

The evaporation loss from the precipitation gauge during an event until the measurement of precipitation generally depends on the type of gauge and prevailing climate. Aaltonen et al. (1993) and Zhang et al. (2004) observed only a nominal evaporation rate of 0.10–0.20 mm d-1 during winter in Finland and Mongolia. The temperature in most parts of the high-altitude Indus basin remains below freezing point throughout the year and there is insufficient information regarding basin level evaporation rates from the national gauges. Therefore, the evaporation loss from the gauges during the precipitation events is considered insignificant and is neglected.

WAPDA is the custodian of all river flow data in Pakistan.The up-stream diversions of river flows (e.g. Warsak left and right bank canals taking off from upstream of Kabul at Warsak; Kabul river canal, upper Swat canal, lower Swat canal and Doaba canal taking off from upstream of Kabul at Nowshera; Pehur high level canal commissioned in 2005, Ichhar canal, upper Siran and lower Siran canals taking off from upstream of Indus at Tarbela; and the Beas-Sutlej Link canal taking off from upstream of Beas at Pong dam), which are often overlooked by th previous studies, are added to the flows of the respective sub-basins. The Beas-Sutlej Link (BSL) project was commissioned in 1977 and the mean annual inflow from the BSL in the period April 1978 to March 2009 was 4.345x109 m3 (ADB, 2010). This flow is diverted into Sutlej river before the river gauge at Bhakra dam, which need to be subtracted if the data used belongs to the period after 1977. River flow data do not have direct use in this study; rather we use it only for validation of our precipitation estimates. Therefore, we have used the flow data only for the corresponding precipitation data periods in each sub-hydrological basin.

Table S1. List of climatic stations used in this study. The stations from S. No. 1-41 are maintained by PMD, from 42-97 by WAPDA, 98-107 by CAK, 108-285 by IMD, 286-307 by Afghanistan, and 308-328 are virtual stations at the major glaciers. OA is orifice area and GH is gauge height. P, T and W denote precipitation, temperature and wind speed respectively. TBRG is for tipping bucket rain-gauge, WG is weighing type rain gauge, SP is snow pillow, SD is snow depth gauge, Sn is Symon’s gauge, and VS is for virtual stations. All the precipitation gauges are without windshields.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **S.**  **No** | **Station**  **Name** | **Longitude**  **(dd)** | **Latitude**  **(dd)** | **Elevation**  **(m)** | **Data**  **Period** | **Para-**  **meters** | **Data**  **Interval** | **Gauge**  **Type** | **OA**  **(cm2)** | **GH**  **(cm)** |
| 1 | Astore | 74.90000 | 35.36667 | 2394 | 1999-2011 | P T W | Daily | TBRG | 400 | 60 |
| 2 | Babusar | 74.04444 | 35.16000 | 4160 | 2005-2013 | P T | Daily | MK2 | 127 | 30 |
| 3 | Balakot | 72.35000 | 34.55000 | 995 | 1999-2011 | P T W | Daily | TBRG | 400 | 60 |
| 4 | Bhimber | 74.10000 | 33.00000 | 365 | 1941-1947 | P | Monthly | MK2 | 127 | 30 |
| 5 | Bunji | 74.63333 | 35.66667 | 1372 | 1999-2011 | P T W | Daily | MK2 | 127 | 30 |
| 6 | Chakdara | 72.00000 | 34.60000 | 670 | 1970-1975 | P | Monthly | MK2 | 127 | 30 |
| 7 | Chakwal | 72.73000 | 32.93300 | 521 | 1999-2011 | P T W | Daily | MK2 | 127 | 30 |
| 8 | Cherat | 71.89050 | 33.82250 | 1372 | 1999-2011 | P T W | Daily | MK2 | 127 | 30 |
| 9 | Chilas | 74.10000 | 35.41667 | 1251 | 1999-2011 | P T W | Daily | MK2 | 127 | 30 |
| 10 | Chitral | 71.83333 | 35.85000 | 1498 | 1999-2011 | P T W | Daily | MK2 | 127 | 30 |
| 11 | Dir | 71.85000 | 35.20000 | 1425 | 1999-2011 | P T W | Daily | MK2 | 127 | 30 |
| 12 | Drosh | 71.78333 | 35.56667 | 1464 | 1999-2011 | P T W | Daily | MK2 | 127 | 30 |
| 13 | GD Poto | 73.61667 | 34.21667 | 814 | 1961-1970 | P T W | Daily | TBRG | 400 | 60 |
| 14 | Gilgit | 74.33333 | 35.91667 | 1460 | 1999-2011 | P T W | Daily | TBRG | 400 | 60 |
| 15 | Gupis | 73.40000 | 36.16667 | 2156 | 1999-2011 | P T W | Daily | MK2 | 127 | 30 |
| 16 | Hunza | 74.64600 | 36.32200 | 2374 | 2007-2015 | P T | Daily | MK2 | 127 | 30 |
| 17 | Islamabad AP | 73.10000 | 33.61700 | 508 | 1999-2011 | P T W | Daily | TBRG | 400 | 60 |
| 18 | Jhelum | 73.71700 | 32.93300 | 234 | 1961-1970 | P T W | Daily | MK2 | 127 | 30 |
| 19 | Kakul | 73.25000 | 34.18333 | 1308 | 1999-2011 | P T W | Daily | MK2 | 127 | 30 |
| 20 | KalamP | 72.98330 | 35.83330 | 2103 | 2004-2015 | P T W | Daily | MK2 | 127 | 30 |
| 21 | Kamra | 72.40000 | 33.86700 | 325 | 2008-2012 | P | Monthly | MK2 | 127 | 30 |
| 22 | Kohat | 71.43330 | 33.58330 | 513 | 1954-2015 | P T W | Daily | MK2 | 127 | 30 |
| 23 | Kotli-P | 73.90000 | 33.51667 | 614 | 1961-1970 | P T W | Daily | MK2 | 127 | 30 |
| 24 | Landikotal | 71.20000 | 34.10000 | 1068 | 1951-1970 | P | Monthly | MK2 | 127 | 30 |
| 25 | Lower Dir | 71.81670 | 34.83330 | 786 | 2008-2015 | P T W | Daily | MK2 | 127 | 30 |
| 26 | Malamjaba | 72.90000 | 34.75000 | 2591 | 2003-2015 | P T W | Daily | MK2 | 127 | 30 |
| 27 | Mangla-P | 73.63000 | 33.06000 | 283 | 1999-2011 | P T W | Daily | MK2 | 127 | 30 |
| 28 | Miranshah | 70.12000 | 32.98000 | 912 | 1999-2011 | P | Monthly | MK2 | 127 | 30 |
| 29 | Mirkhani | 71.70000 | 35.50000 | 1250 | 2008-2015 | P T | Daily | MK2 | 127 | 30 |
| 30 | Mirpur | 73.80000 | 33.20000 | 361 | 1940-1947 | P T W | Daily | MK2 | 127 | 30 |
| 31 | Misgar | 74.76720 | 36.78837 | 3080 | 1951-1978 | P | Monthly | MK2 | 127 | 30 |
| 32 | Murree | 73.40000 | 33.90000 | 2168 | 1961-1970 | P T W | Daily | MK2 | 127 | 30 |
| 33 | Muzaffarabad | 73.48333 | 34.36667 | 702 | 1999-2011 | P T W | Daily | TBRG | 400 | 60 |
| 34 | Parachinar | 70.08333 | 33.86667 | 1725 | 1999-2011 | P T W | Daily | MK2 | 127 | 30 |
| 35 | Pattan | 73.00000 | 35.10000 | 752 | 2004-2015 | P T W | Daily | MK2 | 127 | 30 |
| 36 | Peshawar AP | 71.58300 | 34.01700 | 360 | 1999-2011 | P T W | Daily | TBRG | 400 | 60 |
| 37 | Rawlakot-P | 73.80000 | 33.85000 | 1680 | 2003-2015 | P T W | Daily | MK2 | 127 | 30 |
| 38 | Risalpur | 71.98300 | 34.06700 | 317 | 1999-2011 | P T W | Daily | MK2 | 127 | 30 |
| 39 | Saidusharif | 72.35000 | 34.73333 | 961 | 1999-2011 | P T W | Daily | MK2 | 127 | 30 |
| 40 | Sialkot | 74.53333 | 32.51667 | 255 | 1961-1970 | P T W | Daily | MK2 | 127 | 30 |
| 41 | Skardu | 75.68333 | 35.30000 | 2210 | 1999-2011 | P T W | Daily | MK2 | 127 | 30 |
| 42 | Abazai | 71.55000 | 34.43333 | 320 | 1985-1997 | P | Daily | MK2+WG | 127 | 30 |
| 43 | Amandara | 71.98200 | 34.62542 | 666 | 1985-1996 | P | Daily | MK2+WG | 127 | 30 |
| 44 | Bagh | 73.80000 | 33.98333 | 1159 | 1963-1975 | P | Monthly | MK2+WG | 127 | 30 |
| 45 | Besham | 72.88333 | 34.93333 | 480 | 1995-2006 | P T | Daily | MK2+WG | 127 | 30 |
| 46 | Burzil | 75.07910 | 34.89940 | 4030 | 1999-2011 | P T | Daily | SP | 400 | 60 |
| 47 | Charbagh | 72.44300 | 34.83420 | 1024 | 1991-1997 | P | Monthly | MK2+WG | 127 | 30 |
| 48 | Charsadda | 71.71667 | 34.11667 | 276 | 1999-2011 | P | Daily | MK2+WG | 127 | 30 |
| 49 | Dagar | 72.48639 | 34.51000 | 732 | 1999-2011 | P T | Daily | MK2+WG | 127 | 30 |
| 50 | Deosai | 75.60000 | 35.10000 | 3910 | 1999-2011 | P T | Daily | SP | 400 | 60 |
| 51 | Dhudnial | 74.11700 | 34.70000 | 534 | 1983-1990 | P T | Daily | MK2+WG | 127 | 30 |
| 52 | Domel | 73.46889 | 34.36778 | 686 | 1984-1990 | P T | Daily | MK2+WG | 127 | 30 |
| 53 | Doyian | 74.70417 | 35.54500 | 2454 | 1999-2011 | P T | Daily | MK2+WG | 127 | 30 |
| 54 | Fort Lokhart | 70.91864 | 33.55590 | 1996 | 1963-2009 | P T | Daily | MK2+WG | 127 | 30 |
| 55 | Gujar Khan | 73.30000 | 33.25000 | 457 | 1984-1990 | P T | Daily | MK2+WG | 127 | 30 |
| 56 | Hushy | 76.40000 | 35.36667 | 3010 | 1999-2011 | P T | Daily | SP | 400 | 60 |
| 57 | Jabbar | 73.22778 | 34.67167 | 2134 | 1991-2001 | P T | Daily | MK2+WG | 127 | 30 |
| 58 | Kachura | 75.42000 | 35.35000 | 2341 | 1991-2006 | P T | Daily | MK2+WG | 127 | 30 |
| 59 | KalamW | 72.60100 | 35.47000 | 2744 | 1999-2011 | P T | Daily | MK2+WG | 127 | 30 |
| 60 | Kallar | 73.36667 | 33.41667 | 518 | 1984-1990 | P T | Daily | MK2+WG | 127 | 30 |
| 61 | Kelash | 71.65472 | 35.69550 | 2810 | 1999-2011 | P T | Daily | SP | 400 | 60 |
| 62 | Khandar | 74.05000 | 33.50000 | 1067 | 1984-1990 | P T | Daily | MK2+WG | 127 | 30 |
| 63 | Khot | 72.58333 | 36.51667 | 3505 | 1999-2011 | P T | Daily | SP | 400 | 60 |
| 64 | Khunjrab-W | 75.33200 | 36.81200 | 4700 | 1999-2011 | P T | Daily | SP | 400 | 60 |
| 65 | Kotli-W | 73.88111 | 33.48472 | 610 | 1984-1990 | P T | Daily | MK2+WG | 127 | 30 |
| 66 | Lora | 73.28333 | 33.88333 | 1482 | 1989-1992 | P T | Daily | MK2+WG | 127 | 30 |
| 67 | Malakand | 71.90400 | 34.50230 | 603 | 1988-1997 | P | Daily | MK2+WG | 127 | 30 |
| 68 | Mangla-W | 73.63333 | 33.13333 | 305 | 1971-1978 | P T | Daily | MK2+WG | 127 | 30 |
| 69 | Mardan | 71.96667 | 34.30000 | 283 | 1997-2006 | P T | Daily | MK2+WG | 127 | 30 |
| 70 | Munda dam | 71.52450 | 34.35100 | 380 | 2000-2006 | P T | Daily | MK2+WG | 127 | 30 |
| 71 | Naltar | 74.26667 | 36.21667 | 2810 | 1999-2011 | P T | Daily | SP | 400 | 60 |
| 72 | Naran | 73.60700 | 34.96000 | 2363 | 1971-1978 | P T | Daily | MK2+WG | 127 | 30 |
| 73 | Oghi | 73.01667 | 34.50000 | 1128 | 1995-2006 | P T | Daily | MK2+WG | 127 | 30 |
| 74 | Palandri | 73.70000 | 33.71667 | 1402 | 1971-1978 | P T | Daily | MK2+WG | 127 | 30 |
| 75 | Phulra | 73.08333 | 34.33333 | 915 | 1995-2006 | P T | Daily | MK2+WG | 127 | 30 |
| 76 | Pir Chenasi | 73.54500 | 34.38500 | 2650 | 1999-2011 | P T | Daily | SP | 400 | 60 |
| 77 | Puran | 72.70000 | 34.75000 | 1067 | 1995-2006 | P T | Daily | MK2+WG | 127 | 30 |
| 78 | Qalangi | 71.80000 | 34.63000 | 688 | 1999-2011 | P | Monthly | MK2+WG | 127 | 30 |
| 79 | Rama | 74.80556 | 35.35833 | 3140 | 1999-2011 | P T | Daily | SP | 400 | 60 |
| 80 | Ratu | 74.80556 | 35.15278 | 2920 | 1999-2011 | P T | Daily | SP | 400 | 60 |
| 81 | Rawlakot-W | 73.76667 | 33.86667 | 1676 | 1971-1978 | P T | Daily | MK2+WG | 127 | 30 |
| 82 | Saifulmulk | 73.68750 | 34.84375 | 3200 | 2000-2011 | P T | Daily | SP | 400 | 60 |
| 83 | Sehrkakota | 73.96667 | 33.73333 | 915 | 1984-1990 | P T | Daily | MK2+WG | 127 | 30 |
| 84 | Shahpur | 72.66667 | 34.91667 | 2012 | 1995-2006 | P T | Daily | MK2+WG | 127 | 30 |
| 85 | Shangla | 72.59083 | 34.88083 | 2160 | 1999-2011 | P T | Daily | SP | 400 | 60 |
| 86 | Shendure | 72.52500 | 36.08611 | 3719 | 1999-2011 | P T | Daily | SP | 400 | 60 |
| 87 | Shigar | 75.59167 | 35.53000 | 2470 | 1999-2011 | P T | Daily | SP | 400 | 60 |
| 88 | Shinkiari | 73.26667 | 34.46667 | 991 | 1995-2006 | P T | Daily | MK2+WG | 127 | 30 |
| 89 | Shogran | 73.48556 | 34.62000 | 3205 | 2000-2008 | P T | Daily | SP | 400 | 60 |
| 90 | Tandar | 73.97639 | 33.20389 | 671 | 1984-1990 | P T | Daily | MK2+WG | 127 | 30 |
| 91 | Tarbela | 72.77000 | 34.06667 | 610 | 1999-2011 | P T | Daily | MK2+WG | 127 | 30 |
| 92 | Ushkore | 73.35833 | 36.01750 | 3353 | 1999-2011 | P T | Daily | SP | 400 | 60 |
| 93 | Yasin | 73.30000 | 36.63333 | 3353 | 1999-2011 | P T | Daily | SP | 400 | 60 |
| 94 | Yugo | 76.08000 | 35.02000 | 2469 | 1999-2011 | P T | Daily | MK2+WG | 127 | 30 |
| 95 | Zani | 72.15000 | 36.28333 | 3000 | 1999-2011 | P T | Daily | SP | 400 | 60 |
| 96 | Ziarat | 74.27778 | 36.83333 | 3669 | 1999-2011 | P T | Daily | SP | 400 | 60 |
| 97 | Zulam Br. | 71.79388 | 34.76500 | 680 | 2000-2006 | P | Daily | MK2+WG | 127 | 30 |
| 98 | Alambar | 73.48333 | 36.70000 | 4400 | 1991-1999 | P | Monthly | TBRG+SD | 127 | 30 |
| 99 | Bagrot | 74.55000 | 36.01667 | 2310 | 1999-2009 | P | Daily | TBRG+SD | 127 | 30 |
| 100 | Baldihel | 74.80000 | 36.35000 | 3900 | 1991-1999 | P | Monthly | TBRG+SD | 127 | 30 |
| 101 | Bulibalsirbar | 73.25000 | 36.36667 | 4050 | 1991-1999 | P | Monthly | TBRG+SD | 127 | 30 |
| 102 | Dadormal | 74.58333 | 36.01667 | 3560 | 1991-1999 | P | Monthly | TBRG+SD | 127 | 30 |
| 103 | Dame | 74.72608 | 36.00293 | 3780 | 1991-1999 | P | Monthly | TBRG+SD | 127 | 30 |
| 104 | Diran | 74.60000 | 36.05000 | 3650 | 1991-1999 | P | Monthly | TBRG+SD | 127 | 30 |
| 105 | Garmashbar | 73.53333 | 36.51667 | 3600 | 1991-1999 | P | Monthly | TBRG+SD | 127 | 30 |
| 106 | Khaimetbar | 73.05000 | 36.50000 | 3600 | 1991-1999 | P | Monthly | TBRG+SD | 127 | 30 |
| 107 | Khunjrab-C | 75.21543 | 36.92630 | 4730 | 1999-2011 | P T | Daily | TBRG+SD | 127 | 30 |
| 108 | Akhnoor | 74.73333 | 32.88333 | 331 | 1960-1970 | P | Monthly | MK2/Sn | 127 | 30 |
| 109 | Anantnag | 75.15000 | 33.72000 | 1588 | 1958-1970 | P | Monthly | MK2/Sn | 127 | 30 |
| 110 | Arizal | 74.60000 | 33.92000 | 1615 | 1961-1970 | P | Monthly | MK2/Sn | 127 | 30 |
| 111 | Arki | 76.95000 | 31.15000 | 1130 | 1959-1969 | P | Monthly | MK2/Sn | 127 | 30 |
| 112 | Babapura | 75.02000 | 33.78000 | 1589 | 1961-1970 | P | Monthly | MK2/Sn | 127 | 30 |
| 113 | Badarwah | 75.71667 | 32.96667 | 1690 | 1944-1968 | P | Monthly | MK2/Sn | 127 | 30 |
| 114 | Badgam | 74.58000 | 33.83000 | 1587 | 1961-1970 | P | Monthly | MK2/Sn | 127 | 30 |
| 115 | Bandipura | 74.63000 | 34.42000 | 1638 | 1961-1970 | P | Monthly | MK2/Sn | 127 | 30 |
| 116 | Banihal | 75.17000 | 33.50000 | 1630 | 1961-1970 | P | Monthly | MK2/Sn | 127 | 30 |
| 117 | Banjar Saraj | 77.33333 | 31.63333 | 1520 | 1959-1969 | P | Monthly | MK2/Sn | 127 | 30 |
| 118 | Baramula | 74.37000 | 34.20000 | 1572 | 1961-1970 | P | Monthly | MK2/Sn | 127 | 30 |
| 119 | Bashila | 77.67000 | 31.17000 | 2250 | 1958-1969 | P | Monthly | MK2/Sn | 127 | 30 |
| 120 | Batote | 75.32000 | 33.12000 | 1751 | 1961-1970 | P | Monthly | MK2/Sn | 127 | 30 |
| 121 | Bhagtan | 79.00000 | 31.00000 | 1036 | 1958-1965 | P | Monthly | MK2/Sn | 127 | 30 |
| 122 | Bhangrotu | 76.93000 | 31.62000 | 762 | 1959-1969 | P | Monthly | MK2/Sn | 127 | 30 |
| 123 | Bhuntar | 77.16667 | 31.83333 | 1067 | 1975-1984 | P | Monthly | MK2/Sn | 127 | 30 |
| 124 | Bilaspur | 76.75000 | 31.33333 | 587 | 1959-1969 | P | Monthly | MK2/Sn | 127 | 30 |
| 125 | Chachiot | 77.02000 | 31.55000 | 1504 | 1958-1964 | P | Monthly | MK2/Sn | 127 | 30 |
| 126 | Chandigarh | 76.88300 | 30.73300 | 347 | 1961-1970 | P T | Monthly | MK2/Sn | 127 | 30 |
| 127 | Charisharif | 74.77000 | 33.87000 | 1616 | 1961-1970 | P | Monthly | MK2/Sn | 127 | 30 |
| 128 | Chenani | 75.28000 | 33.03000 | 1122 | 1960-1969 | P | Monthly | MK2/Sn | 127 | 30 |
| 129 | Chini Kalpa | 78.25000 | 31.53333 | 2781 | 1958-1969 | P | Monthly | MK2/Sn | 127 | 30 |
| 130 | Chowari | 76.01667 | 32.45000 | 716 | 1960-1969 | P | Monthly | MK2/Sn | 127 | 30 |
| 131 | Dalhousie | 75.96667 | 32.53333 | 1959 | 1958-1965 | P | Monthly | MK2/Sn | 127 | 30 |
| 132 | Dasuya | 75.63000 | 31.80000 | 228 | 1961-1970 | P | Monthly | MK2/Sn | 127 | 30 |
| 133 | Dehra Gopipur | 76.21667 | 31.88333 | 436 | 1958-1969 | P | Monthly | MK2/Sn | 127 | 30 |
| 134 | Dharampur | 77.01667 | 30.90000 | 1986 | 1961-1970 | P | Monthly | MK2/Sn | 127 | 30 |
| 135 | Dharamshala | 76.38300 | 32.26700 | 1211 | 1961-1970 | P | Monthly | MK2/Sn | 127 | 30 |
| 136 | Dharamshala-L | 76.31667 | 32.21667 | 1745 | 1901-1969 | P | Monthly | MK2/Sn | 127 | 30 |
| 137 | Dharamshala-U | 76.08000 | 31.82000 | 899 | 1951-1965 | P | Monthly | MK2/Sn | 127 | 30 |
| 138 | Digar | 77.75000 | 34.25000 | 5182 | 1956-1964 | P | Monthly | MK2/Sn | 127 | 30 |
| 139 | Dras | 75.76667 | 34.43333 | 3066 | 1956-1970 | P | Monthly | MK2/Sn | 127 | 30 |
| 140 | Durroo | 75.23000 | 33.57000 | 1790 | 1956-1964 | P | Monthly | MK2/Sn | 127 | 30 |
| 141 | Garhshankar | 76.12000 | 31.22000 | 273 | 1961-1970 | P | Monthly | MK2/Sn | 127 | 30 |
| 142 | Gondhla | 77.03000 | 32.52000 | 3144 | 1961-1970 | P | Monthly | MK2/Sn | 127 | 30 |
| 143 | GS Nagar | 82.20000 | 29.60000 | 2133 | 1971-1990 | P | Monthly | MK2/Sn | 127 | 30 |
| 144 | Gulabgarh | 74.93000 | 33.43000 | 2137 | 1941-1947 | P | Monthly | MK2/Sn | 127 | 30 |
| 145 | Gulmarg | 74.36600 | 34.03200 | 2705 | 1961-1970 | P | Monthly | MK2/Sn | 127 | 30 |
| 146 | Gund | 75.08000 | 34.25000 | 2052 | 1961-1970 | P | Monthly | MK2/Sn | 127 | 30 |
| 147 | Gurez | 74.85000 | 34.63000 | 2417 | 1953-1958 | P | Monthly | MK2/Sn | 127 | 30 |
| 148 | Hamirpur | 76.53333 | 31.70000 | 786 | 1958-1969 | P | Monthly | MK2/Sn | 127 | 30 |
| 149 | Handwara | 74.28000 | 34.40000 | 1585 | 1961-1970 | P | Monthly | MK2/Sn | 127 | 30 |
| 150 | Hoshiyarpur | 75.92000 | 31.53000 | 294 | 1961-1970 | P | Monthly | MK2/Sn | 127 | 30 |
| 151 | Jammu | 74.80000 | 32.70000 | 277 | 1961-1970 | P | Monthly | MK2/Sn | 127 | 30 |
| 152 | Janjehli | 77.21667 | 31.51667 | 2286 | 1958-1969 | P | Monthly | MK2/Sn | 127 | 30 |
| 153 | Jhungi | 77.06667 | 31.41667 | 1785 | 1958-1969 | P | Monthly | MK2/Sn | 127 | 30 |
| 154 | Jogindarnagar | 76.75000 | 31.91667 | 1221 | 1959-1969 | P | Monthly | MK2/Sn | 127 | 30 |
| 155 | Jubal | 77.66667 | 31.10000 | 2000 | 1959-1969 | P | Monthly | MK2/Sn | 127 | 30 |
| 156 | Junga | 77.20000 | 31.03000 | 1227 | 1959-1969 | P | Monthly | MK2/Sn | 127 | 30 |
| 157 | Kalka | 76.93000 | 30.83000 | 686 | 1958-1969 | P | Monthly | MK2/Sn | 127 | 30 |
| 158 | Kandaghat | 77.12000 | 30.97000 | 1339 | 1958-1969 | P | Monthly | MK2/Sn | 127 | 30 |
| 159 | Kangra | 76.25000 | 32.10000 | 701 | 1952-1969 | P | Monthly | MK2/Sn | 127 | 30 |
| 160 | Kargil | 76.13000 | 34.57000 | 2679 | 1935-1944 | P | Monthly | MK2/Sn | 127 | 30 |
| 161 | Karsog | 77.20000 | 31.38000 | 1420 | 1958-1969 | P | Monthly | MK2/Sn | 127 | 30 |
| 162 | Kasauli1 | 76.96667 | 30.88333 | 1783 | 1945-1950 | P | Monthly | MK2/Sn | 127 | 30 |
| 163 | Kasauli2 | 77.00000 | 30.90000 | 1559 | 1958-1969 | P | Monthly | MK2/Sn | 127 | 30 |
| 164 | Kasumpti | 77.17000 | 31.00000 | 1700 | 1958-1969 | P | Monthly | MK2/Sn | 127 | 30 |
| 165 | Kataula | 77.06667 | 31.80000 | 1762 | 1959-1969 | P | Monthly | MK2/Sn | 127 | 30 |
| 166 | Khadrala | 77.58000 | 31.27000 | 2957 | 1958-1969 | P | Monthly | MK2/Sn | 127 | 30 |
| 167 | Khalatse | 76.83333 | 34.25000 | 3205 | 1961-1970 | P | Monthly | MK2/Sn | 127 | 30 |
| 168 | Khangral | 76.50000 | 34.33333 | 3887 | 1961-1970 | P | Monthly | MK2/Sn | 127 | 30 |
| 169 | Kharar | 76.65000 | 30.75000 | 280 | 1958-1970 | P | Monthly | MK2/Sn | 127 | 30 |
| 170 | Kilba | 78.13000 | 31.50000 | 2592 | 1958-1969 | P | Monthly | MK2/Sn | 127 | 30 |
| 171 | Kishtwar | 75.75000 | 33.30000 | 1215 | 1961-1970 | P | Monthly | MK2/Sn | 127 | 30 |
| 172 | Kokernagh | 75.28000 | 33.92000 | 1676 | 1961-1970 | P | Monthly | MK2/Sn | 127 | 30 |
| 173 | Koksar | 77.23000 | 32.42000 | 3204 | 1956-1970 | P | Monthly | MK2/Sn | 127 | 30 |
| 174 | Kotarh | 77.48000 | 31.30000 | 2000 | 1953-1965 | P | Monthly | MK2/Sn | 127 | 30 |
| 175 | Kothi | 77.20000 | 32.32000 | 2438 | 1961-1970 | P | Monthly | MK2/Sn | 127 | 30 |
| 176 | Kotkhai | 77.53333 | 31.11667 | 1560 | 1958-1969 | P | Monthly | MK2/Sn | 127 | 30 |
| 177 | Kukernag | 75.30000 | 33.60000 | 1865 | 1961-1970 | P | Monthly | MK2/Sn | 127 | 30 |
| 178 | Kulgam | 75.02000 | 33.63000 | 1615 | 1961-1970 | P | Monthly | MK2/Sn | 127 | 30 |
| 179 | Kulu | 77.11667 | 31.95000 | 1370 | 1959-1969 | P | Monthly | MK2/Sn | 127 | 30 |
| 180 | Kumarsain | 77.45000 | 31.31667 | 1700 | 1959-1969 | P | Monthly | MK2/Sn | 127 | 30 |
| 181 | Kyelong | 76.94500 | 32.60500 | 3166 | 1961-1970 | P | Monthly | MK2/Sn | 127 | 30 |
| 182 | Langet | 74.30000 | 34.37000 | 1588 | 1961-1970 | P | Monthly | MK2/Sn | 127 | 30 |
| 183 | Leh | 77.56667 | 34.15000 | 3514 | 1955-1969 | P T | Monthly | MK2/Sn | 127 | 30 |
| 184 | Malashahibag | 74.78000 | 34.22000 | 1583 | 1961-1970 | P | Monthly | MK2/Sn | 127 | 30 |
| 185 | Malikpur | 75.67000 | 32.22000 | 302 | 1961-1970 | P | Monthly | MK2/Sn | 127 | 30 |
| 186 | Mandi1 | 76.96667 | 31.71667 | 761 | 1961-1970 | P | Monthly | MK2/Sn | 127 | 30 |
| 187 | Mandi2 | 76.93000 | 31.72000 | 762 | 1958-1969 | P | Monthly | MK2/Sn | 127 | 30 |
| 188 | Mulbek | 76.33333 | 34.33333 | 3926 | 1956-1969 | P | Monthly | MK2/Sn | 127 | 30 |
| 189 | Nalagarh | 76.71667 | 31.05000 | 616 | 1958-1969 | P | Monthly | MK2/Sn | 127 | 30 |
| 190 | Nawanshahr | 76.12000 | 31.12000 | 255 | 1961-1970 | P | Monthly | MK2/Sn | 127 | 30 |
| 191 | Nichar | 77.96667 | 31.55000 | 1970 | 1959-1969 | P | Monthly | MK2/Sn | 127 | 30 |
| 192 | Nowshera | 74.23000 | 33.15000 | 599 | 1951-1969 | P | Monthly | MK2/Sn | 127 | 30 |
| 193 | Nurpur | 75.91667 | 32.30000 | 616 | 1952-1969 | P | Monthly | MK2/Sn | 127 | 30 |
| 194 | Palampur | 76.53333 | 32.13333 | 1217 | 1958-1969 | P | Monthly | MK2/Sn | 127 | 30 |
| 195 | Panamik | 77.61200 | 34.57200 | 3114 | 1956-1970 | P | Monthly | MK2/Sn | 127 | 30 |
| 196 | Panjain | 77.18000 | 31.70000 | 1828 | 1959-1969 | P | Monthly | MK2/Sn | 127 | 30 |
| 197 | Pathankot | 75.65000 | 32.28000 | 312 | 1958-1970 | P | Monthly | MK2/Sn | 127 | 30 |
| 198 | Pendras | 75.58333 | 34.41667 | 4880 | 1956-1970 | P | Monthly | MK2/Sn | 127 | 30 |
| 199 | Phalgam | 75.33000 | 34.03000 | 1707 | 1961-1970 | P | Monthly | MK2/Sn | 127 | 30 |
| 200 | Poonch | 74.12000 | 33.78000 | 1067 | 1945-1962 | P | Monthly | MK2/Sn | 127 | 30 |
| 201 | Prang | 74.87000 | 34.28000 | 1588 | 1961-1970 | P | Monthly | MK2/Sn | 127 | 30 |
| 202 | Purbani | 78.33000 | 31.62000 | 2591 | 1958-1969 | P | Monthly | MK2/Sn | 127 | 30 |
| 203 | Qazi Gund | 75.08000 | 33.58000 | 1690 | 1961-1970 | P | Monthly | MK2/Sn | 127 | 30 |
| 204 | Rajdhani | 74.30000 | 33.38000 | 924 | 1941-1947 | P | Monthly | MK2/Sn | 127 | 30 |
| 205 | Ramban | 75.25000 | 33.25000 | 945 | 1956-1969 | P | Monthly | MK2/Sn | 127 | 30 |
| 206 | Ramnagar | 75.31667 | 32.80000 | 792 | 1956-1969 | P | Monthly | MK2/Sn | 127 | 30 |
| 207 | Rampur | 77.63333 | 31.43333 | 1067 | 1959-1969 | P | Monthly | MK2/Sn | 127 | 30 |
| 208 | Riasi | 74.83000 | 33.08000 | 585 | 1958-1969 | P | Monthly | MK2/Sn | 127 | 30 |
| 209 | Rohru | 77.75000 | 31.22000 | 1773 | 1959-1969 | P | Monthly | MK2/Sn | 127 | 30 |
| 210 | Rupanagar | 76.52000 | 30.97000 | 274 | 1958-1969 | P | Monthly | MK2/Sn | 127 | 30 |
| 211 | Sangla | 78.26667 | 31.41667 | 1981 | 1958-1969 | P | Monthly | MK2/Sn | 127 | 30 |
| 212 | Sarkahat | 76.73333 | 31.70000 | 914 | 1959-1969 | P | Monthly | MK2/Sn | 127 | 30 |
| 213 | Shillaru | 77.45000 | 31.20000 | 2450 | 1958-1969 | P | Monthly | MK2/Sn | 127 | 30 |
| 214 | Shimla | 77.16667 | 31.10000 | 2202 | 1961-1970 | P T | Monthly | MK2/Sn | 127 | 30 |
| 215 | Shiquanhe | 80.08300 | 32.50000 | 4280 | 1961-1970 | P T | Monthly | MK2/Sn | 127 | 30 |
| 216 | Shopian | 74.83000 | 33.72000 | 1615 | 1961-1970 | P | Monthly | MK2/Sn | 127 | 30 |
| 217 | Sogam | 74.40000 | 34.50000 | 1760 | 1961-1970 | P | Monthly | MK2/Sn | 127 | 30 |
| 218 | Solan | 77.11667 | 30.90000 | 1459 | 1959-1969 | P | Monthly | MK2/Sn | 127 | 30 |
| 219 | Sonemarg | 75.31667 | 34.31667 | 2515 | 1951-1969 | P | Monthly | MK2/Sn | 127 | 30 |
| 220 | Sopore | 74.47000 | 34.30000 | 1574 | 1961-1970 | P | Monthly | MK2/Sn | 127 | 30 |
| 221 | SR Sing | 74.70000 | 32.60000 | 273 | 1958-1969 | P | Monthly | MK2/Sn | 127 | 30 |
| 222 | Srinagar | 74.83333 | 34.08333 | 1587 | 1961-1970 | P T | Monthly | MK2/Sn | 127 | 30 |
| 223 | Sundarnagar | 76.88333 | 31.53333 | 1193 | 1959-1969 | P | Monthly | MK2/Sn | 127 | 30 |
| 224 | Suni Seoni | 77.11667 | 31.25000 | 668 | 1958-1969 | P | Monthly | MK2/Sn | 127 | 30 |
| 225 | Tanda | 76.70000 | 31.60000 | 769 | 1958-1965 | P | Monthly | MK2/Sn | 127 | 30 |
| 226 | Tangmarg | 74.42469 | 34.06090 | 2171 | 1961-1970 | P | Monthly | MK2/Sn | 127 | 30 |
| 227 | Tapoban | 79.60000 | 30.50000 | 2671 | 1951-1958 | P | Monthly | MK2/Sn | 127 | 30 |
| 228 | Theog | 77.36667 | 31.13333 | 1893 | 1958-1969 | P | Monthly | MK2/Sn | 127 | 30 |
| 229 | Tibri | 75.58000 | 32.10000 | 270 | 1961-1970 | P | Monthly | MK2/Sn | 127 | 30 |
| 230 | Tral | 75.12000 | 33.93000 | 1615 | 1961-1970 | P | Monthly | MK2/Sn | 127 | 30 |
| 231 | T-K-I-H-Kung | 81.43300 | 30.55000 | 4736 | 1988-1998 | P T | Monthly | MK2/Sn | 127 | 30 |
| 232 | Udhampur | 75.10000 | 32.90000 | 236 | 1958-1969 | P | Monthly | MK2/Sn | 127 | 30 |
| 233 | Una | 76.28333 | 31.46667 | 346 | 1958-1969 | P | Monthly | MK2/Sn | 127 | 30 |
| 234 | Uri | 74.03000 | 34.05000 | 1628 | 1941-1947 | P | Monthly | MK2/Sn | 127 | 30 |
| 235 | Uttamchipura | 74.67000 | 34.50000 | 3145 | 1951-1956 | P | Monthly | MK2/Sn | 127 | 30 |
| 236 | Vantipura | 74.90000 | 33.88000 | 1600 | 1961-1970 | P | Monthly | MK2/Sn | 127 | 30 |
| 237 | Verinagh | 75.25000 | 33.53000 | 1646 | 1965-1970 | P | Monthly | MK2/Sn | 127 | 30 |
| 238 | Arthal | 76.18095 | 33.24808 | 2225 | 1974-1990 | P | Monthly | MK2/Sn | 127 | 30 |
| 239 | Bhakra | 76.78750 | 31.41472 | 518 | 1983-1993 | P | Monthly | MK2/Sn | 127 | 30 |
| 240 | Bunencha | 75.91829 | 32.98423 | 2600 | 1974-1990 | P | Monthly | MK2/Sn | 127 | 30 |
| 241 | Chingaon | 75.57881 | 33.50729 | 1840 | 1974-1990 | P | Monthly | MK2/Sn | 127 | 30 |
| 242 | Chitkul | 78.43600 | 31.35250 | 3841 | 1983-1993 | P | Monthly | MK2/Sn | 127 | 30 |
| 243 | Damini | 74.80286 | 33.34395 | 885 | 1974-1990 | P | Monthly | MK2/Sn | 127 | 30 |
| 244 | Darabshala | 75.87560 | 33.13058 | 1095 | 1974-1990 | P | Monthly | MK2/Sn | 127 | 30 |
| 245 | Devigol | 76.05492 | 33.10777 | 2450 | 1974-1990 | P | Monthly | MK2/Sn | 127 | 30 |
| 246 | Dhamkund | 75.14167 | 33.24670 | 640 | 1974-1990 | P | Monthly | MK2/Sn | 127 | 30 |
| 247 | Doda | 75.54745 | 33.14540 | 1140 | 1974-1990 | P | Monthly | MK2/Sn | 127 | 30 |
| 248 | Dusadudha | 75.98979 | 33.04808 | 2440 | 1974-1990 | P | Monthly | MK2/Sn | 127 | 30 |
| 249 | Gainta | 74.98332 | 33.06661 | 1000 | 1974-1990 | P | Monthly | MK2/Sn | 127 | 30 |
| 250 | Ghamroor | 75.95649 | 31.95345 | 436 | 1983-1993 | P | Monthly | MK2/Sn | 127 | 30 |
| 251 | Harsur | 76.04476 | 32.10751 | 667 | 1983-1993 | P | Monthly | MK2/Sn | 127 | 30 |
| 252 | Hawal | 76.09438 | 33.53781 | 2745 | 1974-1990 | P | Monthly | MK2/Sn | 127 | 30 |
| 253 | Inshan | 75.56600 | 33.75000 | 2440 | 1974-1990 | P | Monthly | MK2/Sn | 127 | 30 |
| 254 | Kahu | 76.78750 | 31.20361 | 649 | 1983-1993 | P | Monthly | MK2/Sn | 127 | 30 |
| 255 | Kasol | 76.87833 | 31.35694 | 662 | 1983-1993 | P | Monthly | MK2/Sn | 127 | 30 |
| 256 | Kati | 75.18426 | 33.09472 | 1570 | 1974-1990 | P | Monthly | MK2/Sn | 127 | 30 |
| 257 | Kaza | 78.07222 | 32.22500 | 3639 | 1983-1993 | P | Monthly | MK2/Sn | 127 | 30 |
| 258 | Kupwara | 74.25000 | 34.51000 | 1609 | 1958-1969 | P | Monthly | MK2/Sn | 127 | 30 |
| 259 | Larji | 77.21894 | 31.72514 | 995 | 1983-1993 | P | Monthly | MK2/Sn | 127 | 30 |
| 260 | Lossar | 77.75000 | 32.43800 | 4079 | 1983-1993 | P | Monthly | MK2/Sn | 127 | 30 |
| 261 | Matsal | 76.44896 | 33.51256 | 4325 | 1974-1990 | P | Monthly | MK2/Sn | 127 | 30 |
| 262 | Mau | 76.32062 | 33.40928 | 2900 | 1974-1990 | P | Monthly | MK2/Sn | 127 | 30 |
| 263 | Mohu | 75.10488 | 33.44952 | 2440 | 1974-1990 | P | Monthly | MK2/Sn | 127 | 30 |
| 264 | Moorang | 78.44800 | 31.59060 | 2744 | 1983-1993 | P | Monthly | MK2/Sn | 127 | 30 |
| 265 | Namgia | 78.65630 | 31.80306 | 3083 | 1983-1993 | P | Monthly | MK2/Sn | 127 | 30 |
| 266 | Nandan | 74.38528 | 33.43564 | 1910 | 1974-1990 | P | Monthly | MK2/Sn | 127 | 30 |
| 267 | Ohli | 75.93484 | 33.33845 | 1585 | 1974-1990 | P | Monthly | MK2/Sn | 127 | 30 |
| 268 | Palmar | 75.67044 | 33.43411 | 1585 | 1974-1990 | P | Monthly | MK2/Sn | 127 | 30 |
| 269 | Pooh | 78.58890 | 31.76310 | 2896 | 1983-1993 | P | Monthly | MK2/Sn | 127 | 30 |
| 270 | Pouni | 74.69560 | 33.09154 | 600 | 1974-1990 | P | Monthly | MK2/Sn | 127 | 30 |
| 271 | Rakchham | 78.35556 | 31.39167 | 3282 | 1983-1993 | P | Monthly | MK2/Sn | 127 | 30 |
| 272 | Rekenwas | 75.57231 | 33.96589 | 3660 | 1974-1990 | P | Monthly | MK2/Sn | 127 | 30 |
| 273 | Rot | 75.46397 | 33.05582 | 1375 | 1974-1990 | P | Monthly | MK2/Sn | 127 | 30 |
| 274 | Sain | 74.82142 | 33.42813 | 2240 | 1974-1990 | P | Monthly | MK2/Sn | 127 | 30 |
| 275 | Sainj | 77.30556 | 31.77011 | 1348 | 1983-1993 | P | Monthly | MK2/Sn | 127 | 30 |
| 276 | Salal | 74.80628 | 33.11661 | 610 | 1974-1990 | P | Monthly | MK2/Sn | 127 | 30 |
| 277 | Sarkund | 75.55288 | 33.84823 | 2350 | 1974-1990 | P | Monthly | MK2/Sn | 127 | 30 |
| 278 | Shahpur-I | 76.17020 | 32.22650 | 755 | 1983-1993 | P | Monthly | MK2/Sn | 127 | 30 |
| 279 | Sirshi | 75.89336 | 33.50897 | 1675 | 1974-1990 | P | Monthly | MK2/Sn | 127 | 30 |
| 280 | Sohal | 76.22161 | 33.21381 | 2000 | 1974-1990 | P | Monthly | MK2/Sn | 127 | 30 |
| 281 | Tandi | 76.97637 | 32.55639 | 3100 | 1974-1990 | P | Monthly | MK2/Sn | 127 | 30 |
| 282 | Thana | 75.67658 | 33.23242 | 2440 | 1974-1990 | P | Monthly | MK2/Sn | 127 | 30 |
| 283 | Tillar | 75.71831 | 33.61311 | 2130 | 1974-1990 | P | Monthly | MK2/Sn | 127 | 30 |
| 284 | Udaipur | 76.66494 | 32.72437 | 2600 | 1974-1990 | P | Monthly | MK2/Sn | 127 | 30 |
| 285 | Yurod | 75.71760 | 33.66478 | 2165 | 1974-1990 | P | Monthly | MK2/Sn | 127 | 30 |
| 286 | Asmar | 71.43333 | 35.01667 | 880 | 1975-2012 | P T | Monthly | Tretyakov | 200 | 40 |
| 287 | Bamiyan | 67.81667 | 34.81667 | 2550 | 1975-2012 | P T | Monthly | Tretyakov | 200 | 40 |
| 288 | Darullaman | 69.10000 | 34.45000 | 1825 | 1974-1984 | P T | Monthly | Tretyakov | 200 | 40 |
| 289 | Gerdiz | 69.23333 | 33.61667 | 2350 | 1975-2012 | P T | Monthly | Tretyakov | 200 | 40 |
| 290 | Ghaziabad | 70.76667 | 34.31667 | 510 | 1975-2012 | P T | Monthly | Tretyakov | 200 | 40 |
| 291 | Ghazni | 68.41667 | 33.53333 | 2183 | 1975-2012 | P T | Monthly | Tretyakov | 200 | 40 |
| 292 | Jabul Saraj | 69.25000 | 35.13333 | 1630 | 1975-2012 | P T W | Monthly | Tretyakov | 200 | 40 |
| 293 | Jalalabad | 70.46667 | 34.43333 | 580 | 1975-1984 | P T | Monthly | Tretyakov | 200 | 40 |
| 294 | Kabul AP | 69.21667 | 34.55000 | 1791 | 1975-2012 | P T W | Monthly | Tretyakov | 200 | 40 |
| 295 | Karizmir | 69.05000 | 34.63333 | 1905 | 1975-2012 | P T | Monthly | Tretyakov | 200 | 40 |
| 296 | Khost | 69.95000 | 33.35000 | 1146 | 1975-2012 | P T | Monthly | Tretyakov | 200 | 40 |
| 297 | Laghman | 70.21667 | 34.65000 | 770 | 1975-1984 | P T | Monthly | Tretyakov | 200 | 40 |
| 298 | Logar | 69.05000 | 34.10000 | 1935 | 1975-1984 | P T | Monthly | Tretyakov | 200 | 40 |
| 299 | Mirbachakot | 69.13333 | 34.76667 | 1660 | 1975-1980 | P T | Monthly | Tretyakov | 200 | 40 |
| 300 | Mokur | 67.78333 | 32.83333 | 2000 | 1975-1984 | P T | Monthly | Tretyakov | 200 | 40 |
| 301 | North Salang | 69.01667 | 35.31667 | 3366 | 1975-1984 | P T | Monthly | Tretyakov | 200 | 40 |
| 302 | Okak | 67.95000 | 33.88333 | 3130 | 1975-1979 | P T | Monthly | Tretyakov | 200 | 40 |
| 303 | Paghman | 68.95000 | 34.91667 | 2114 | 1975-2012 | P T | Monthly | Tretyakov | 200 | 40 |
| 304 | Pan Jao | 67.03333 | 34.36667 | 2710 | 1975-1979 | P T | Monthly | Tretyakov | 200 | 40 |
| 305 | Sarobi | 69.75000 | 34.58333 | 1020 | 1975-2012 | P T | Monthly | Tretyakov | 200 | 40 |
| 306 | South Salang | 69.06667 | 35.30000 | 3172 | 1975-1984 | P T W | Monthly | Tretyakov | 200 | 40 |
| 307 | Zebak | 71.25000 | 36.50000 | 2600 | 1978-1984 | P T | Monthly | Tretyakov | 200 | 40 |
| 308 | Approach | 75.63310 | 36.06778 | 5100 | 1985-1987 | P | Monthly | V S | **-** | **-** |
| 309 | Baltoro | 76.55079 | 35.87778 | 5500 | 1973-1980 | P | Monthly | V S | **-** | **-** |
| 310 | Batura | 74.38333 | 36.66667 | 4840 | 1973-1974 | P | Monthly | V S | **-** | **-** |
| 311 | Chong Kumdan | 77.54475 | 35.25317 | 5330 | 1986-1991 | P | Monthly | V S | **-** | **-** |
| 312 | Chogolungma | 75.00000 | 36.00000 | 4900 | 1985-1988 | P | Monthly | V S | **-** | **-** |
| 313 | Hispar Dome | 75.51872 | 36.01091 | 5450 | 1982-1986 | P | Monthly | V S | **-** | **-** |
| 314 | Hispar East | 75.50639 | 35.84953 | 4830 | 1985-1988 | P | Monthly | V S | **-** | **-** |
| 315 | Hispar West | 75.31635 | 36.20336 | 5450 | 1985-1988 | P | Monthly | V S | **-** | **-** |
| 316 | Hispar Pass | 75.52151 | 36.02807 | 5100 | 1984-1986 | P | Monthly | V S | **-** | **-** |
| 317 | Khurdopin | 75.61969 | 36.13377 | 5520 | 1984-1986 | P | Monthly | V S | **-** | **-** |
| 318 | Nanga Parbat | 74.60000 | 35.22500 | 5440 | 1984-1997 | P | Monthly | V S | **-** | **-** |
| 319 | Nun Kun North | 76.10142 | 34.12193 | 5200 | 1973-1980 | P | Monthly | V S | **-** | **-** |
| 320 | Sentik | 75.95000 | 33.99670 | 4908 | 1963-1980 | P | Monthly | V S | **-** | **-** |
| 321 | Siachin A | 77.03757 | 35.47073 | 4800 | 1986-1991 | P | Monthly | V S | **-** | **-** |
| 322 | Siachin B | 76.99150 | 35.52349 | 4950 | 1986-1991 | P | Monthly | V S | **-** | **-** |
| 323 | Siachin C | 76.91160 | 35.51866 | 5050 | 1986-1991 | P | Monthly | V S | **-** | **-** |
| 324 | Siachin D | 76.85924 | 35.62423 | 5350 | 1986-1991 | P | Monthly | V S | **-** | **-** |
| 325 | South Terong | 77.48080 | 35.09276 | 5330 | 1986-1991 | P | Monthly | V S | **-** | **-** |
| 326 | Terong | 77.31197 | 35.51773 | 5350 | 1986-1991 | P | Monthly | V S | **-** | **-** |
| 327 | Urdok | 76.70253 | 35.76688 | 5400 | 2004-2006 | P | Monthly | V S | **-** | **-** |
| 328 | Whaleback | 75.59149 | 36.05717 | 4900 | 1985-1986 | P | Monthly | V S | **-** | **-** |

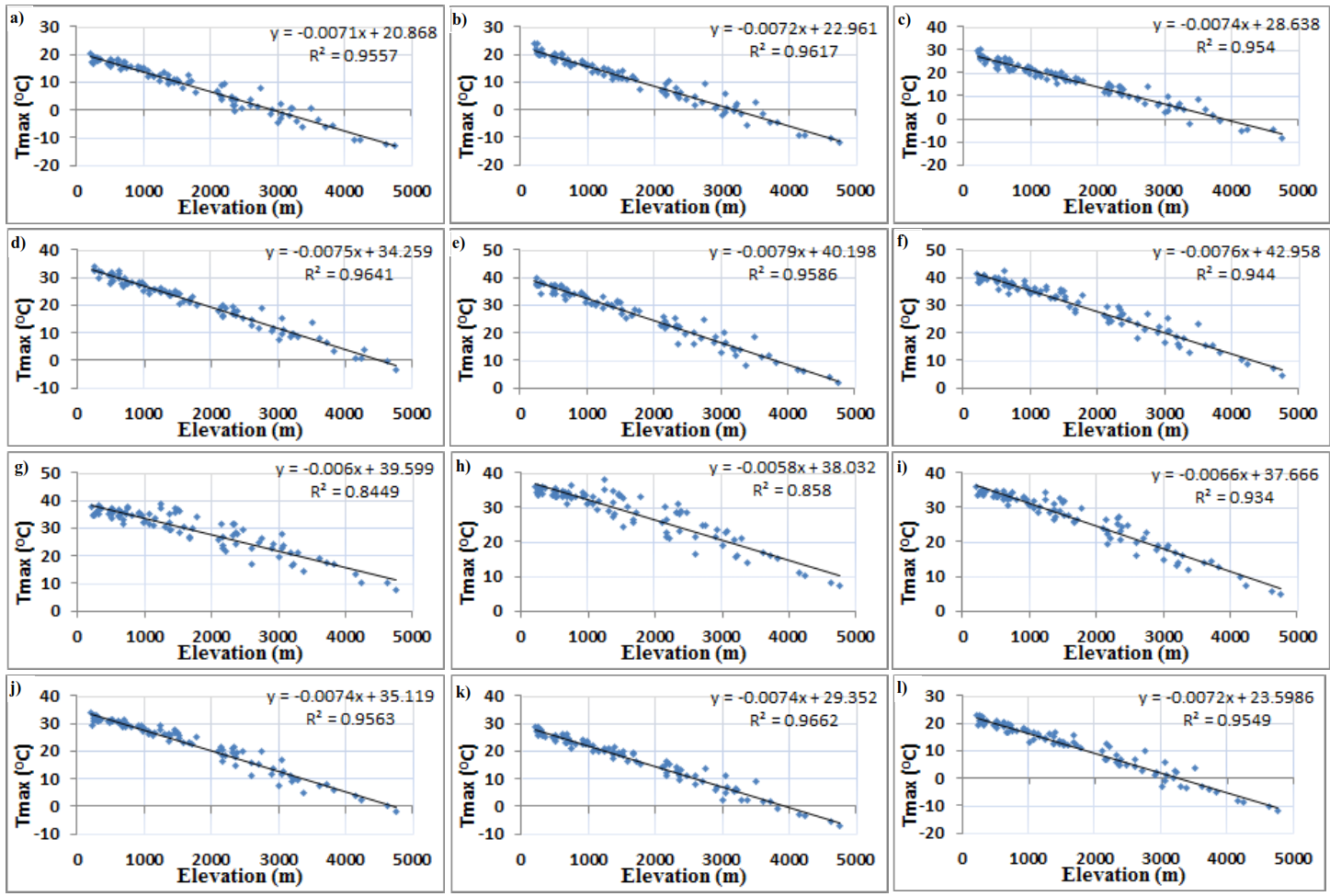


Figure S2. Elevation based lapse rates of mean monthly maximum temperature for 1999-2011 time period. The letters a – l indicate months from January-December.

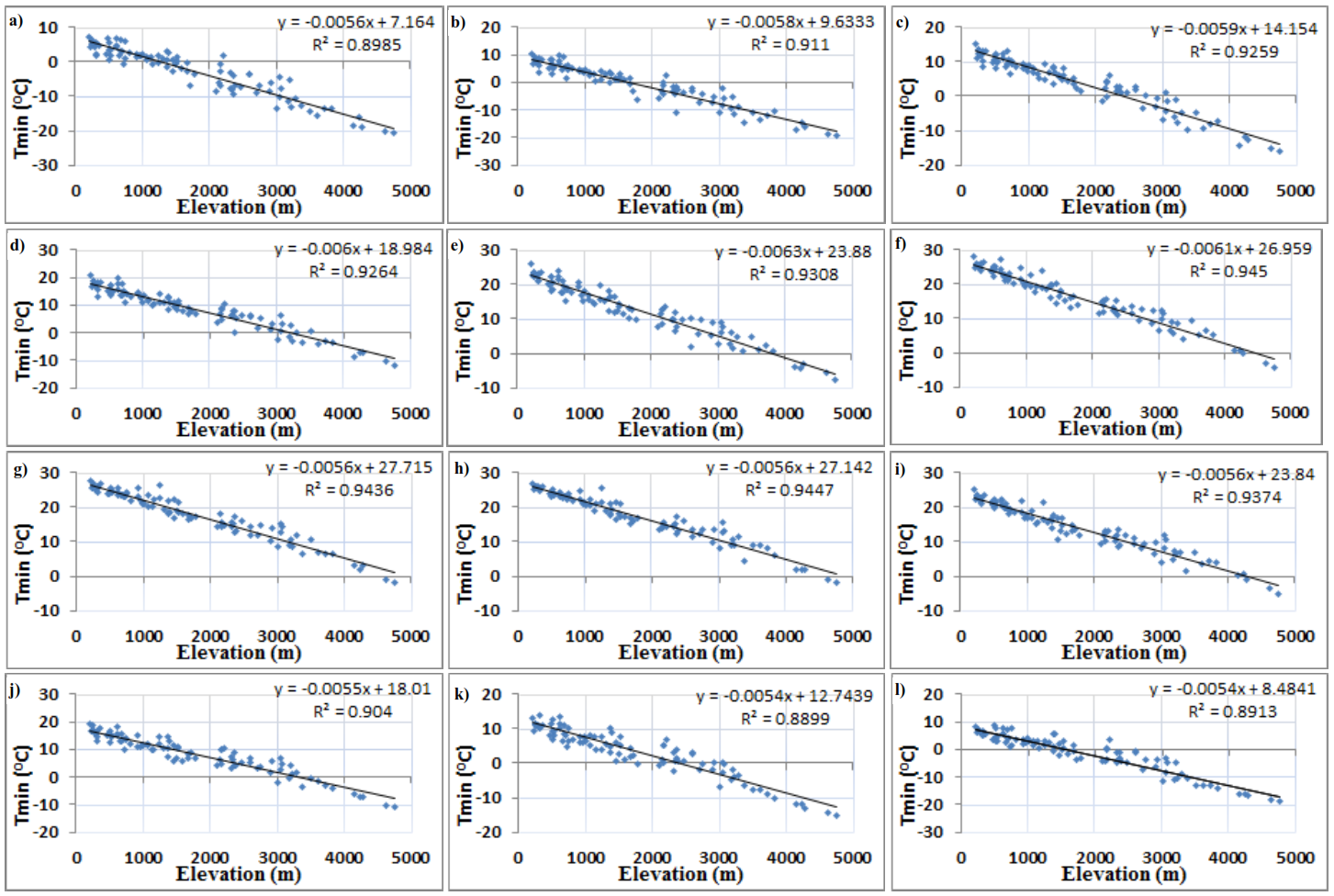


Figure S3. Elevation based lapse rates of mean monthly minimum temperature for 1999-2011 time period. The letters a – l indicate months from January-December.

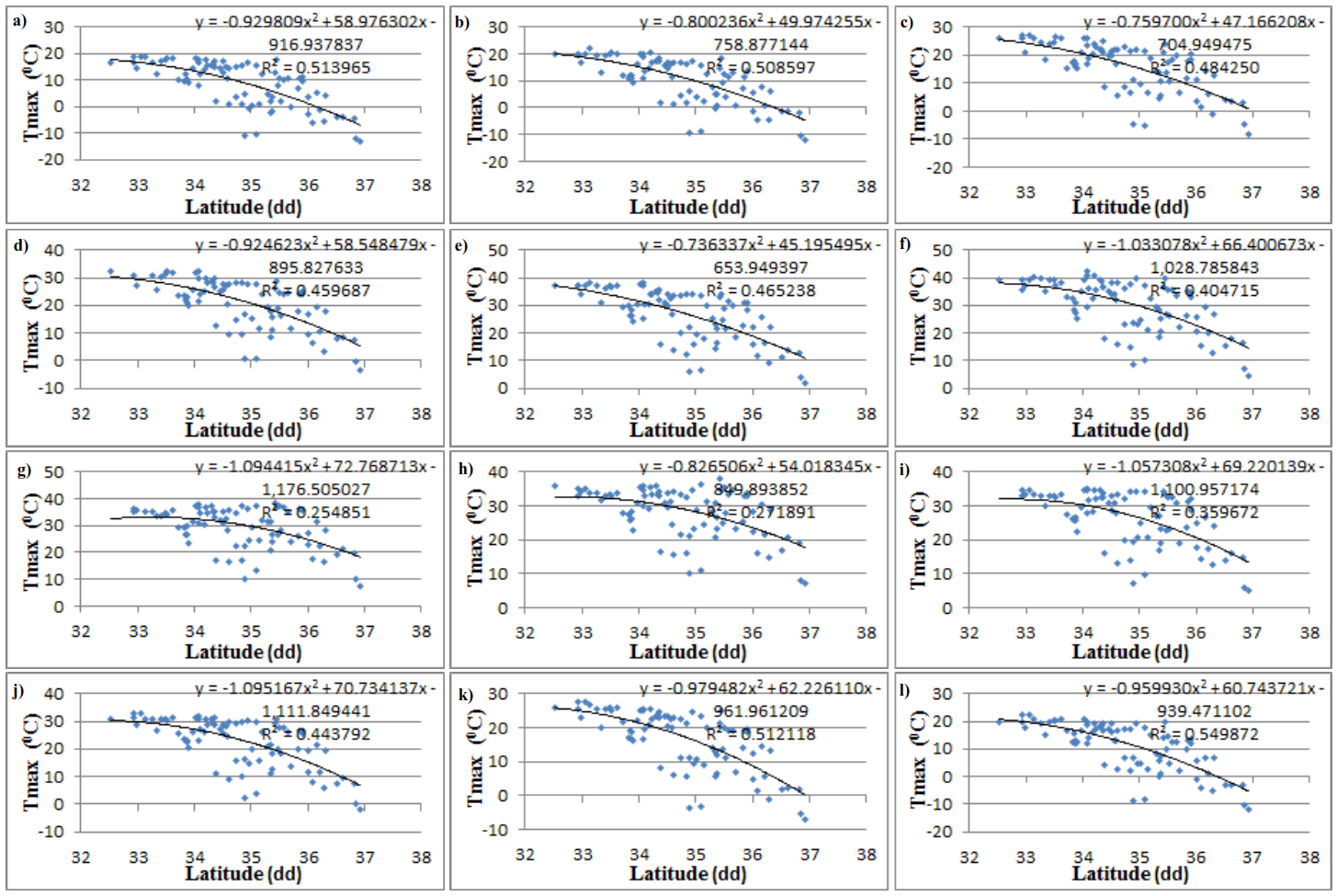


Figure S4. Latitude based lapse rates of mean monthly maximum temperature for 1999-2011 time period. The letters a – l indicate months from January-December.

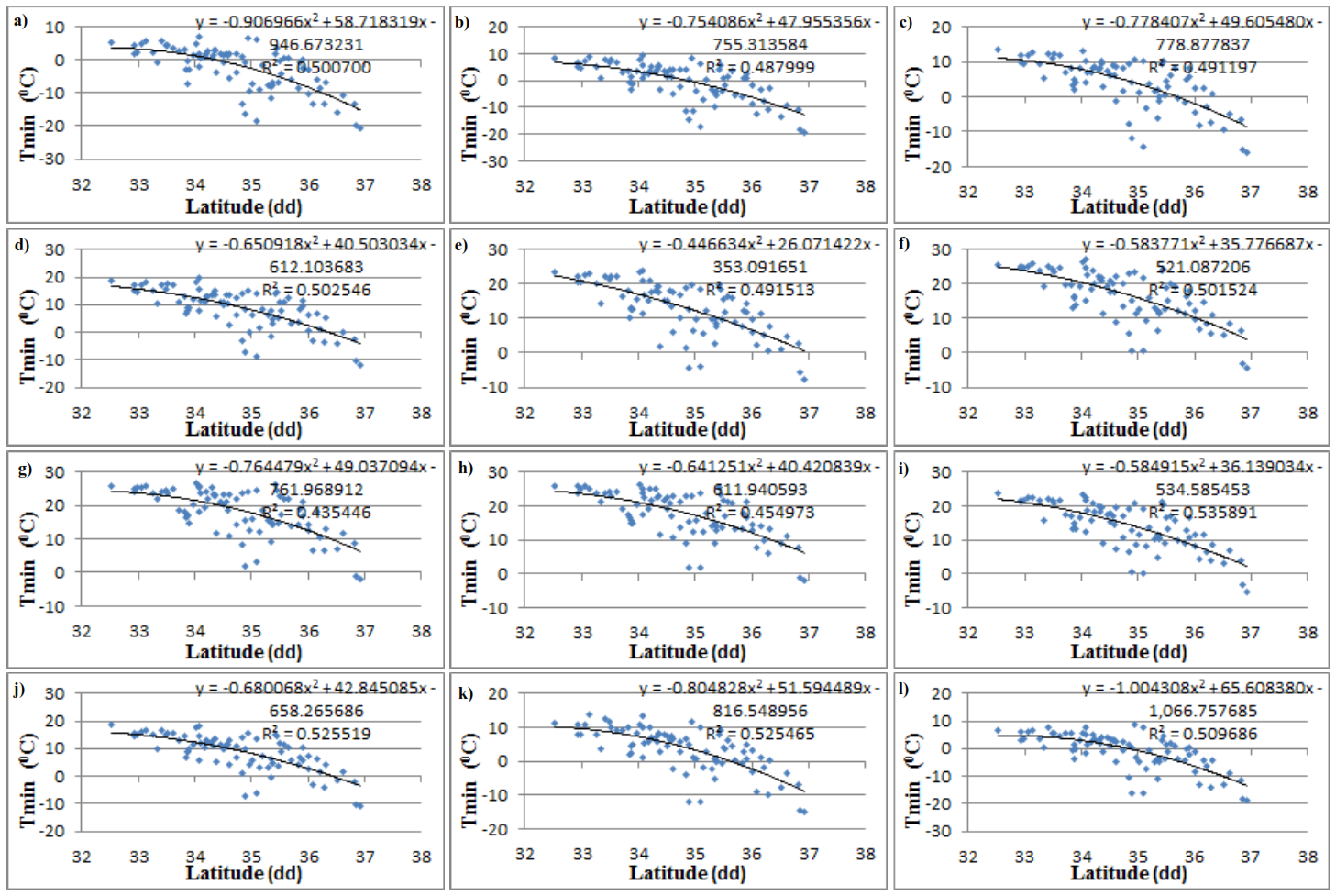


Figure S5. Latitude based lapse rates of mean monthly minimum temperature for 1999-2011 time period. The letters a – l indicate months from January-December.

**Supplementary Results**

Table S2. Absolute bias (corrected - observed) of the precipitation observations (mm).

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **S.No.** | **Station Name** | **Jan** | **Feb** | **Mar** | **Apr** | **May** | **Jun** | **Jul** | **Aug** | **Sep** | **Oct** | **Nov** | **Dec** | **ANN** |
| 1 | Astore | 20.7 | 14.8 | 4.6 | 4.4 | 3.6 | 2.6 | 2.6 | 2.4 | 2.1 | 1.2 | 1.2 | 3.4 | 63.6 |
| 2 | Babusar | 45.8 | 80.9 | 28.0 | 17.0 | 3.9 | 3.2 | 4.5 | 4.1 | 2.6 | 1.6 | 8.9 | 40.8 | 241.2 |
| 3 | Balakot | 2.0 | 4.1 | 4.6 | 3.5 | 3.5 | 4.9 | 7.0 | 5.0 | 2.6 | 1.8 | 1.0 | 1.3 | 41.5 |
| 4 | Bhimber | 1.2 | 1.5 | 1.5 | 1.0 | 1.3 | 1.6 | 3.3 | 2.9 | 1.4 | 0.5 | 0.3 | 0.4 | 16.9 |
| 5 | Bunji | 0.9 | 0.8 | 1.0 | 1.7 | 1.6 | 1.3 | 1.2 | 1.7 | 1.1 | 0.3 | 0.4 | 0.3 | 12.3 |
| 6 | Chakdara | 2.5 | 4.4 | 4.1 | 2.9 | 2.4 | 2.9 | 4.2 | 3.5 | 2.2 | 1.8 | 1.1 | 2.1 | 34.0 |
| 7 | Chakwal | 1.4 | 1.9 | 1.5 | 1.1 | 1.1 | 2.0 | 3.5 | 3.0 | 1.6 | 1.3 | 1.1 | 0.5 | 19.9 |
| 8 | Cherat | 5.7 | 8.1 | 4.5 | 3.9 | 2.3 | 2.1 | 4.7 | 3.7 | 2.0 | 1.0 | 1.3 | 2.0 | 41.2 |
| 9 | Chilas | 0.9 | 0.8 | 1.2 | 1.7 | 1.5 | 1.3 | 1.1 | 1.5 | 1.1 | 0.3 | 0.4 | 0.3 | 12.2 |
| 10 | Chitral | 4.5 | 5.1 | 3.6 | 3.4 | 2.2 | 1.2 | 1.3 | 1.2 | 1.9 | 1.6 | 1.5 | 1.9 | 29.5 |
| 11 | Dir | 2.8 | 4.3 | 3.7 | 2.6 | 2.6 | 2.3 | 3.4 | 3.2 | 2.6 | 1.4 | 1.2 | 1.5 | 31.6 |
| 12 | Drosh | 3.4 | 4.4 | 4.2 | 3.2 | 2.5 | 1.7 | 2.3 | 1.9 | 2.0 | 1.6 | 1.3 | 1.6 | 30.2 |
| 13 | GD Poto | 1.5 | 2.0 | 2.1 | 1.8 | 1.8 | 2.1 | 3.2 | 2.6 | 1.4 | 1.0 | 0.6 | 0.8 | 20.9 |
| 14 | Gilgit | 1.0 | 1.4 | 1.5 | 2.2 | 2.2 | 1.9 | 2.0 | 2.4 | 2.2 | 0.6 | 0.4 | 0.5 | 18.1 |
| 15 | Gupis | 2.4 | 2.8 | 2.4 | 2.2 | 1.6 | 0.8 | 0.4 | 0.6 | 0.8 | 0.9 | 1.0 | 1.2 | 17.2 |
| 16 | Hunza | 6.6 | 2.8 | 2.5 | 3.6 | 2.4 | 1.9 | 2.6 | 2.5 | 2.9 | 0.6 | 0.6 | 2.1 | 31.3 |
| 17 | Islamabad AP | 4.2 | 10.6 | 8.9 | 4.6 | 4.1 | 8.0 | 15.0 | 10.7 | 4.7 | 1.5 | 0.8 | 1.8 | 74.9 |
| 18 | Jhelum | 1.2 | 1.7 | 1.7 | 1.2 | 1.4 | 1.9 | 3.9 | 3.2 | 1.5 | 0.5 | 0.3 | 0.4 | 18.9 |
| 19 | Kakul | 2.0 | 2.7 | 3.0 | 2.3 | 2.0 | 2.9 | 4.5 | 4.2 | 2.3 | 1.1 | 0.9 | 1.0 | 28.8 |
| 20 | KalamP | 39.3 | 59.6 | 5.2 | 3.5 | 3.8 | 2.9 | 4.2 | 4.0 | 2.3 | 1.3 | 1.5 | 7.0 | 134.7 |
| 21 | Kamra | 0.4 | 1.1 | 1.6 | 1.9 | 2.2 | 2.6 | 4.2 | 4.5 | 2.6 | 1.1 | 0.4 | 0.3 | 22.9 |
| 22 | Kohat | 1.6 | 2.0 | 2.3 | 1.5 | 1.3 | 0.8 | 1.6 | 1.5 | 0.9 | 0.6 | 0.8 | 0.9 | 15.8 |
| 23 | Kotli-P | 2.0 | 2.3 | 2.8 | 2.6 | 2.1 | 3.3 | 4.6 | 4.3 | 2.5 | 1.0 | 0.9 | 1.0 | 29.3 |
| 24 | landikotal | 2.8 | 4.7 | 5.2 | 4.1 | 2.8 | 2.8 | 3.7 | 3.2 | 2.1 | 1.8 | 1.5 | 3.8 | 38.5 |
| 25 | Lower Dir | 4.0 | 9.3 | 7.7 | 6.0 | 3.1 | 2.3 | 3.0 | 3.1 | 2.5 | 1.6 | 2.1 | 3.2 | 48.0 |
| 26 | Malamjaba | 55.0 | 36.6 | 11.2 | 6.1 | 3.2 | 3.2 | 4.0 | 3.9 | 2.2 | 1.9 | 2.4 | 11.0 | 140.7 |
| 27 | Mangla-P | 1.3 | 1.5 | 1.4 | 0.9 | 1.0 | 1.8 | 3.5 | 3.0 | 1.5 | 1.3 | 1.1 | 0.5 | 18.8 |
| 28 | Miranshah | 2.1 | 2.9 | 3.2 | 2.3 | 2.8 | 2.3 | 3.1 | 3.5 | 2.3 | 1.1 | 1.1 | 1.6 | 28.3 |
| 29 | Mirkhani | 2.2 | 3.7 | 3.3 | 3.5 | 3.4 | 1.7 | 1.2 | 1.5 | 1.5 | 1.3 | 1.2 | 1.5 | 25.8 |
| 30 | Mirpur | 1.7 | 1.8 | 1.5 | 0.9 | 1.0 | 1.8 | 3.4 | 2.9 | 1.6 | 1.3 | 1.1 | 0.5 | 19.5 |
| 31 | Murree | 14.1 | 13.4 | 18.0 | 3.5 | 1.4 | 1.1 | 1.3 | 1.6 | 1.1 | 0.5 | 2.4 | 7.6 | 76.7 |
| 32 | Muzaffarabad | 3.7 | 5.4 | 3.6 | 3.4 | 2.5 | 3.6 | 5.2 | 4.5 | 2.7 | 1.1 | 1.0 | 1.5 | 38.2 |
| 33 | Parachinar | 1.3 | 2.1 | 2.4 | 2.0 | 1.9 | 2.1 | 3.0 | 2.8 | 1.5 | 1.1 | 0.6 | 0.7 | 21.4 |
| 34 | Pattan | 6.7 | 6.2 | 4.1 | 2.9 | 3.4 | 3.0 | 3.9 | 4.5 | 3.0 | 1.6 | 1.4 | 2.2 | 42.9 |
| 35 | Peshawar AP | 5.8 | 7.8 | 10.0 | 6.9 | 4.4 | 3.5 | 4.5 | 3.8 | 2.2 | 2.1 | 2.2 | 6.1 | 59.3 |
| 36 | Rawlakot-P | 1.1 | 2.6 | 2.9 | 3.3 | 2.2 | 2.1 | 4.2 | 4.1 | 1.7 | 0.5 | 0.5 | 0.6 | 25.8 |
| 37 | Risalpur | 7.6 | 12.7 | 4.5 | 3.0 | 2.3 | 3.3 | 4.5 | 4.2 | 2.5 | 1.0 | 1.2 | 4.0 | 50.7 |
| 38 | Saidusharif | 1.8 | 3.2 | 3.3 | 2.4 | 1.8 | 2.5 | 12.4 | 9.7 | 2.3 | 0.7 | 0.9 | 1.0 | 41.9 |
| 39 | Sialkot | 4.6 | 6.3 | 6.0 | 4.2 | 2.6 | 3.1 | 4.1 | 3.5 | 2.2 | 1.8 | 1.4 | 2.9 | 42.7 |
| 40 | Skardu | 1.3 | 2.0 | 1.8 | 1.1 | 1.4 | 2.6 | 4.4 | 3.2 | 1.8 | 0.6 | 0.3 | 0.9 | 21.5 |
| 41 | Abazai | 20.4 | 5.9 | 2.1 | 2.6 | 1.4 | 1.1 | 1.3 | 1.6 | 1.2 | 0.4 | 0.5 | 3.3 | 41.7 |
| 42 | Amandara | 1.8 | 2.2 | 3.6 | 1.7 | 1.2 | 0.8 | 2.6 | 2.0 | 1.2 | 0.9 | 1.3 | 2.7 | 21.9 |
| 43 | Bagh | 2.4 | 4.1 | 4.7 | 2.7 | 2.5 | 2.1 | 3.1 | 3.1 | 2.4 | 1.2 | 1.2 | 1.8 | 31.4 |
| 44 | Besham | 4.2 | 4.5 | 3.7 | 2.7 | 2.3 | 3.3 | 4.5 | 4.2 | 2.4 | 1.0 | 1.1 | 2.8 | 36.5 |
| 45 | Burzil | 5.2 | 5.9 | 9.9 | 6.1 | 3.8 | 3.6 | 4.2 | 4.1 | 2.3 | 1.3 | 2.1 | 3.6 | 52.0 |
| 46 | Charbagh | 83.8 | 117.0 | 93.0 | 79.4 | 16.6 | 2.4 | 2.5 | 2.6 | 2.9 | 10.8 | 37.7 | 57.6 | 506.1 |
| 47 | Charsadda | 6.9 | 6.3 | 11.5 | 7.5 | 4.0 | 3.2 | 3.8 | 3.4 | 2.2 | 2.1 | 2.1 | 7.7 | 60.8 |
| 48 | Dagar | 1.9 | 3.5 | 2.6 | 1.6 | 1.3 | 0.8 | 1.8 | 1.5 | 0.9 | 0.5 | 0.9 | 1.1 | 18.5 |
| 49 | Deosai | 3.6 | 5.6 | 5.4 | 3.5 | 2.4 | 3.1 | 4.1 | 3.7 | 2.2 | 1.8 | 1.3 | 2.4 | 39.1 |
| 50 | Dhudnial | 42.4 | 50.5 | 39.4 | 34.9 | 8.7 | 2.1 | 2.1 | 2.0 | 1.9 | 3.4 | 16.6 | 35.6 | 239.7 |
| 51 | Domel | 5.8 | 5.2 | 4.0 | 2.7 | 2.8 | 3.1 | 4.4 | 3.8 | 2.2 | 1.7 | 1.3 | 5.8 | 42.9 |
| 52 | Doyian | 5.0 | 6.3 | 7.2 | 4.3 | 3.8 | 4.0 | 5.0 | 4.8 | 2.5 | 1.8 | 2.1 | 11.3 | 58.0 |
| 53 | Fort Lockhart | 2.0 | 1.8 | 2.0 | 2.4 | 2.0 | 1.2 | 1.1 | 1.5 | 1.1 | 0.3 | 0.7 | 1.2 | 17.4 |
| 54 | Gujar Khan | 6.6 | 8.3 | 7.4 | 3.3 | 3.0 | 3.0 | 3.6 | 3.9 | 2.9 | 1.4 | 1.6 | 2.9 | 48.1 |
| 55 | Hushy | 1.2 | 1.5 | 1.4 | 0.9 | 1.0 | 1.8 | 3.5 | 2.9 | 1.6 | 1.3 | 1.1 | 0.5 | 18.6 |
| 56 | Jabbar | 20.1 | 19.3 | 5.4 | 3.1 | 2.3 | 2.1 | 2.1 | 2.0 | 1.5 | 0.9 | 1.4 | 17.2 | 77.5 |
| 57 | Kachura | 27.5 | 16.4 | 14.6 | 6.6 | 3.4 | 3.2 | 4.4 | 4.6 | 2.4 | 1.2 | 2.0 | 4.6 | 90.8 |
| 58 | KalamW | 18.1 | 7.3 | 2.5 | 2.2 | 1.7 | 1.2 | 1.0 | 1.5 | 1.1 | 0.3 | 0.7 | 3.0 | 40.7 |
| 59 | Kallar | 30.8 | 24.5 | 6.7 | 5.0 | 3.6 | 3.0 | 4.2 | 4.0 | 2.3 | 1.2 | 1.6 | 5.1 | 92.1 |
| 60 | Kelash | 1.2 | 1.5 | 1.4 | 0.9 | 1.0 | 1.9 | 3.5 | 2.9 | 1.6 | 1.3 | 1.1 | 0.6 | 18.7 |
| 61 | Khairabad | 24.4 | 40.3 | 6.7 | 4.8 | 3.9 | 1.9 | 2.1 | 2.2 | 1.5 | 1.5 | 2.4 | 20.0 | 111.6 |
| 62 | Khandar | 1.3 | 1.5 | 1.4 | 1.0 | 1.1 | 1.8 | 3.4 | 2.9 | 1.5 | 1.3 | 1.1 | 0.8 | 19.1 |
| 63 | Khot | 56.7 | 114.7 | 86.6 | 8.9 | 2.6 | 1.6 | 1.7 | 1.8 | 1.8 | 3.0 | 33.0 | 57.5 | 369.9 |
| 64 | Khunjrab-W | 40.7 | 49.6 | 51.7 | 54.7 | 19.7 | 4.1 | 2.8 | 2.9 | 5.2 | 20.0 | 31.9 | 66.3 | 349.5 |
| 65 | Kotli-W | 1.4 | 2.0 | 1.7 | 1.0 | 1.1 | 1.8 | 3.5 | 2.9 | 1.6 | 1.3 | 1.1 | 1.1 | 20.4 |
| 66 | Lora | 3.9 | 4.4 | 4.3 | 3.6 | 2.2 | 3.3 | 4.6 | 4.3 | 2.5 | 0.9 | 0.9 | 2.3 | 37.2 |
| 67 | Malakand | 2.5 | 4.3 | 4.9 | 2.8 | 2.5 | 2.1 | 3.3 | 3.3 | 2.4 | 1.2 | 1.3 | 2.1 | 32.9 |
| 68 | Mangla-W | 1.3 | 1.5 | 1.4 | 0.9 | 1.0 | 1.8 | 3.5 | 3.0 | 1.5 | 1.3 | 1.1 | 0.5 | 18.7 |
| 69 | Mardan | 2.3 | 2.9 | 3.0 | 1.7 | 1.3 | 0.9 | 2.3 | 2.1 | 1.0 | 0.6 | 1.0 | 1.6 | 20.6 |
| 70 | Munda dam | 2.4 | 2.9 | 3.0 | 1.7 | 1.2 | 0.9 | 2.5 | 2.5 | 1.3 | 0.6 | 1.0 | 1.2 | 21.2 |
| 71 | Naltar | 22.0 | 40.9 | 6.9 | 4.1 | 2.0 | 2.0 | 2.2 | 2.1 | 1.8 | 1.1 | 2.3 | 20.7 | 108.1 |
| 72 | Naran | 192.9 | 172.6 | 144.2 | 11.5 | 6.0 | 4.1 | 4.5 | 4.0 | 2.3 | 1.2 | 3.7 | 34.3 | 581.2 |
| 73 | Oghi | 5.7 | 5.4 | 7.7 | 4.9 | 2.6 | 3.1 | 4.4 | 4.5 | 2.3 | 1.2 | 1.5 | 3.5 | 46.7 |
| 74 | Palandri | 7.0 | 5.5 | 2.5 | 1.4 | 1.2 | 1.9 | 3.4 | 3.0 | 1.6 | 1.3 | 1.3 | 2.0 | 32.1 |
| 75 | Phulra | 4.2 | 4.6 | 6.0 | 4.5 | 2.5 | 3.0 | 4.3 | 4.6 | 2.3 | 1.1 | 1.4 | 2.7 | 41.3 |
| 76 | Pir Chenasi | 168.5 | 111.1 | 7.8 | 6.0 | 4.9 | 4.7 | 5.0 | 4.6 | 2.5 | 1.8 | 3.5 | 19.9 | 340.2 |
| 77 | Puran | 4.9 | 5.9 | 7.3 | 4.0 | 2.7 | 3.2 | 4.2 | 3.6 | 2.2 | 1.9 | 1.5 | 2.8 | 44.3 |
| 78 | Qalangi | 2.5 | 4.3 | 4.4 | 2.6 | 2.5 | 2.0 | 3.2 | 3.0 | 2.4 | 1.2 | 1.3 | 1.9 | 31.4 |
| 79 | Rama | 88.2 | 161.3 | 80.9 | 11.5 | 2.9 | 2.0 | 2.2 | 2.1 | 1.6 | 1.3 | 19.1 | 105.6 | 478.8 |
| 80 | Ratu | 55.2 | 79.9 | 20.3 | 7.1 | 3.2 | 2.0 | 2.1 | 2.0 | 1.6 | 1.1 | 7.4 | 96.5 | 278.5 |
| 81 | Rawlakot-W | 8.3 | 6.3 | 4.2 | 2.7 | 2.8 | 3.2 | 4.5 | 3.8 | 2.2 | 1.7 | 1.2 | 2.8 | 43.6 |
| 82 | Saifulmulk | 241.4 | 212.2 | 103.8 | 12.5 | 5.0 | 4.3 | 4.5 | 4.1 | 2.3 | 1.8 | 18.2 | 162.5 | 772.5 |
| 83 | Sehrkakota | 4.1 | 5.4 | 4.8 | 2.6 | 2.7 | 3.1 | 4.5 | 3.8 | 2.2 | 1.7 | 1.2 | 5.2 | 41.4 |
| 84 | Shahpur | 42.5 | 25.0 | 19.9 | 11.7 | 5.5 | 3.9 | 3.9 | 3.5 | 2.2 | 2.6 | 4.1 | 14.1 | 139.1 |
| 85 | Shangla | 14.3 | 13.7 | 8.5 | 7.0 | 4.4 | 3.6 | 3.9 | 3.6 | 2.2 | 2.1 | 3.4 | 10.5 | 77.2 |
| 86 | Shendure | 12.5 | 22.2 | 13.4 | 4.5 | 2.0 | 1.2 | 0.7 | 0.7 | 0.8 | 1.3 | 7.4 | 13.4 | 80.0 |
| 87 | Shigar | 27.4 | 8.7 | 3.6 | 3.2 | 2.7 | 2.0 | 2.1 | 2.0 | 1.6 | 0.9 | 1.5 | 6.4 | 62.2 |
| 88 | Shinkiari | 4.5 | 4.8 | 6.7 | 4.5 | 2.7 | 3.2 | 4.5 | 4.7 | 2.4 | 1.2 | 1.6 | 3.0 | 43.9 |
| 89 | Shogran | 144.0 | 131.7 | 16.7 | 5.8 | 4.2 | 3.7 | 4.4 | 4.6 | 2.5 | 1.7 | 6.1 | 135.4 | 460.9 |
| 90 | Tandar | 1.3 | 1.7 | 1.6 | 1.0 | 1.2 | 1.8 | 3.7 | 3.0 | 1.6 | 1.3 | 1.1 | 1.1 | 20.3 |
| 91 | Tarbela | 0.5 | 1.2 | 1.8 | 2.0 | 2.2 | 2.6 | 4.3 | 4.5 | 2.6 | 1.1 | 0.4 | 0.4 | 23.6 |
| 92 | Ushkore | 10.1 | 24.4 | 10.1 | 3.2 | 2.1 | 1.1 | 0.6 | 0.6 | 0.8 | 1.1 | 2.1 | 10.9 | 67.2 |
| 93 | Yasin | 20.3 | 38.6 | 18.3 | 3.8 | 1.7 | 1.2 | 0.8 | 0.8 | 1.0 | 1.1 | 6.9 | 23.3 | 117.9 |
| 94 | Yugo | 6.4 | 4.8 | 1.6 | 1.9 | 1.6 | 1.2 | 1.0 | 1.4 | 1.1 | 0.3 | 0.5 | 2.3 | 24.1 |
| 95 | Zani | 33.6 | 61.8 | 48.4 | 23.1 | 4.4 | 2.3 | 2.2 | 2.3 | 1.9 | 4.6 | 27.0 | 34.8 | 246.4 |
| 96 | Ziarat | 29.8 | 47.4 | 33.7 | 5.8 | 1.8 | 0.9 | 0.6 | 0.8 | 1.3 | 2.0 | 16.5 | 48.8 | 189.3 |
| 97 | Zulam Br. | 2.8 | 4.4 | 4.7 | 2.8 | 2.6 | 2.1 | 3.2 | 3.1 | 2.4 | 1.2 | 1.2 | 1.7 | 32.2 |
| 98 | Alambar | 92.5 | 211.1 | 113.5 | 53.0 | 7.3 | 2.5 | 1.2 | 1.3 | 4.8 | 15.8 | 39.8 | 91.1 | 633.8 |
| 99 | Bagrot | 11.5 | 3.2 | 2.2 | 3.0 | 2.4 | 1.9 | 2.2 | 2.5 | 2.4 | 0.7 | 0.6 | 1.6 | 34.2 |
| 100 | Baldihel | 24.2 | 31.3 | 26.6 | 37.8 | 4.4 | 2.2 | 2.4 | 2.4 | 2.4 | 3.0 | 17.9 | 25.2 | 179.8 |
| 101 | Bulibalsirbar | 24.1 | 66.0 | 34.4 | 19.6 | 4.4 | 2.1 | 1.5 | 1.2 | 2.2 | 5.3 | 12.7 | 32.6 | 206.3 |
| 102 | Dadormal | 82.4 | 35.7 | 32.3 | 11.7 | 3.3 | 2.2 | 2.4 | 2.2 | 2.0 | 1.7 | 9.7 | 22.1 | 207.8 |
| 103 | Dame | 139.8 | 59.5 | 57.4 | 34.4 | 5.4 | 2.4 | 2.7 | 2.4 | 2.7 | 3.4 | 17.7 | 37.1 | 365.0 |
| 104 | Diran | 108.2 | 46.3 | 43.4 | 18.1 | 4.1 | 2.3 | 2.6 | 2.3 | 2.3 | 2.2 | 13.3 | 28.8 | 273.9 |
| 105 | Garmashbar | 69.0 | 155.7 | 76.3 | 8.3 | 2.6 | 1.7 | 1.3 | 1.4 | 2.1 | 2.3 | 26.1 | 67.3 | 414.2 |
| 106 | Khaimetbar | 23.5 | 63.7 | 31.2 | 5.9 | 3.1 | 1.8 | 1.5 | 1.2 | 1.7 | 2.1 | 11.2 | 31.4 | 178.4 |
| 107 | Khunjrab-C | 44.4 | 54.2 | 57.0 | 61.4 | 41.3 | 17.7 | 4.8 | 4.9 | 22.6 | 22.4 | 35.2 | 72.9 | 438.8 |
| 108 | Akhnoor | 1.6 | 2.3 | 2.4 | 2.0 | 1.9 | 2.3 | 3.6 | 3.4 | 2.0 | 1.1 | 0.8 | 1.0 | 24.4 |
| 109 | Anantnag | 2.8 | 2.2 | 3.2 | 2.8 | 2.3 | 1.4 | 1.9 | 1.7 | 0.9 | 0.7 | 0.7 | 1.9 | 22.5 |
| 110 | Arizal | 2.3 | 2.1 | 2.6 | 2.3 | 2.2 | 1.4 | 1.9 | 1.7 | 0.9 | 0.7 | 0.7 | 1.7 | 20.5 |
| 111 | Arki | 1.6 | 2.1 | 2.3 | 1.9 | 2.0 | 2.4 | 3.6 | 3.4 | 2.1 | 1.1 | 0.8 | 0.9 | 24.2 |
| 112 | Babapura | 2.3 | 2.3 | 2.6 | 2.4 | 2.1 | 1.4 | 1.9 | 1.7 | 0.9 | 0.7 | 0.7 | 1.6 | 20.6 |
| 113 | Badarwah | 4.1 | 3.0 | 2.2 | 1.4 | 1.3 | 1.6 | 3.2 | 2.8 | 1.4 | 0.5 | 0.4 | 1.7 | 23.7 |
| 114 | Badgam | 2.3 | 2.4 | 2.7 | 2.4 | 2.1 | 1.4 | 2.0 | 1.7 | 0.9 | 0.7 | 0.7 | 1.6 | 20.7 |
| 115 | Bandipura | 5.2 | 3.8 | 3.1 | 2.6 | 2.2 | 1.4 | 1.9 | 1.7 | 0.9 | 0.8 | 1.0 | 2.6 | 27.1 |
| 116 | Banihal | 5.4 | 4.1 | 3.0 | 2.7 | 2.2 | 1.4 | 2.0 | 1.7 | 0.9 | 0.7 | 0.8 | 3.3 | 28.1 |
| 117 | Banjar Saraj | 2.4 | 2.5 | 2.5 | 2.1 | 2.0 | 2.5 | 3.7 | 3.3 | 2.0 | 1.1 | 0.8 | 1.2 | 26.2 |
| 118 | Baramula | 2.5 | 3.0 | 2.7 | 2.5 | 2.2 | 1.4 | 1.9 | 1.7 | 0.8 | 0.7 | 0.7 | 1.7 | 21.9 |
| 119 | Bashila | 10.8 | 5.6 | 2.9 | 2.1 | 2.1 | 2.4 | 3.5 | 3.2 | 2.0 | 1.1 | 1.0 | 5.9 | 42.5 |
| 120 | Batote | 1.6 | 1.9 | 1.6 | 1.3 | 1.4 | 1.7 | 3.2 | 2.8 | 1.4 | 0.5 | 0.4 | 0.6 | 18.3 |
| 121 | Bhagtan | 3.4 | 2.8 | 3.3 | 4.7 | 3.1 | 3.0 | 3.6 | 3.5 | 2.2 | 1.3 | 1.5 | 2.8 | 35.1 |
| 122 | Bhangrotu | 1.8 | 2.3 | 2.6 | 2.0 | 2.0 | 2.9 | 4.2 | 3.6 | 2.1 | 1.1 | 0.8 | 1.2 | 26.5 |
| 123 | Bhuntar | 2.3 | 2.3 | 2.7 | 2.1 | 2.0 | 2.4 | 3.5 | 3.3 | 2.0 | 1.1 | 0.8 | 1.2 | 25.7 |
| 124 | Bilaspur | 1.7 | 2.2 | 2.3 | 1.9 | 1.9 | 2.3 | 3.4 | 3.2 | 2.0 | 1.1 | 0.8 | 1.1 | 24.0 |
| 125 | Chachiot | 2.6 | 2.5 | 2.5 | 2.0 | 2.0 | 2.7 | 4.3 | 3.5 | 2.1 | 1.1 | 0.9 | 1.3 | 27.5 |
| 126 | Chandigarh | 1.6 | 2.2 | 2.3 | 1.9 | 1.9 | 2.3 | 3.5 | 3.2 | 2.0 | 1.1 | 0.8 | 1.0 | 23.8 |
| 127 | Charisharif | 2.7 | 2.4 | 2.7 | 2.4 | 2.2 | 1.4 | 2.0 | 1.7 | 0.9 | 0.7 | 0.7 | 1.8 | 21.7 |
| 128 | Chenani | 1.8 | 2.4 | 2.5 | 2.1 | 2.0 | 2.3 | 3.7 | 3.3 | 2.0 | 1.1 | 0.8 | 1.2 | 25.2 |
| 129 | Chini Kalpa | 22.7 | 43.6 | 6.1 | 2.4 | 2.5 | 2.6 | 3.8 | 3.4 | 2.2 | 1.1 | 1.0 | 7.5 | 98.8 |
| 130 | Chowari | 1.7 | 2.3 | 2.6 | 2.0 | 2.0 | 2.3 | 3.7 | 3.5 | 2.0 | 1.1 | 0.8 | 1.1 | 25.2 |
| 131 | Dalhousie | 5.3 | 4.4 | 2.9 | 2.2 | 2.1 | 2.3 | 3.4 | 3.2 | 2.0 | 1.1 | 0.9 | 2.9 | 32.8 |
| 132 | Dasuya | 1.7 | 2.1 | 2.3 | 1.9 | 1.9 | 2.4 | 3.7 | 3.3 | 1.9 | 1.1 | 0.8 | 1.1 | 24.2 |
| 133 | Dehra Gopipur | 1.6 | 2.1 | 2.3 | 1.9 | 1.9 | 2.3 | 3.5 | 3.2 | 2.0 | 1.1 | 0.8 | 1.2 | 24.0 |
| 134 | Dharampur | 2.1 | 2.5 | 2.3 | 1.9 | 2.0 | 2.4 | 3.7 | 3.4 | 2.1 | 1.1 | 0.8 | 1.0 | 25.3 |
| 135 | Dharamshala | 8.6 | 6.7 | 7.3 | 3.0 | 2.1 | 2.7 | 3.6 | 3.5 | 2.4 | 1.5 | 1.4 | 6.7 | 49.3 |
| 136 | Dharamshala-L | 12.8 | 9.6 | 7.7 | 3.7 | 2.2 | 2.7 | 3.7 | 3.6 | 2.5 | 1.4 | 1.7 | 10.8 | 62.4 |
| 137 | Dharamshala-U | 2.1 | 2.2 | 2.3 | 1.9 | 1.9 | 2.3 | 3.8 | 3.4 | 2.0 | 1.1 | 0.9 | 1.4 | 25.5 |
| 138 | Digar | 11.6 | 3.9 | 4.0 | 5.0 | 3.8 | 4.6 | 5.2 | 5.0 | 8.3 | 3.4 | 4.0 | 6.3 | 65.0 |
| 139 | Dras | 27.9 | 20.4 | 16.9 | 3.6 | 2.8 | 2.3 | 3.4 | 3.2 | 2.0 | 1.4 | 2.2 | 14.2 | 100.4 |
| 140 | Durroo | 5.2 | 2.6 | 2.9 | 2.6 | 2.1 | 1.4 | 2.0 | 1.7 | 0.9 | 0.7 | 0.9 | 2.4 | 25.4 |
| 141 | Garhshankar | 1.7 | 2.2 | 2.4 | 1.9 | 1.9 | 2.3 | 3.5 | 3.2 | 2.0 | 1.1 | 0.8 | 1.1 | 24.0 |
| 142 | Gondhla | 145.5 | 81.4 | 34.3 | 9.7 | 2.5 | 2.6 | 3.4 | 3.2 | 2.2 | 0.9 | 4.3 | 42.6 | 332.6 |
| 143 | GS Nagar | 3.4 | 2.7 | 2.4 | 2.0 | 2.4 | 3.3 | 4.2 | 5.7 | 3.5 | 1.3 | 1.1 | 1.2 | 33.4 |
| 144 | Gulabgarh | 20.3 | 5.5 | 2.6 | 2.0 | 2.0 | 2.3 | 3.7 | 3.4 | 2.0 | 1.1 | 0.9 | 4.1 | 49.8 |
| 145 | Gulmarg | 37.9 | 38.8 | 5.9 | 2.6 | 2.5 | 1.5 | 2.0 | 1.7 | 0.9 | 0.8 | 1.5 | 16.7 | 112.7 |
| 146 | Gund | 6.5 | 3.6 | 2.9 | 2.6 | 2.2 | 1.4 | 2.0 | 1.8 | 0.9 | 0.7 | 0.8 | 2.9 | 28.4 |
| 147 | Gurez | 103.4 | 38.4 | 5.8 | 2.8 | 2.6 | 1.4 | 1.9 | 1.7 | 0.9 | 0.8 | 1.4 | 16.1 | 177.3 |
| 148 | Hamirpur | 1.5 | 2.1 | 2.3 | 1.9 | 1.9 | 2.4 | 3.8 | 3.6 | 2.1 | 1.1 | 0.8 | 0.9 | 24.5 |
| 149 | Handwara | 5.1 | 4.1 | 3.2 | 2.6 | 2.2 | 1.4 | 1.9 | 1.7 | 0.9 | 0.8 | 1.1 | 3.5 | 28.4 |
| 150 | Hoshiyarpur | 1.6 | 2.1 | 2.3 | 1.9 | 1.9 | 2.3 | 3.4 | 3.2 | 2.0 | 1.1 | 0.8 | 1.0 | 23.7 |
| 151 | Jammu | 1.6 | 2.2 | 2.4 | 2.0 | 2.0 | 2.3 | 3.6 | 3.3 | 2.0 | 1.1 | 0.8 | 1.0 | 24.2 |
| 152 | Janjehli | 5.2 | 4.1 | 2.9 | 2.1 | 2.0 | 2.8 | 4.0 | 3.5 | 2.1 | 1.1 | 0.9 | 2.6 | 33.4 |
| 153 | Jhungi | 1.8 | 2.4 | 2.3 | 2.0 | 2.0 | 2.5 | 3.6 | 3.4 | 2.1 | 1.1 | 0.8 | 1.0 | 24.9 |
| 154 | Jogindarnagar | 1.6 | 2.2 | 2.3 | 1.9 | 2.0 | 2.5 | 4.1 | 4.0 | 2.2 | 1.1 | 0.8 | 0.9 | 25.6 |
| 155 | Jubal | 4.5 | 3.5 | 2.6 | 2.0 | 2.1 | 2.5 | 3.4 | 3.2 | 2.0 | 1.1 | 0.9 | 1.9 | 29.7 |
| 156 | Junga | 1.6 | 2.1 | 2.3 | 1.9 | 2.0 | 2.4 | 3.6 | 3.3 | 2.1 | 1.1 | 0.8 | 0.9 | 24.3 |
| 157 | Kalka | 1.6 | 2.1 | 2.3 | 1.9 | 2.0 | 2.3 | 3.5 | 3.3 | 2.0 | 1.1 | 0.8 | 0.9 | 23.8 |
| 158 | Kandaghat | 1.6 | 2.1 | 2.3 | 1.9 | 2.0 | 2.4 | 3.6 | 3.3 | 2.1 | 1.1 | 0.8 | 0.9 | 24.2 |
| 159 | Kangra | 7.4 | 4.9 | 7.2 | 2.4 | 2.0 | 2.5 | 3.5 | 3.4 | 2.3 | 1.5 | 1.0 | 5.7 | 43.8 |
| 160 | Kargil | 44.2 | 36.7 | 7.2 | 3.0 | 1.8 | 1.2 | 1.0 | 1.4 | 1.1 | 0.3 | 0.5 | 14.6 | 113.1 |
| 161 | Karsog | 1.6 | 2.2 | 2.3 | 1.9 | 2.0 | 2.4 | 3.5 | 3.3 | 2.0 | 1.1 | 0.8 | 0.9 | 24.1 |
| 162 | Kasauli1 | 2.0 | 2.4 | 2.3 | 1.9 | 1.9 | 2.3 | 3.8 | 3.3 | 2.0 | 1.1 | 0.8 | 1.0 | 24.8 |
| 163 | Kasauli2 | 1.6 | 2.2 | 2.3 | 1.9 | 2.0 | 2.4 | 3.8 | 3.5 | 2.1 | 1.1 | 0.8 | 1.0 | 24.6 |
| 164 | Kasumpti | 1.7 | 2.3 | 2.3 | 1.9 | 2.0 | 2.4 | 3.6 | 3.4 | 2.1 | 1.1 | 0.8 | 1.0 | 24.6 |
| 165 | Kataula | 2.2 | 2.6 | 2.4 | 2.0 | 2.0 | 2.6 | 4.2 | 3.6 | 2.0 | 1.1 | 0.8 | 1.4 | 27.0 |
| 166 | Khadrala | 62.0 | 66.7 | 5.3 | 2.2 | 2.1 | 2.5 | 3.5 | 3.3 | 2.0 | 1.2 | 1.4 | 84.1 | 236.0 |
| 167 | Khalatse | 9.2 | 9.3 | 2.8 | 1.8 | 1.4 | 1.3 | 1.3 | 1.6 | 1.1 | 0.3 | 1.5 | 7.6 | 39.2 |
| 168 | Khangral | 8.3 | 11.7 | 14.2 | 4.7 | 1.5 | 1.2 | 1.1 | 1.4 | 1.3 | 0.6 | 1.6 | 4.8 | 52.3 |
| 169 | Kharar | 1.7 | 2.1 | 2.3 | 1.9 | 1.9 | 2.3 | 3.6 | 3.2 | 2.0 | 1.1 | 0.8 | 1.0 | 24.0 |
| 170 | Kilba | 23.0 | 20.5 | 4.7 | 2.3 | 2.4 | 2.6 | 3.9 | 3.5 | 2.2 | 1.1 | 1.1 | 3.2 | 70.5 |
| 171 | Kishtwar | 2.2 | 3.0 | 3.3 | 3.2 | 2.6 | 2.4 | 3.3 | 3.1 | 2.0 | 1.2 | 1.0 | 1.6 | 28.8 |
| 172 | Kokernagh | 3.6 | 3.4 | 3.1 | 3.0 | 2.6 | 2.3 | 3.4 | 3.1 | 2.0 | 1.2 | 1.0 | 1.8 | 30.5 |
| 173 | Koksar | 253.8 | 125.6 | 43.1 | 8.6 | 2.6 | 2.8 | 3.6 | 3.2 | 2.2 | 2.4 | 6.0 | 100.0 | 553.7 |
| 174 | Kotarh | 4.6 | 3.4 | 2.8 | 2.0 | 2.0 | 2.5 | 3.5 | 3.2 | 2.0 | 1.1 | 0.9 | 2.1 | 30.1 |
| 175 | Kothi | 121.1 | 37.5 | 11.3 | 6.3 | 2.6 | 3.3 | 3.7 | 3.5 | 2.4 | 1.1 | 1.3 | 12.8 | 206.9 |
| 176 | Kotkhai | 2.7 | 2.6 | 2.6 | 2.0 | 2.0 | 2.4 | 3.4 | 3.2 | 2.0 | 1.1 | 0.9 | 1.7 | 26.7 |
| 177 | Kukernag | 5.0 | 4.0 | 2.9 | 2.8 | 2.2 | 1.4 | 2.0 | 1.7 | 0.9 | 0.7 | 0.8 | 2.7 | 27.0 |
| 178 | Kulgam | 2.2 | 2.3 | 2.7 | 2.5 | 2.1 | 1.4 | 2.0 | 1.7 | 0.9 | 0.7 | 0.7 | 1.5 | 20.6 |
| 179 | Kulu | 2.5 | 2.6 | 2.6 | 2.1 | 2.0 | 2.4 | 3.5 | 3.2 | 2.0 | 1.1 | 0.8 | 1.3 | 26.2 |
| 180 | Kumarsain | 3.1 | 2.7 | 2.7 | 2.0 | 2.0 | 2.4 | 3.4 | 3.2 | 2.0 | 1.1 | 0.9 | 1.4 | 27.0 |
| 181 | Kyelong | 93.6 | 119.3 | 33.7 | 5.0 | 2.7 | 2.4 | 3.4 | 3.2 | 2.3 | 1.1 | 8.0 | 46.9 | 321.5 |
| 182 | Langet | 4.8 | 4.2 | 3.2 | 2.6 | 2.2 | 1.4 | 1.9 | 1.7 | 0.9 | 0.7 | 1.1 | 3.2 | 27.9 |
| 183 | Leh | 11.5 | 8.0 | 2.2 | 1.5 | 1.3 | 1.2 | 1.1 | 1.5 | 1.1 | 0.3 | 0.9 | 5.2 | 35.8 |
| 184 | Malashahibag | 2.9 | 2.4 | 2.7 | 2.4 | 2.1 | 1.4 | 2.0 | 1.7 | 0.9 | 0.7 | 0.8 | 1.9 | 21.8 |
| 185 | Malikpur | 1.7 | 2.2 | 2.5 | 2.0 | 1.9 | 2.3 | 3.6 | 3.4 | 2.0 | 1.1 | 0.8 | 1.1 | 24.7 |
| 186 | Mandi1 | 1.9 | 2.2 | 2.5 | 2.0 | 2.0 | 2.7 | 4.1 | 3.6 | 2.1 | 1.1 | 0.8 | 1.1 | 26.1 |
| 187 | Mandi2 | 1.8 | 2.2 | 2.4 | 2.0 | 2.0 | 2.6 | 4.1 | 3.7 | 2.1 | 1.1 | 0.8 | 1.2 | 25.9 |
| 188 | Mulbek | 33.0 | 21.4 | 23.6 | 9.6 | 2.1 | 2.3 | 3.4 | 3.1 | 2.0 | 1.7 | 6.6 | 19.7 | 128.7 |
| 189 | Nalagarh | 1.7 | 2.1 | 2.3 | 1.9 | 1.9 | 2.3 | 3.4 | 3.2 | 2.0 | 1.1 | 0.8 | 1.1 | 24.0 |
| 190 | Nawanshahr | 1.7 | 2.2 | 2.4 | 1.9 | 1.9 | 2.3 | 3.5 | 3.2 | 2.0 | 1.1 | 0.8 | 1.1 | 24.1 |
| 191 | Nichar | 5.4 | 6.6 | 3.1 | 2.3 | 2.6 | 2.8 | 4.5 | 4.0 | 2.3 | 1.1 | 0.9 | 1.4 | 36.9 |
| 192 | Nowshera | 1.8 | 2.3 | 2.4 | 2.0 | 2.0 | 2.3 | 3.5 | 3.2 | 2.0 | 1.1 | 0.8 | 1.0 | 24.4 |
| 193 | Nurpur | 1.7 | 2.2 | 2.5 | 1.9 | 1.9 | 2.3 | 3.6 | 3.5 | 2.0 | 1.1 | 0.8 | 1.1 | 24.6 |
| 194 | Palampur | 7.5 | 5.4 | 7.4 | 2.9 | 2.0 | 2.5 | 3.6 | 3.4 | 2.4 | 1.8 | 1.9 | 7.6 | 48.3 |
| 195 | Panamik | 4.5 | 5.7 | 1.9 | 1.6 | 1.4 | 1.4 | 1.2 | 1.5 | 1.1 | 0.2 | 0.4 | 9.7 | 30.6 |
| 196 | Panjain | 2.6 | 2.9 | 2.5 | 2.1 | 2.0 | 2.5 | 3.9 | 3.5 | 2.1 | 1.1 | 0.9 | 1.7 | 27.6 |
| 197 | Pathankot | 1.6 | 2.1 | 2.3 | 1.9 | 1.9 | 2.3 | 3.6 | 3.4 | 2.0 | 1.1 | 0.8 | 1.0 | 24.1 |
| 198 | Pendras | 98.4 | 88.4 | 109.6 | 89.9 | 46.9 | 4.4 | 3.6 | 3.7 | 4.8 | 9.1 | 16.8 | 58.2 | 533.8 |
| 199 | Phalgam | 3.2 | 2.7 | 3.1 | 3.1 | 2.5 | 1.4 | 2.0 | 1.7 | 0.9 | 0.8 | 0.8 | 2.0 | 24.1 |
| 200 | Poonch | 2.8 | 2.2 | 2.8 | 2.3 | 2.2 | 1.5 | 2.1 | 1.8 | 0.9 | 0.7 | 0.7 | 1.7 | 21.8 |
| 201 | Prang | 7.2 | 3.9 | 3.2 | 2.5 | 2.2 | 1.4 | 1.9 | 1.7 | 0.9 | 0.8 | 0.9 | 3.6 | 30.3 |
| 202 | Purbani | 33.9 | 15.3 | 3.9 | 2.3 | 2.4 | 2.5 | 3.6 | 3.3 | 2.1 | 1.1 | 1.0 | 3.1 | 74.3 |
| 203 | Qazi Gund | 4.5 | 3.6 | 2.8 | 2.4 | 2.1 | 1.4 | 2.0 | 1.7 | 0.9 | 0.7 | 0.7 | 2.5 | 25.3 |
| 204 | Rajdhani | 2.3 | 2.3 | 2.5 | 2.1 | 2.1 | 2.3 | 3.5 | 3.3 | 2.0 | 1.1 | 0.8 | 1.2 | 25.5 |
| 205 | Ramban | 2.6 | 2.7 | 2.6 | 2.2 | 2.1 | 2.3 | 3.5 | 3.2 | 2.0 | 1.1 | 0.9 | 2.1 | 27.1 |
| 206 | Ramnagar | 1.7 | 2.3 | 2.5 | 2.0 | 2.0 | 2.4 | 4.1 | 3.7 | 2.1 | 1.1 | 0.8 | 1.1 | 25.6 |
| 207 | Rampur | 2.1 | 2.4 | 2.6 | 2.0 | 2.0 | 2.4 | 3.4 | 3.2 | 2.0 | 1.1 | 0.9 | 1.3 | 25.3 |
| 208 | Riasi | 1.7 | 2.4 | 2.4 | 2.0 | 2.0 | 2.3 | 3.7 | 3.5 | 2.0 | 1.1 | 0.8 | 1.0 | 24.9 |
| 209 | Rohru | 3.9 | 3.3 | 2.7 | 2.0 | 2.0 | 2.5 | 3.4 | 3.2 | 2.0 | 1.1 | 0.9 | 1.7 | 28.7 |
| 210 | Rupanagar | 1.8 | 2.2 | 2.3 | 1.9 | 1.9 | 2.3 | 3.4 | 3.2 | 2.0 | 1.1 | 0.8 | 1.0 | 23.9 |
| 211 | Sangla | 17.3 | 5.3 | 5.0 | 3.3 | 2.6 | 2.4 | 3.4 | 3.2 | 2.1 | 1.3 | 1.5 | 4.1 | 51.4 |
| 212 | Sarkahat | 1.5 | 2.1 | 2.3 | 1.9 | 1.9 | 2.5 | 4.0 | 3.8 | 2.2 | 1.1 | 0.8 | 0.9 | 25.2 |
| 213 | Shillaru | 11.2 | 4.9 | 3.1 | 2.0 | 2.1 | 2.5 | 3.5 | 3.2 | 2.0 | 1.1 | 1.0 | 2.0 | 38.7 |
| 214 | Shimla | 2.3 | 2.6 | 2.4 | 1.9 | 2.0 | 2.5 | 3.7 | 3.4 | 2.1 | 1.1 | 0.8 | 1.0 | 25.8 |
| 215 | Shiquanhe1 | 4.6 | 4.5 | 4.0 | 2.3 | 1.5 | 1.3 | 1.3 | 1.6 | 1.1 | 1.1 | 2.5 | 3.8 | 29.6 |
| 216 | Shopian | 2.7 | 2.4 | 2.7 | 2.5 | 2.2 | 1.4 | 2.0 | 1.7 | 0.9 | 0.7 | 0.7 | 1.9 | 21.9 |
| 217 | Sogam | 7.7 | 5.0 | 3.2 | 2.6 | 2.2 | 1.4 | 1.9 | 1.7 | 0.9 | 0.8 | 1.0 | 4.9 | 33.3 |
| 218 | Solan | 1.6 | 2.2 | 2.3 | 1.9 | 2.0 | 2.4 | 3.6 | 3.4 | 2.1 | 1.1 | 0.8 | 1.0 | 24.4 |
| 219 | Sonemarg | 136.6 | 69.5 | 12.7 | 6.2 | 6.0 | 2.0 | 2.0 | 2.0 | 1.3 | 2.2 | 2.2 | 25.4 | 268.0 |
| 220 | Sopore | 2.7 | 3.9 | 3.0 | 2.5 | 2.1 | 1.4 | 1.9 | 1.7 | 0.9 | 0.7 | 1.0 | 2.0 | 23.8 |
| 221 | SR Sing | 1.6 | 2.2 | 2.4 | 1.9 | 2.0 | 2.3 | 3.6 | 3.2 | 2.0 | 1.1 | 0.8 | 1.0 | 24.1 |
| 222 | Srinagar | 3.1 | 2.4 | 2.7 | 2.4 | 2.1 | 1.4 | 1.9 | 1.7 | 0.9 | 0.7 | 0.7 | 2.6 | 22.7 |
| 223 | Sundarnagar | 2.1 | 2.3 | 2.5 | 2.0 | 2.0 | 2.7 | 4.0 | 3.6 | 2.1 | 1.1 | 0.8 | 1.1 | 26.2 |
| 224 | Suni Seoni | 1.5 | 2.1 | 2.3 | 1.9 | 2.0 | 2.4 | 3.6 | 3.3 | 2.0 | 1.1 | 0.8 | 0.9 | 24.0 |
| 225 | Tanda | 1.5 | 2.1 | 2.3 | 1.9 | 1.9 | 2.3 | 3.6 | 3.3 | 2.1 | 1.1 | 0.8 | 0.9 | 23.9 |
| 226 | Tangmarg | 6.1 | 3.8 | 2.9 | 2.4 | 2.3 | 1.4 | 1.9 | 1.7 | 0.9 | 0.7 | 0.8 | 2.7 | 27.7 |
| 227 | Tapoban | 19.9 | 6.6 | 4.4 | 2.5 | 2.1 | 2.7 | 4.0 | 3.6 | 2.2 | 1.3 | 0.9 | 2.2 | 52.5 |
| 228 | Theog | 3.8 | 3.3 | 2.6 | 2.0 | 2.1 | 2.5 | 3.5 | 3.2 | 2.0 | 1.1 | 0.9 | 1.9 | 28.9 |
| 229 | Tibri | 1.6 | 2.1 | 2.3 | 1.9 | 1.9 | 2.3 | 3.4 | 3.2 | 2.0 | 1.1 | 0.8 | 1.0 | 23.8 |
| 230 | Tral | 3.0 | 2.4 | 3.0 | 2.8 | 2.3 | 1.4 | 1.9 | 1.7 | 0.9 | 0.7 | 0.7 | 1.8 | 22.5 |
| 231 | T-K-I-H-Kung | 6.7 | 13.7 | 14.2 | 6.0 | 7.3 | 2.6 | 14.7 | 6.9 | 12.1 | 6.6 | 2.8 | 3.4 | 97.1 |
| 232 | Udhampur | 1.7 | 2.3 | 2.4 | 2.0 | 1.9 | 2.3 | 3.9 | 3.7 | 2.1 | 1.1 | 0.8 | 1.0 | 25.2 |
| 233 | Una | 1.5 | 2.1 | 2.3 | 1.9 | 1.9 | 2.3 | 3.7 | 3.5 | 2.1 | 1.1 | 0.8 | 0.9 | 24.2 |
| 234 | Uri | 4.9 | 3.1 | 2.8 | 2.3 | 2.4 | 1.4 | 2.0 | 1.7 | 0.9 | 0.7 | 0.8 | 2.3 | 25.2 |
| 235 | Uttamchipura | 93.8 | 57.8 | 42.3 | 4.4 | 2.5 | 1.5 | 1.9 | 1.7 | 0.9 | 1.1 | 3.3 | 80.6 | 292.0 |
| 236 | Vantipura | 2.5 | 2.3 | 2.6 | 2.4 | 2.1 | 1.4 | 1.9 | 1.7 | 0.9 | 0.7 | 0.7 | 1.6 | 20.8 |
| 237 | Verinagh | 2.8 | 3.2 | 2.9 | 2.6 | 2.3 | 1.4 | 2.0 | 1.7 | 0.9 | 0.7 | 0.7 | 2.3 | 23.5 |
| 238 | Arthal | 16.6 | 7.5 | 3.8 | 2.8 | 2.4 | 2.4 | 3.3 | 3.1 | 1.9 | 1.2 | 1.0 | 4.8 | 50.7 |
| 239 | Bhakra | 1.5 | 2.1 | 2.3 | 2.0 | 2.0 | 2.3 | 3.7 | 3.4 | 2.1 | 1.1 | 0.8 | 0.9 | 24.3 |
| 240 | Bunencha | 44.9 | 27.1 | 5.8 | 2.4 | 2.1 | 2.3 | 3.5 | 3.2 | 2.0 | 1.1 | 1.2 | 8.2 | 103.7 |
| 241 | Chingaon | 9.4 | 5.5 | 3.0 | 2.4 | 2.2 | 2.3 | 3.5 | 3.2 | 2.0 | 1.1 | 0.9 | 2.6 | 38.1 |
| 242 | Chitkul | 92.2 | 64.2 | 82.7 | 9.7 | 3.3 | 2.5 | 3.5 | 3.4 | 2.7 | 2.4 | 15.0 | 63.6 | 345.2 |
| 243 | Damini | 2.7 | 2.9 | 2.8 | 2.2 | 2.1 | 2.3 | 3.6 | 3.3 | 2.0 | 1.1 | 0.9 | 1.4 | 27.3 |
| 244 | Darabshala | 2.6 | 2.6 | 3.0 | 2.2 | 2.0 | 2.3 | 3.4 | 3.1 | 2.0 | 1.1 | 0.9 | 1.4 | 26.6 |
| 245 | Devigol | 27.3 | 12.1 | 4.1 | 2.3 | 2.0 | 2.3 | 3.5 | 3.2 | 2.0 | 1.1 | 1.0 | 3.5 | 64.3 |
| 246 | Dhamkund | 2.7 | 2.9 | 2.9 | 2.2 | 2.1 | 2.3 | 3.5 | 3.2 | 2.0 | 1.1 | 0.9 | 1.6 | 27.3 |
| 247 | Doda | 2.8 | 2.6 | 2.7 | 2.1 | 2.0 | 2.3 | 3.4 | 3.1 | 1.9 | 1.1 | 0.9 | 1.4 | 26.5 |
| 248 | Dusadudha | 23.6 | 10.4 | 3.9 | 2.3 | 2.0 | 2.3 | 3.5 | 3.2 | 2.0 | 1.1 | 1.0 | 3.9 | 59.1 |
| 249 | Gainta | 1.9 | 2.5 | 2.8 | 2.1 | 2.1 | 2.3 | 3.6 | 3.3 | 2.0 | 1.1 | 0.8 | 1.0 | 25.5 |
| 250 | Ghamroor | 1.7 | 2.1 | 2.3 | 1.9 | 1.9 | 2.3 | 3.5 | 3.2 | 2.0 | 1.1 | 0.9 | 1.1 | 24.2 |
| 251 | Harsur | 1.6 | 2.2 | 2.5 | 2.0 | 2.0 | 2.3 | 3.6 | 3.3 | 2.0 | 1.1 | 0.8 | 1.0 | 24.4 |
| 252 | Hawal | 32.9 | 28.4 | 5.7 | 3.1 | 2.5 | 2.4 | 3.4 | 3.1 | 2.0 | 1.2 | 1.5 | 18.8 | 105.1 |
| 253 | Inshan | 25.2 | 10.9 | 3.8 | 2.6 | 2.4 | 2.3 | 3.4 | 3.1 | 2.0 | 1.1 | 1.1 | 5.3 | 63.2 |
| 254 | Kahu | 1.5 | 2.1 | 2.3 | 2.0 | 2.0 | 2.3 | 3.6 | 3.4 | 2.1 | 1.1 | 0.8 | 0.9 | 24.2 |
| 255 | Kasol | 1.5 | 2.1 | 2.3 | 2.0 | 2.0 | 2.3 | 3.6 | 3.4 | 2.1 | 1.1 | 0.8 | 0.9 | 24.3 |
| 256 | Kati | 2.9 | 3.0 | 2.6 | 2.3 | 2.2 | 2.4 | 4.0 | 3.6 | 2.1 | 1.1 | 0.8 | 1.6 | 28.7 |
| 257 | Kaza | 51.1 | 100.1 | 67.7 | 5.1 | 2.3 | 1.4 | 2.0 | 2.1 | 2.4 | 1.3 | 9.0 | 25.3 | 269.7 |
| 258 | Kupwara | 7.2 | 2.1 | 3.5 | 2.5 | 2.3 | 1.5 | 1.9 | 1.7 | 0.9 | 0.7 | 1.2 | 4.7 | 30.2 |
| 259 | Larji | 2.0 | 2.3 | 2.6 | 2.1 | 2.0 | 2.4 | 3.7 | 3.3 | 2.0 | 1.1 | 0.8 | 1.3 | 25.6 |
| 260 | Lossar | 40.2 | 65.4 | 65.2 | 18.9 | 3.2 | 2.2 | 2.0 | 2.1 | 2.7 | 3.0 | 6.4 | 15.0 | 226.2 |
| 261 | Matsal | 153.2 | 203.1 | 204.0 | 69.9 | 8.7 | 3.5 | 3.9 | 3.6 | 2.8 | 15.1 | 25.1 | 44.4 | 737.4 |
| 262 | Mau | 100.2 | 132.3 | 18.0 | 4.9 | 2.6 | 2.5 | 3.6 | 3.3 | 2.1 | 1.4 | 3.2 | 59.4 | 333.4 |
| 263 | Mohu | 48.2 | 21.3 | 4.6 | 2.3 | 2.2 | 2.3 | 3.5 | 3.2 | 2.0 | 1.2 | 1.3 | 13.9 | 105.8 |
| 264 | Moorang | 17.4 | 16.4 | 3.7 | 2.1 | 2.2 | 2.4 | 3.6 | 3.3 | 2.1 | 1.1 | 0.9 | 4.2 | 59.5 |
| 265 | Namgia | 25.3 | 38.1 | 5.7 | 1.9 | 1.3 | 1.2 | 1.7 | 1.9 | 1.4 | 0.5 | 0.9 | 10.7 | 90.7 |
| 266 | Nandan | 8.0 | 5.4 | 2.9 | 2.4 | 2.4 | 2.3 | 3.8 | 3.4 | 2.0 | 1.1 | 0.9 | 2.6 | 37.3 |
| 267 | Ohli | 5.8 | 4.2 | 3.7 | 2.8 | 2.4 | 2.4 | 3.4 | 3.1 | 2.0 | 1.2 | 1.0 | 1.9 | 33.6 |
| 268 | Palmar | 4.5 | 3.7 | 3.3 | 2.8 | 2.4 | 2.4 | 3.4 | 3.1 | 2.0 | 1.2 | 1.0 | 2.5 | 32.1 |
| 269 | Pooh | 27.5 | 38.2 | 4.5 | 1.8 | 1.3 | 1.3 | 1.8 | 1.9 | 1.4 | 0.5 | 0.8 | 9.8 | 90.8 |
| 270 | Pouni | 1.7 | 2.4 | 2.6 | 2.1 | 2.1 | 2.3 | 3.9 | 3.5 | 2.0 | 1.1 | 0.8 | 1.0 | 25.5 |
| 271 | Rakchham | 87.7 | 59.7 | 24.7 | 4.5 | 2.5 | 2.4 | 3.4 | 3.2 | 2.1 | 1.1 | 4.2 | 56.7 | 252.1 |
| 272 | Rekenwas | 28.9 | 28.2 | 27.9 | 5.5 | 2.6 | 2.3 | 3.3 | 3.1 | 2.0 | 1.7 | 5.8 | 22.7 | 134.0 |
| 273 | Rot | 2.3 | 2.6 | 2.5 | 2.1 | 2.1 | 2.4 | 3.5 | 3.2 | 2.0 | 1.1 | 0.8 | 1.2 | 25.9 |
| 274 | Sain | 31.9 | 13.6 | 3.8 | 2.5 | 2.4 | 2.3 | 3.8 | 3.4 | 2.0 | 1.2 | 1.1 | 8.2 | 76.4 |
| 275 | Sainj | 2.6 | 2.5 | 2.7 | 2.1 | 2.0 | 2.5 | 3.7 | 3.3 | 2.0 | 1.1 | 0.8 | 1.4 | 26.6 |
| 276 | Salal | 1.7 | 2.5 | 2.8 | 2.1 | 2.1 | 2.3 | 3.6 | 3.3 | 2.0 | 1.1 | 0.8 | 1.0 | 25.3 |
| 277 | Sarkund | 15.4 | 6.9 | 3.2 | 2.6 | 2.3 | 2.3 | 3.4 | 3.1 | 1.9 | 1.1 | 1.0 | 4.1 | 47.4 |
| 278 | Shahpur-I | 1.6 | 2.2 | 2.5 | 2.0 | 2.0 | 2.3 | 3.6 | 3.3 | 2.0 | 1.1 | 0.8 | 1.0 | 24.5 |
| 279 | Sirshi | 5.7 | 4.1 | 3.4 | 2.9 | 2.5 | 2.4 | 3.4 | 3.1 | 2.0 | 1.2 | 1.0 | 2.0 | 33.6 |
| 280 | Sohal | 15.7 | 11.7 | 7.0 | 3.2 | 2.3 | 2.4 | 3.5 | 3.2 | 2.0 | 1.5 | 1.7 | 4.5 | 58.6 |
| 281 | Tandi | 121.8 | 77.5 | 26.6 | 4.8 | 2.2 | 2.9 | 3.4 | 3.2 | 2.0 | 1.1 | 3.0 | 41.2 | 289.6 |
| 282 | Thana | 61.6 | 24.1 | 6.8 | 2.6 | 2.3 | 2.4 | 3.3 | 3.1 | 1.9 | 1.1 | 1.2 | 5.4 | 115.9 |
| 283 | Tillar | 12.7 | 6.4 | 3.6 | 3.0 | 2.5 | 2.4 | 3.4 | 3.1 | 2.0 | 1.2 | 1.1 | 4.1 | 45.4 |
| 284 | Udaipur | 87.6 | 44.7 | 10.8 | 3.8 | 2.2 | 2.4 | 3.4 | 3.1 | 2.0 | 1.3 | 1.9 | 14.4 | 177.6 |
| 285 | Yurod | 9.7 | 4.8 | 3.1 | 2.5 | 2.2 | 2.3 | 3.3 | 3.1 | 1.9 | 1.1 | 1.0 | 2.6 | 37.8 |
| 286 | Asmar | 6.1 | 4.7 | 5.7 | 6.2 | 4.0 | 2.3 | 2.9 | 2.8 | 2.5 | 1.5 | 1.7 | 2.6 | 43.0 |
| 287 | Bamiyan | 6.6 | 18.6 | 7.5 | 2.8 | 2.4 | 1.3 | 0.5 | 0.2 | 0.3 | 0.4 | 2.5 | 5.7 | 48.7 |
| 288 | Darullaman | 11.7 | 22.7 | 4.2 | 2.9 | 3.7 | 0.6 | 1.7 | 0.8 | 0.5 | 0.7 | 1.1 | 3.4 | 53.9 |
| 289 | Gerdiz | 11.5 | 30.2 | 7.0 | 2.9 | 1.8 | 0.7 | 1.4 | 0.7 | 0.0 | 0.5 | 1.2 | 6.5 | 64.4 |
| 290 | Ghaziabad | 1.3 | 1.8 | 2.3 | 2.3 | 1.1 | 0.2 | 0.3 | 0.7 | 0.5 | 0.2 | 0.5 | 0.9 | 12.1 |
| 291 | Ghazni | 11.3 | 23.0 | 4.7 | 2.5 | 1.4 | 0.1 | 1.1 | 0.1 | 0.0 | 0.7 | 1.4 | 5.8 | 52.3 |
| 292 | Jabul Saraj | 10.2 | 10.0 | 7.9 | 8.9 | 5.0 | 1.0 | 1.6 | 0.8 | 1.1 | 1.9 | 2.0 | 3.2 | 53.5 |
| 293 | Jalalabad | 1.1 | 1.5 | 2.1 | 2.3 | 1.4 | 0.3 | 0.3 | 0.5 | 0.3 | 0.3 | 0.6 | 0.8 | 11.5 |
| 294 | Kabul AP | 9.6 | 12.8 | 5.2 | 4.2 | 3.1 | 0.4 | 1.1 | 0.3 | 0.3 | 0.6 | 1.5 | 2.7 | 41.7 |
| 295 | Karizmir | 17.9 | 24.0 | 4.5 | 3.4 | 4.2 | 1.0 | 2.2 | 0.5 | 0.7 | 0.7 | 1.1 | 3.0 | 63.1 |
| 296 | Khost | 2.2 | 2.9 | 3.1 | 3.3 | 2.9 | 1.4 | 2.8 | 2.1 | 1.5 | 0.7 | 0.6 | 1.7 | 25.1 |
| 297 | Laghman | 1.2 | 1.6 | 2.2 | 2.4 | 1.6 | 0.3 | 0.3 | 0.5 | 0.3 | 0.3 | 0.6 | 0.8 | 12.0 |
| 298 | Logar | 8.6 | 16.1 | 4.4 | 2.8 | 2.6 | 0.4 | 1.0 | 0.4 | 0.3 | 0.5 | 1.1 | 4.6 | 42.7 |
| 299 | Mirbachakot | 12.0 | 15.1 | 3.7 | 2.9 | 3.6 | 0.5 | 2.7 | 1.6 | 0.4 | 0.7 | 1.0 | 2.6 | 46.8 |
| 300 | Mokur | 15.3 | 25.7 | 4.6 | 2.5 | 1.3 | 0.0 | 0.5 | 0.4 | 0.0 | 0.8 | 1.3 | 4.6 | 56.9 |
| 301 | North Salang | 181.0 | 148.2 | 153.1 | 76.1 | 5.9 | 1.5 | 1.1 | 0.9 | 0.6 | 3.5 | 40.0 | 79.7 | 691.4 |
| 302 | Okak | 26.4 | 23.5 | 27.2 | 5.7 | 1.6 | 0.4 | 1.3 | 0.4 | 0.0 | 0.5 | 9.2 | 10.1 | 106.4 |
| 303 | Paghman | 23.8 | 38.7 | 4.6 | 3.4 | 4.6 | 1.0 | 3.4 | 1.0 | 1.5 | 0.9 | 1.3 | 4.7 | 88.7 |
| 304 | Pan Jao | 20.4 | 98.1 | 46.2 | 6.3 | 1.9 | 0.7 | 0.4 | 0.2 | 0.4 | 0.8 | 10.1 | 21.0 | 206.5 |
| 305 | Sarobi | 2.6 | 2.8 | 3.3 | 3.3 | 3.1 | 0.4 | 0.6 | 0.4 | 0.7 | 0.6 | 1.0 | 1.9 | 20.7 |
| 306 | South Salang | 71.6 | 85.0 | 56.8 | 9.3 | 8.7 | 2.0 | 2.1 | 1.6 | 0.8 | 2.8 | 16.3 | 38.5 | 295.4 |
| 307 | Zebak | 4.4 | 10.7 | 2.9 | 2.8 | 2.2 | 0.9 | 0.9 | 0.3 | 0.1 | 0.6 | 1.8 | 4.6 | 32.0 |
| 308 | Approach | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 309 | Baltoro | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 310 | Batura | 68.0 | 84.0 | 112.0 | 76.0 | 64.0 | 60.0 | 72.0 | 80.0 | 56.0 | 36.0 | 32.0 | 60.0 | 800.0 |
| 311 | Chong Kumdan | 86.7 | 86.7 | 91.8 | 85.0 | 63.8 | 63.8 | 38.3 | 57.4 | 31.9 | 81.6 | 76.5 | 86.7 | 850.0 |
| 312 | Chogolungma | 76.5 | 76.5 | 81.0 | 75.0 | 56.3 | 56.3 | 33.8 | 50.6 | 28.1 | 72.0 | 67.5 | 76.5 | 750.0 |
| 313 | Hispar Dome | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 314 | Hispar East | 76.5 | 76.5 | 81.0 | 75.0 | 56.3 | 56.3 | 33.8 | 50.6 | 28.1 | 72.0 | 67.5 | 76.5 | 750.0 |
| 315 | Hispar West | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 316 | Hispar Pass | 25.5 | 25.5 | 27.0 | 25.0 | 18.8 | 18.8 | 11.3 | 16.9 | 9.4 | 24.0 | 22.5 | 25.5 | 250.0 |
| 317 | Khurdopin | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 318 | Nanga Parbat | 51.0 | 51.0 | 54.0 | 50.0 | 37.5 | 37.5 | 22.5 | 33.8 | 18.8 | 48.0 | 45.0 | 51.0 | 500.0 |
| 319 | Nun Kun North | 25.5 | 25.5 | 27.0 | 25.0 | 18.8 | 18.8 | 11.3 | 16.9 | 9.4 | 24.0 | 22.5 | 25.5 | 250.0 |
| 320 | Sentik | 76.5 | 76.5 | 81.0 | 75.0 | 56.3 | 56.3 | 33.8 | 50.6 | 28.1 | 72.0 | 67.5 | 76.5 | 750.0 |
| 321 | Siachin A | 102.0 | 102.0 | 108.0 | 100.0 | 75.0 | 75.0 | 45.0 | 67.5 | 37.5 | 96.0 | 90.0 | 102.0 | 1000. |
| 322 | Siachin B | 102.0 | 102.0 | 108.0 | 100.0 | 75.0 | 75.0 | 45.0 | 67.5 | 37.5 | 96.0 | 90.0 | 102.0 | 1000. |
| 323 | Siachin C | 91.8 | 91.8 | 97.2 | 90.0 | 67.5 | 67.5 | 40.5 | 60.8 | 33.8 | 86.4 | 81.0 | 91.8 | 900.0 |
| 324 | Siachin D | 76.5 | 76.5 | 81.0 | 75.0 | 56.3 | 56.3 | 33.8 | 50.6 | 28.1 | 72.0 | 67.5 | 76.5 | 750.0 |
| 325 | South Terong | 86.7 | 86.7 | 91.8 | 85.0 | 63.8 | 63.8 | 38.3 | 57.4 | 31.9 | 81.6 | 76.5 | 86.7 | 850.0 |
| 326 | Terong | 76.5 | 76.5 | 81.0 | 75.0 | 56.3 | 56.3 | 33.8 | 50.6 | 28.1 | 72.0 | 67.5 | 76.5 | 750.0 |
| 327 | Urdok | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 328 | Whaleback | 76.5 | 76.5 | 81.0 | 75.0 | 56.3 | 56.3 | 33.8 | 50.6 | 28.1 | 72.0 | 67.5 | 76.5 | 750.0 |

Table S3. Station-based correction factors for adjusting measurement errors in precipitation observations.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **S.No.** | **Station Name** | **Jan** | **Feb** | **Mar** | **Apr** | **May** | **Jun** | **Jul** | **Aug** | **Sep** | **Oct** | **Nov** | **Dec** | **ANN** |
| 1 | Astore | 1.399 | 1.261 | 1.094 | 1.048 | 1.075 | 1.093 | 1.097 | 1.110 | 1.091 | 1.093 | 1.071 | 1.106 | 1.139 |
| 2 | Babusar | 1.970 | 2.096 | 1.785 | 1.612 | 1.124 | 1.143 | 1.119 | 1.063 | 1.080 | 1.424 | 1.666 | 1.931 | 1.556 |
| 3 | Balakot | 1.021 | 1.026 | 1.039 | 1.040 | 1.055 | 1.039 | 1.021 | 1.020 | 1.020 | 1.052 | 1.025 | 1.024 | 1.028 |
| 4 | Bhimber | 1.018 | 1.045 | 1.031 | 1.026 | 1.087 | 1.039 | 1.016 | 1.012 | 1.011 | 1.045 | 1.085 | 1.019 | 1.020 |
| 5 | Bunji | 1.093 | 1.044 | 1.100 | 1.062 | 1.065 | 1.097 | 1.076 | 1.060 | 1.075 | 1.089 | 1.148 | 1.069 | 1.071 |
| 6 | Chakdara | 1.048 | 1.045 | 1.052 | 1.046 | 1.044 | 1.112 | 1.030 | 1.030 | 1.036 | 1.186 | 1.083 | 1.051 | 1.045 |
| 7 | Chakwal | 1.041 | 1.032 | 1.037 | 1.036 | 1.038 | 1.023 | 1.027 | 1.020 | 1.022 | 1.082 | 1.117 | 1.039 | 1.030 |
| 8 | Cherat | 1.097 | 1.096 | 1.072 | 1.080 | 1.108 | 1.051 | 1.045 | 1.040 | 1.056 | 1.082 | 1.098 | 1.103 | 1.069 |
| 9 | Chilas | 1.076 | 1.037 | 1.062 | 1.047 | 1.061 | 1.108 | 1.088 | 1.095 | 1.131 | 1.126 | 1.052 | 1.030 | 1.066 |
| 10 | Chitral | 1.086 | 1.060 | 1.041 | 1.042 | 1.073 | 1.118 | 1.169 | 1.300 | 1.137 | 1.059 | 1.038 | 1.066 | 1.063 |
| 11 | Dir | 1.026 | 1.022 | 1.022 | 1.019 | 1.043 | 1.037 | 1.022 | 1.025 | 1.036 | 1.021 | 1.018 | 1.024 | 1.025 |
| 12 | Drosh | 1.063 | 1.052 | 1.045 | 1.033 | 1.061 | 1.087 | 1.107 | 1.103 | 1.100 | 1.048 | 1.034 | 1.059 | 1.055 |
| 13 | GD Poto | 1.014 | 1.011 | 1.011 | 1.009 | 1.014 | 1.025 | 1.011 | 1.009 | 1.010 | 1.011 | 1.012 | 1.009 | 1.011 |
| 14 | Gilgit | 1.178 | 1.111 | 1.176 | 1.073 | 1.085 | 1.124 | 1.138 | 1.139 | 1.208 | 1.144 | 1.132 | 1.065 | 1.118 |
| 15 | Gupis | 1.161 | 1.093 | 1.137 | 1.027 | 1.061 | 1.034 | 1.019 | 1.020 | 1.041 | 1.068 | 1.696 | 1.135 | 1.059 |
| 16 | Hunza | 1.851 | 1.377 | 1.105 | 1.053 | 1.060 | 1.040 | 1.026 | 1.055 | 1.045 | 1.082 | 1.153 | 1.293 | 1.074 |
| 17 | Islamabad AP | 1.070 | 1.124 | 1.135 | 1.122 | 1.126 | 1.078 | 1.051 | 1.036 | 1.039 | 1.053 | 1.058 | 1.062 | 1.064 |
| 18 | Jhelum | 1.038 | 1.031 | 1.044 | 1.028 | 1.042 | 1.042 | 1.020 | 1.018 | 1.018 | 1.038 | 1.025 | 1.015 | 1.025 |
| 19 | Kakul | 1.027 | 1.023 | 1.032 | 1.027 | 1.038 | 1.027 | 1.018 | 1.021 | 1.026 | 1.030 | 1.026 | 1.024 | 1.024 |
| 20 | KalamP | 1.274 | 1.266 | 1.037 | 1.026 | 1.038 | 1.113 | 1.078 | 1.094 | 1.053 | 1.019 | 1.026 | 1.090 | 1.121 |
| 21 | Kamra | 1.016 | 1.017 | 1.070 | 1.100 | 1.262 | 1.036 | 1.023 | 1.022 | 1.043 | 1.051 | 1.100 | 1.038 | 1.033 |
| 22 | Kohat | 1.027 | 1.026 | 1.045 | 1.034 | 1.028 | 1.019 | 1.016 | 1.013 | 1.014 | 1.020 | 1.161 | 1.041 | 1.024 |
| 23 | Kotli-P | 1.027 | 1.023 | 1.033 | 1.027 | 1.033 | 1.051 | 1.018 | 1.017 | 1.022 | 1.022 | 1.032 | 1.018 | 1.024 |
| 24 | landikotal | 1.107 | 1.088 | 1.040 | 1.034 | 1.045 | 1.643 | 1.136 | 1.264 | 1.178 | 1.184 | 1.057 | 1.063 | 1.070 |
| 25 | Lower Dir | 1.108 | 1.055 | 1.081 | 1.062 | 1.095 | 1.065 | 1.050 | 1.026 | 1.047 | 1.029 | 1.070 | 1.164 | 1.060 |
| 26 | Malamjaba | 1.438 | 1.173 | 1.073 | 1.039 | 1.040 | 1.029 | 1.018 | 1.019 | 1.021 | 1.022 | 1.040 | 1.139 | 1.089 |
| 27 | Mangla-P | 1.023 | 1.020 | 1.017 | 1.017 | 1.030 | 1.023 | 1.013 | 1.014 | 1.018 | 1.034 | 1.078 | 1.028 | 1.018 |
| 28 | Miranshah | 1.060 | 1.067 | 1.042 | 1.046 | 1.118 | 1.162 | 1.043 | 1.069 | 1.399 | 1.117 | 1.095 | 1.054 | 1.067 |
| 29 | Mirkhani | 1.093 | 1.042 | 1.047 | 1.062 | 1.100 | 1.161 | 1.159 | 1.066 | 1.091 | 1.095 | 1.054 | 1.115 | 1.068 |
| 30 | Mirpur | 1.025 | 1.036 | 1.033 | 1.043 | 1.061 | 1.037 | 1.015 | 1.014 | 1.018 | 1.087 | 1.333 | 1.032 | 1.024 |
| 31 | Murree | 1.965 | 2.068 | 1.716 | 1.165 | 1.078 | 1.327 | 1.130 | 1.226 | 1.188 | 1.132 | 1.690 | 1.991 | 1.499 |
| 32 | Muzaffarabad | 1.046 | 1.045 | 1.025 | 1.021 | 1.029 | 1.033 | 1.016 | 1.014 | 1.017 | 1.017 | 1.033 | 1.024 | 1.023 |
| 33 | Parachinar | 1.016 | 1.015 | 1.018 | 1.015 | 1.024 | 1.034 | 1.010 | 1.010 | 1.012 | 1.014 | 1.016 | 1.011 | 1.014 |
| 34 | Pattan | 1.094 | 1.052 | 1.038 | 1.032 | 1.049 | 1.042 | 1.033 | 1.029 | 1.031 | 1.040 | 1.038 | 1.067 | 1.042 |
| 35 | Peshawar AP | 1.058 | 1.033 | 1.063 | 1.050 | 1.056 | 1.075 | 1.051 | 1.067 | 1.043 | 1.028 | 1.044 | 1.076 | 1.051 |
| 36 | Rawlakot-P | 1.019 | 1.032 | 1.048 | 1.050 | 1.099 | 1.068 | 1.055 | 1.051 | 1.044 | 1.030 | 1.031 | 1.034 | 1.046 |
| 37 | Risalpur | 1.084 | 1.050 | 1.023 | 1.019 | 1.025 | 1.021 | 1.017 | 1.024 | 1.016 | 1.014 | 1.030 | 1.056 | 1.029 |
| 38 | Saidusharif | 1.032 | 1.037 | 1.063 | 1.054 | 1.105 | 1.087 | 1.070 | 1.057 | 1.052 | 1.040 | 1.068 | 1.043 | 1.058 |
| 39 | Sialkot | 1.051 | 1.047 | 1.059 | 1.041 | 1.059 | 1.042 | 1.022 | 1.030 | 1.029 | 1.051 | 1.042 | 1.071 | 1.041 |
| 40 | Skardu | 1.028 | 1.048 | 1.042 | 1.036 | 1.059 | 1.057 | 1.018 | 1.017 | 1.015 | 1.047 | 1.036 | 1.030 | 1.025 |
| 41 | Abazai | 1.672 | 1.161 | 1.071 | 1.051 | 1.049 | 1.115 | 1.109 | 1.112 | 1.108 | 1.110 | 1.115 | 1.181 | 1.168 |
| 42 | Amandara | 1.112 | 1.124 | 1.040 | 1.050 | 1.132 | 1.081 | 1.023 | 1.023 | 1.030 | 1.014 | 1.029 | 1.044 | 1.037 |
| 43 | Bagh | 1.051 | 1.051 | 1.051 | 1.047 | 1.121 | 1.141 | 1.044 | 1.028 | 1.077 | 1.043 | 1.078 | 1.065 | 1.053 |
| 44 | Besham | 1.067 | 1.045 | 1.034 | 1.036 | 1.027 | 1.030 | 1.015 | 1.020 | 1.034 | 1.031 | 1.041 | 1.054 | 1.030 |
| 45 | Burzil | 1.061 | 1.039 | 1.063 | 1.054 | 1.054 | 1.042 | 1.037 | 1.029 | 1.041 | 1.033 | 1.045 | 1.092 | 1.047 |
| 46 | Charbagh | 2.240 | 2.357 | 2.019 | 1.882 | 1.210 | 1.050 | 1.036 | 1.034 | 1.051 | 1.275 | 1.881 | 2.247 | 1.640 |
| 47 | Charsadda | 1.095 | 1.066 | 1.082 | 1.069 | 1.074 | 1.062 | 1.025 | 1.027 | 1.036 | 1.047 | 1.080 | 1.124 | 1.061 |
| 48 | Dagar | 1.026 | 1.027 | 1.043 | 1.038 | 1.034 | 1.015 | 1.017 | 1.013 | 1.021 | 1.056 | 1.150 | 1.056 | 1.027 |
| 49 | Deosai | 1.047 | 1.048 | 1.065 | 1.051 | 1.091 | 1.046 | 1.022 | 1.022 | 1.027 | 1.047 | 1.059 | 1.075 | 1.040 |
| 50 | Dhudnial | 2.072 | 2.230 | 2.004 | 1.977 | 1.259 | 1.097 | 1.076 | 1.050 | 1.075 | 1.261 | 1.806 | 2.098 | 1.646 |
| 51 | Domel | 1.121 | 1.051 | 1.015 | 1.015 | 1.020 | 1.045 | 1.054 | 1.055 | 1.065 | 1.020 | 1.029 | 1.069 | 1.036 |
| 52 | Doyian | 1.098 | 1.051 | 1.043 | 1.047 | 1.054 | 1.035 | 1.017 | 1.023 | 1.024 | 1.028 | 1.055 | 1.083 | 1.040 |
| 53 | Fort Lockhart | 1.169 | 1.081 | 1.065 | 1.065 | 1.051 | 1.064 | 1.047 | 1.060 | 1.051 | 1.052 | 1.075 | 1.112 | 1.067 |
| 54 | Gujar Khan | 1.099 | 1.097 | 1.056 | 1.031 | 1.037 | 1.037 | 1.021 | 1.021 | 1.030 | 1.034 | 1.069 | 1.086 | 1.043 |
| 55 | Hushy | 1.075 | 1.037 | 1.019 | 1.047 | 1.028 | 1.044 | 1.014 | 1.012 | 1.024 | 1.062 | 1.175 | 1.010 | 1.022 |
| 56 | Jabbar | 1.816 | 1.762 | 1.140 | 1.101 | 1.042 | 1.051 | 1.054 | 1.047 | 1.054 | 1.036 | 1.116 | 1.770 | 1.201 |
| 57 | Kachura | 1.306 | 1.112 | 1.051 | 1.038 | 1.032 | 1.030 | 1.020 | 1.029 | 1.024 | 1.022 | 1.042 | 1.179 | 1.060 |
| 58 | KalamW | 1.994 | 1.469 | 1.069 | 1.080 | 1.076 | 1.140 | 1.098 | 1.100 | 1.083 | 1.075 | 1.088 | 1.301 | 1.214 |
| 59 | Kallar | 1.330 | 1.152 | 1.039 | 1.034 | 1.059 | 1.109 | 1.126 | 1.107 | 1.063 | 1.029 | 1.022 | 1.071 | 1.096 |
| 60 | Kelash | 1.061 | 1.023 | 1.014 | 1.030 | 1.040 | 1.025 | 1.014 | 1.015 | 1.018 | 1.045 | 1.122 | 1.008 | 1.020 |
| 61 | Khairabad | 1.341 | 1.396 | 1.064 | 1.050 | 1.079 | 1.103 | 1.060 | 1.036 | 1.053 | 1.038 | 1.045 | 1.339 | 1.156 |
| 62 | Khandar | 1.040 | 1.019 | 1.011 | 1.019 | 1.016 | 1.021 | 1.013 | 1.017 | 1.026 | 1.029 | 1.034 | 1.007 | 1.017 |
| 63 | Khot | 1.894 | 2.051 | 1.830 | 1.114 | 1.053 | 1.055 | 1.059 | 1.060 | 1.060 | 1.090 | 1.696 | 1.914 | 1.554 |
| 64 | Khunjrab-W | 5.781 | 5.908 | 5.503 | 4.194 | 2.174 | 1.170 | 1.106 | 1.088 | 1.331 | 3.062 | 4.869 | 5.446 | 2.821 |
| 65 | Kotli-W | 1.053 | 1.026 | 1.015 | 1.020 | 1.029 | 1.024 | 1.010 | 1.011 | 1.017 | 1.036 | 1.043 | 1.010 | 1.016 |
| 66 | Lora | 1.040 | 1.034 | 1.023 | 1.026 | 1.052 | 1.067 | 1.021 | 1.020 | 1.014 | 1.042 | 1.093 | 1.028 | 1.027 |
| 67 | Malakand | 1.043 | 1.045 | 1.048 | 1.041 | 1.115 | 1.082 | 1.031 | 1.018 | 1.056 | 1.057 | 1.048 | 1.051 | 1.041 |
| 68 | Mangla-W | 1.022 | 1.027 | 1.023 | 1.041 | 1.031 | 1.024 | 1.013 | 1.012 | 1.020 | 1.086 | 1.253 | 1.025 | 1.020 |
| 69 | Mardan | 1.037 | 1.053 | 1.077 | 1.067 | 1.076 | 1.042 | 1.016 | 1.011 | 1.022 | 1.036 | 1.059 | 1.059 | 1.032 |
| 70 | Munda dam | 1.043 | 1.053 | 1.060 | 1.051 | 1.096 | 1.047 | 1.025 | 1.016 | 1.024 | 1.032 | 1.085 | 1.120 | 1.037 |
| 71 | Naltar | 1.400 | 1.553 | 1.123 | 1.040 | 1.032 | 1.038 | 1.033 | 1.028 | 1.035 | 1.032 | 1.083 | 1.387 | 1.152 |
| 72 | Naran | 2.242 | 1.979 | 1.938 | 1.087 | 1.037 | 1.066 | 1.070 | 1.084 | 1.061 | 1.023 | 1.058 | 1.336 | 1.481 |
| 73 | Oghi | 1.058 | 1.047 | 1.054 | 1.047 | 1.053 | 1.037 | 1.023 | 1.032 | 1.036 | 1.026 | 1.044 | 1.078 | 1.042 |
| 74 | Palandri | 1.059 | 1.045 | 1.027 | 1.016 | 1.025 | 1.015 | 1.011 | 1.009 | 1.015 | 1.045 | 1.050 | 1.057 | 1.022 |
| 75 | Phulra | 1.059 | 1.054 | 1.065 | 1.051 | 1.060 | 1.046 | 1.026 | 1.026 | 1.034 | 1.030 | 1.049 | 1.090 | 1.043 |
| 76 | Pir Chenasi | 1.975 | 1.583 | 1.066 | 1.034 | 1.040 | 1.023 | 1.018 | 1.027 | 1.021 | 1.039 | 1.066 | 1.295 | 1.199 |
| 77 | Puran | 1.045 | 1.046 | 1.052 | 1.043 | 1.046 | 1.036 | 1.020 | 1.022 | 1.027 | 1.033 | 1.037 | 1.064 | 1.036 |
| 78 | Qalangi | 1.041 | 1.045 | 1.057 | 1.050 | 1.114 | 1.624 | 1.043 | 1.039 | 1.139 | 1.161 | 1.061 | 1.058 | 1.058 |
| 79 | Rama | 2.187 | 2.257 | 1.662 | 1.091 | 1.049 | 1.051 | 1.049 | 1.043 | 1.044 | 1.042 | 1.348 | 2.146 | 1.559 |
| 80 | Ratu | 2.152 | 2.129 | 1.197 | 1.055 | 1.037 | 1.057 | 1.068 | 1.075 | 1.058 | 1.030 | 1.082 | 2.019 | 1.359 |
| 81 | Rawlakot-W | 1.074 | 1.056 | 1.032 | 1.026 | 1.033 | 1.019 | 1.020 | 1.018 | 1.024 | 1.042 | 1.038 | 1.072 | 1.032 |
| 82 | Saifulmulk | 2.268 | 1.935 | 1.564 | 1.095 | 1.065 | 1.059 | 1.053 | 1.058 | 1.042 | 1.029 | 1.241 | 2.163 | 1.564 |
| 83 | Sehrkakota | 1.068 | 1.045 | 1.025 | 1.035 | 1.037 | 1.042 | 1.012 | 1.020 | 1.026 | 1.029 | 1.035 | 1.042 | 1.028 |
| 84 | Shahpur | 1.293 | 1.110 | 1.079 | 1.060 | 1.057 | 1.032 | 1.019 | 1.021 | 1.026 | 1.025 | 1.058 | 1.203 | 1.080 |
| 85 | Shangla | 1.230 | 1.130 | 1.103 | 1.071 | 1.067 | 1.039 | 1.022 | 1.018 | 1.031 | 1.046 | 1.062 | 1.189 | 1.070 |
| 86 | Shendure | 1.444 | 1.813 | 1.542 | 1.100 | 1.079 | 1.052 | 1.040 | 1.045 | 1.058 | 1.106 | 1.398 | 1.537 | 1.290 |
| 87 | Shigar | 1.757 | 1.280 | 1.100 | 1.112 | 1.066 | 1.073 | 1.077 | 1.067 | 1.046 | 1.053 | 1.068 | 1.222 | 1.172 |
| 88 | Shinkiari | 1.058 | 1.050 | 1.059 | 1.050 | 1.051 | 1.029 | 1.016 | 1.022 | 1.022 | 1.026 | 1.043 | 1.085 | 1.035 |
| 89 | Shogran | 2.261 | 1.767 | 1.136 | 1.057 | 1.038 | 1.031 | 1.028 | 1.039 | 1.023 | 1.019 | 1.089 | 1.828 | 1.318 |
| 90 | Tandar | 1.068 | 1.024 | 1.015 | 1.030 | 1.025 | 1.028 | 1.009 | 1.009 | 1.017 | 1.044 | 1.052 | 1.010 | 1.015 |
| 91 | Tarbela | 1.008 | 1.015 | 1.029 | 1.040 | 1.075 | 1.037 | 1.018 | 1.022 | 1.027 | 1.064 | 1.020 | 1.017 | 1.025 |
| 92 | Ushkore | 1.403 | 1.652 | 1.338 | 1.048 | 1.073 | 1.046 | 1.020 | 1.018 | 1.031 | 1.049 | 1.201 | 1.526 | 1.189 |
| 93 | Yasin | 1.878 | 2.131 | 1.599 | 1.076 | 1.059 | 1.036 | 1.024 | 1.022 | 1.027 | 1.079 | 1.538 | 1.870 | 1.329 |
| 94 | Yugo | 1.902 | 1.515 | 1.099 | 1.081 | 1.062 | 1.130 | 1.073 | 1.138 | 1.108 | 1.049 | 1.194 | 1.476 | 1.173 |
| 95 | Zani | 1.595 | 1.856 | 1.478 | 1.172 | 1.054 | 1.046 | 1.061 | 1.060 | 1.038 | 1.073 | 1.420 | 1.630 | 1.307 |
| 96 | Ziarat | 2.707 | 3.282 | 2.512 | 1.187 | 1.080 | 1.049 | 1.022 | 1.030 | 1.054 | 1.130 | 2.311 | 2.515 | 1.714 |
| 97 | Zulam Br. | 1.034 | 1.045 | 1.052 | 1.041 | 1.071 | 1.079 | 1.038 | 1.027 | 1.056 | 1.114 | 1.070 | 1.080 | 1.046 |
| 98 | Alambar | 1.980 | 2.359 | 2.042 | 1.573 | 1.135 | 1.039 | 1.009 | 1.010 | 1.034 | 1.321 | 1.866 | 1.960 | 1.543 |
| 99 | Bagrot | 1.372 | 1.272 | 1.132 | 1.071 | 1.059 | 1.052 | 1.063 | 1.076 | 1.119 | 1.054 | 1.118 | 1.180 | 1.116 |
| 100 | Baldihel | 1.963 | 2.250 | 2.004 | 1.396 | 1.061 | 1.031 | 1.042 | 1.028 | 1.049 | 1.124 | 1.799 | 1.997 | 1.314 |
| 101 | Bulibalsirbar | 1.373 | 1.620 | 1.460 | 1.311 | 1.121 | 1.048 | 1.017 | 1.013 | 1.023 | 1.159 | 1.403 | 1.503 | 1.258 |
| 102 | Dadormal | 1.862 | 2.207 | 1.868 | 1.126 | 1.043 | 1.027 | 1.038 | 1.039 | 1.044 | 1.070 | 1.729 | 1.988 | 1.326 |
| 103 | Dame | 1.855 | 2.170 | 1.897 | 1.218 | 1.041 | 1.017 | 1.025 | 1.025 | 1.035 | 1.080 | 1.771 | 1.964 | 1.334 |
| 104 | Diran | 1.857 | 2.184 | 1.880 | 1.149 | 1.040 | 1.021 | 1.030 | 1.031 | 1.038 | 1.069 | 1.749 | 1.972 | 1.325 |
| 105 | Garmashbar | 1.969 | 2.326 | 1.929 | 1.118 | 1.062 | 1.035 | 1.013 | 1.013 | 1.019 | 1.062 | 1.753 | 1.939 | 1.470 |
| 106 | Khaimetbar | 1.370 | 1.610 | 1.425 | 1.095 | 1.086 | 1.043 | 1.017 | 1.013 | 1.017 | 1.064 | 1.363 | 1.494 | 1.227 |
| 107 | Khunjrab-C | 5.719 | 5.861 | 5.490 | 4.261 | 2.658 | 1.441 | 1.111 | 1.098 | 1.809 | 3.099 | 4.875 | 5.436 | 2.625 |
| 108 | Akhnoor | 1.028 | 1.027 | 1.037 | 1.054 | 1.140 | 1.046 | 1.010 | 1.007 | 1.010 | 1.054 | 1.193 | 1.021 | 1.017 |
| 109 | Anantnag | 1.082 | 1.079 | 1.027 | 1.034 | 1.038 | 1.037 | 1.058 | 1.069 | 1.020 | 1.029 | 1.075 | 1.063 | 1.043 |
| 110 | Arizal | 1.088 | 1.060 | 1.036 | 1.029 | 1.025 | 1.044 | 1.052 | 1.066 | 1.029 | 1.015 | 1.041 | 1.057 | 1.040 |
| 111 | Arki | 1.034 | 1.036 | 1.034 | 1.068 | 1.042 | 1.018 | 1.010 | 1.013 | 1.016 | 1.090 | 1.075 | 1.036 | 1.021 |
| 112 | Babapura | 1.081 | 1.040 | 1.034 | 1.025 | 1.027 | 1.044 | 1.052 | 1.052 | 1.023 | 1.023 | 1.063 | 1.071 | 1.038 |
| 113 | Badarwah | 1.041 | 1.027 | 1.018 | 1.019 | 1.032 | 1.035 | 1.030 | 1.026 | 1.025 | 1.026 | 1.015 | 1.032 | 1.027 |
| 114 | Badgam | 1.085 | 1.036 | 1.030 | 1.025 | 1.031 | 1.048 | 1.042 | 1.043 | 1.023 | 1.018 | 1.036 | 1.069 | 1.036 |
| 115 | Bandipura | 1.104 | 1.051 | 1.035 | 1.020 | 1.038 | 1.051 | 1.057 | 1.050 | 1.023 | 1.017 | 1.039 | 1.103 | 1.043 |
| 116 | Banihal | 1.037 | 1.019 | 1.014 | 1.017 | 1.023 | 1.027 | 1.024 | 1.029 | 1.012 | 1.016 | 1.015 | 1.027 | 1.021 |
| 117 | Banjar Saraj | 1.040 | 1.030 | 1.025 | 1.028 | 1.024 | 1.025 | 1.016 | 1.020 | 1.018 | 1.065 | 1.048 | 1.056 | 1.024 |
| 118 | Baramula | 1.062 | 1.023 | 1.020 | 1.013 | 1.028 | 1.043 | 1.046 | 1.080 | 1.027 | 1.013 | 1.023 | 1.050 | 1.027 |
| 119 | Bashila | 1.119 | 1.045 | 1.034 | 1.033 | 1.033 | 1.032 | 1.011 | 1.013 | 1.011 | 1.041 | 1.035 | 1.055 | 1.030 |
| 120 | Batote | 1.043 | 1.030 | 1.015 | 1.009 | 1.015 | 1.039 | 1.072 | 1.090 | 1.037 | 1.012 | 1.015 | 1.018 | 1.026 |
| 121 | Bhagtan | 1.055 | 1.045 | 1.050 | 1.020 | 1.018 | 1.017 | 1.026 | 1.017 | 1.019 | 1.022 | 1.027 | 1.046 | 1.025 |
| 122 | Bhangrotu | 1.038 | 1.028 | 1.022 | 1.056 | 1.051 | 1.011 | 1.008 | 1.009 | 1.009 | 1.049 | 1.049 | 1.041 | 1.015 |
| 123 | Bhuntar | 1.021 | 1.023 | 1.018 | 1.027 | 1.029 | 1.046 | 1.027 | 1.027 | 1.039 | 1.051 | 1.029 | 1.035 | 1.027 |
| 124 | Bilaspur | 1.047 | 1.038 | 1.035 | 1.110 | 1.069 | 1.030 | 1.011 | 1.012 | 1.013 | 1.052 | 1.057 | 1.042 | 1.022 |
| 125 | Chachiot | 1.033 | 1.029 | 1.032 | 1.040 | 1.033 | 1.016 | 1.007 | 1.011 | 1.010 | 1.027 | 1.024 | 1.039 | 1.016 |
| 126 | Chandigarh | 1.043 | 1.040 | 1.055 | 1.159 | 1.125 | 1.029 | 1.013 | 1.012 | 1.011 | 1.061 | 1.103 | 1.038 | 1.023 |
| 127 | Charisharif | 1.063 | 1.038 | 1.022 | 1.021 | 1.024 | 1.031 | 1.036 | 1.040 | 1.021 | 1.017 | 1.028 | 1.050 | 1.030 |
| 128 | Chenani | 1.023 | 1.012 | 1.013 | 1.021 | 1.047 | 1.053 | 1.014 | 1.024 | 1.018 | 1.029 | 1.083 | 1.011 | 1.019 |
| 129 | Chini Kalpa | 1.489 | 1.348 | 1.046 | 1.027 | 1.038 | 1.121 | 1.071 | 1.074 | 1.034 | 1.075 | 1.073 | 1.199 | 1.138 |
| 130 | Chowari | 1.019 | 1.021 | 1.021 | 1.032 | 1.030 | 1.016 | 1.006 | 1.006 | 1.008 | 1.053 | 1.031 | 1.018 | 1.012 |
| 131 | Dalhousie | 1.029 | 1.024 | 1.015 | 1.010 | 1.012 | 1.013 | 1.024 | 1.015 | 1.017 | 1.006 | 1.005 | 1.015 | 1.015 |
| 132 | Dasuya | 1.058 | 1.080 | 1.054 | 1.154 | 1.111 | 1.025 | 1.015 | 1.014 | 1.015 | 1.081 | 1.109 | 1.064 | 1.028 |
| 133 | Dehra Gopipur | 1.052 | 1.063 | 1.044 | 1.103 | 1.100 | 1.031 | 1.010 | 1.009 | 1.012 | 1.091 | 1.105 | 1.032 | 1.020 |
| 134 | Dharampur | 1.027 | 1.033 | 1.039 | 1.110 | 1.045 | 1.017 | 1.009 | 1.012 | 1.011 | 1.047 | 1.088 | 1.031 | 1.019 |
| 135 | Dharamshala | 1.097 | 1.066 | 1.075 | 1.057 | 1.032 | 1.012 | 1.004 | 1.004 | 1.007 | 1.038 | 1.071 | 1.112 | 1.017 |
| 136 | Dharamshala-L | 1.143 | 1.085 | 1.072 | 1.043 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.100 | 1.100 | 1.000 |
| 137 | Dharamshala-U | 1.014 | 1.025 | 1.021 | 1.035 | 1.040 | 1.021 | 1.004 | 1.004 | 1.009 | 1.023 | 1.041 | 1.019 | 1.009 |
| 138 | Digar | 2.035 | 1.984 | 1.825 | 1.610 | 1.287 | 1.777 | 1.167 | 1.164 | 1.318 | 1.374 | 1.802 | 2.181 | 1.422 |
| 139 | Dras | 2.338 | 2.395 | 1.292 | 1.113 | 1.052 | 1.104 | 1.103 | 1.123 | 1.114 | 1.111 | 1.286 | 2.285 | 1.325 |
| 140 | Durroo | 1.053 | 1.045 | 1.016 | 1.017 | 1.030 | 1.018 | 1.019 | 1.044 | 1.011 | 1.019 | 1.012 | 1.044 | 1.025 |
| 141 | Garhshankar | 1.059 | 1.088 | 1.057 | 1.292 | 1.159 | 1.032 | 1.014 | 1.016 | 1.017 | 1.147 | 1.143 | 1.059 | 1.031 |
| 142 | Gondhla | 2.290 | 1.724 | 1.223 | 1.058 | 1.023 | 1.095 | 1.076 | 1.062 | 1.028 | 1.057 | 1.128 | 2.190 | 1.353 |
| 143 | GS Nagar | 1.130 | 1.103 | 1.072 | 1.045 | 1.062 | 1.067 | 1.062 | 1.028 | 1.016 | 1.010 | 1.028 | 1.202 | 1.038 |
| 144 | Gulabgarh | 1.096 | 1.048 | 1.027 | 1.030 | 1.047 | 1.045 | 1.009 | 1.008 | 1.016 | 1.048 | 1.036 | 1.039 | 1.030 |
| 145 | Gulmarg | 1.292 | 1.194 | 1.025 | 1.017 | 1.017 | 1.014 | 1.017 | 1.017 | 1.014 | 1.009 | 1.020 | 1.238 | 1.076 |
| 146 | Gund | 1.120 | 1.049 | 1.025 | 1.014 | 1.019 | 1.027 | 1.028 | 1.018 | 1.014 | 1.015 | 1.023 | 1.060 | 1.029 |
| 147 | Gurez | 1.630 | 1.196 | 1.033 | 1.016 | 1.018 | 1.032 | 1.021 | 1.019 | 1.008 | 1.011 | 1.045 | 1.251 | 1.130 |
| 148 | Hamirpur | 1.028 | 1.042 | 1.045 | 1.084 | 1.064 | 1.033 | 1.009 | 1.010 | 1.011 | 1.047 | 1.067 | 1.023 | 1.018 |
| 149 | Handwara | 1.084 | 1.033 | 1.019 | 1.012 | 1.025 | 1.044 | 1.039 | 1.058 | 1.029 | 1.010 | 1.023 | 1.077 | 1.029 |
| 150 | Hoshiyarpur | 1.062 | 1.080 | 1.068 | 1.314 | 1.124 | 1.031 | 1.013 | 1.015 | 1.018 | 1.061 | 1.146 | 1.060 | 1.029 |
| 151 | Jammu | 1.052 | 1.036 | 1.041 | 1.063 | 1.104 | 1.048 | 1.011 | 1.010 | 1.015 | 1.090 | 1.081 | 1.020 | 1.022 |
| 152 | Janjehli | 1.135 | 1.052 | 1.024 | 1.022 | 1.022 | 1.013 | 1.009 | 1.013 | 1.011 | 1.043 | 1.044 | 1.060 | 1.020 |
| 153 | Jhungi | 1.036 | 1.029 | 1.023 | 1.031 | 1.024 | 1.015 | 1.009 | 1.013 | 1.015 | 1.037 | 1.046 | 1.029 | 1.017 |
| 154 | Jogindarnagar | 1.026 | 1.021 | 1.024 | 1.045 | 1.031 | 1.014 | 1.006 | 1.006 | 1.007 | 1.027 | 1.036 | 1.022 | 1.011 |
| 155 | Jubal | 1.072 | 1.039 | 1.034 | 1.043 | 1.034 | 1.028 | 1.015 | 1.017 | 1.020 | 1.052 | 1.047 | 1.062 | 1.029 |
| 156 | Junga | 1.024 | 1.027 | 1.035 | 1.066 | 1.041 | 1.018 | 1.010 | 1.013 | 1.012 | 1.036 | 1.059 | 1.039 | 1.019 |
| 157 | Kalka | 1.024 | 1.058 | 1.103 | 1.441 | 1.056 | 1.041 | 1.013 | 1.009 | 1.011 | 1.048 | 1.209 | 1.070 | 1.023 |
| 158 | Kandaghat | 1.028 | 1.030 | 1.034 | 1.068 | 1.057 | 1.032 | 1.010 | 1.014 | 1.016 | 1.046 | 1.135 | 1.037 | 1.022 |
| 159 | Kangra | 1.085 | 1.080 | 1.075 | 1.098 | 1.113 | 1.024 | 1.006 | 1.005 | 1.009 | 1.036 | 1.201 | 1.117 | 1.021 |
| 160 | Kargil | 2.132 | 1.893 | 1.118 | 1.073 | 1.069 | 1.221 | 1.132 | 1.166 | 1.243 | 1.047 | 1.163 | 1.778 | 1.431 |
| 161 | Karsog | 1.026 | 1.030 | 1.032 | 1.067 | 1.048 | 1.026 | 1.015 | 1.016 | 1.018 | 1.065 | 1.077 | 1.034 | 1.024 |
| 162 | Kasauli1 | 1.042 | 1.046 | 1.086 | 1.155 | 1.166 | 1.028 | 1.006 | 1.009 | 1.010 | 1.072 | 1.077 | 1.048 | 1.017 |
| 163 | Kasauli2 | 1.038 | 1.039 | 1.038 | 1.179 | 1.057 | 1.029 | 1.007 | 1.008 | 1.010 | 1.025 | 1.132 | 1.033 | 1.016 |
| 164 | Kasumpti | 1.034 | 1.036 | 1.034 | 1.059 | 1.039 | 1.020 | 1.010 | 1.011 | 1.011 | 1.039 | 1.059 | 1.041 | 1.019 |
| 165 | Kataula | 1.076 | 1.037 | 1.042 | 1.095 | 1.047 | 1.020 | 1.008 | 1.009 | 1.016 | 1.054 | 1.051 | 1.047 | 1.018 |
| 166 | Khadrala | 1.385 | 1.226 | 1.050 | 1.035 | 1.027 | 1.026 | 1.010 | 1.011 | 1.010 | 1.042 | 1.060 | 1.350 | 1.120 |
| 167 | Khalatse | 1.977 | 2.053 | 1.441 | 1.179 | 1.096 | 1.124 | 1.052 | 1.077 | 1.136 | 1.107 | 1.280 | 1.972 | 1.304 |
| 168 | Khangral | 2.056 | 1.901 | 1.826 | 1.430 | 1.149 | 1.460 | 1.058 | 1.258 | 1.060 | 1.153 | 2.005 | 2.117 | 1.446 |
| 169 | Kharar | 1.044 | 1.086 | 1.093 | 1.625 | 1.123 | 1.044 | 1.013 | 1.013 | 1.012 | 1.082 | 1.182 | 1.077 | 1.028 |
| 170 | Kilba | 1.413 | 1.197 | 1.039 | 1.030 | 1.039 | 1.121 | 1.055 | 1.057 | 1.032 | 1.056 | 1.045 | 1.123 | 1.099 |
| 171 | Kishtwar | 1.059 | 1.024 | 1.022 | 1.021 | 1.019 | 1.034 | 1.037 | 1.050 | 1.021 | 1.021 | 1.031 | 1.031 | 1.027 |
| 172 | Kokernagh | 1.075 | 1.044 | 1.024 | 1.022 | 1.022 | 1.031 | 1.035 | 1.048 | 1.026 | 1.027 | 1.031 | 1.053 | 1.033 |
| 173 | Koksar | 2.291 | 1.728 | 1.269 | 1.064 | 1.022 | 1.071 | 1.025 | 1.032 | 1.020 | 1.025 | 1.148 | 2.200 | 1.397 |
| 174 | Kotarh | 1.074 | 1.042 | 1.027 | 1.041 | 1.043 | 1.025 | 1.011 | 1.014 | 1.011 | 1.028 | 1.063 | 1.058 | 1.024 |
| 175 | Kothi | 1.766 | 1.173 | 1.066 | 1.044 | 1.022 | 1.037 | 1.015 | 1.010 | 1.015 | 1.020 | 1.048 | 1.224 | 1.116 |
| 176 | Kotkhai | 1.049 | 1.035 | 1.033 | 1.046 | 1.037 | 1.033 | 1.015 | 1.020 | 1.013 | 1.049 | 1.046 | 1.043 | 1.027 |
| 177 | Kukernag | 1.066 | 1.030 | 1.018 | 1.014 | 1.023 | 1.037 | 1.029 | 1.023 | 1.022 | 1.008 | 1.020 | 1.044 | 1.025 |
| 178 | Kulgam | 1.085 | 1.042 | 1.024 | 1.013 | 1.019 | 1.034 | 1.035 | 1.033 | 1.010 | 1.016 | 1.028 | 1.080 | 1.025 |
| 179 | Kulu | 1.028 | 1.018 | 1.021 | 1.022 | 1.041 | 1.061 | 1.028 | 1.029 | 1.027 | 1.119 | 1.043 | 1.037 | 1.029 |
| 180 | Kumarsain | 1.052 | 1.039 | 1.031 | 1.049 | 1.037 | 1.029 | 1.015 | 1.020 | 1.022 | 1.095 | 1.060 | 1.070 | 1.029 |
| 181 | Kyelong | 2.397 | 2.479 | 1.275 | 1.061 | 1.031 | 1.102 | 1.063 | 1.085 | 1.038 | 1.065 | 1.195 | 2.228 | 1.453 |
| 182 | Langet | 1.087 | 1.032 | 1.019 | 1.013 | 1.027 | 1.046 | 1.045 | 1.073 | 1.029 | 1.011 | 1.023 | 1.082 | 1.030 |
| 183 | Leh | 1.983 | 1.810 | 1.187 | 1.191 | 1.141 | 1.471 | 1.078 | 1.079 | 1.064 | 1.031 | 1.266 | 2.083 | 1.297 |
| 184 | Malashahibag | 1.058 | 1.036 | 1.030 | 1.021 | 1.030 | 1.036 | 1.038 | 1.034 | 1.026 | 1.019 | 1.022 | 1.044 | 1.032 |
| 185 | Malikpur | 1.015 | 1.031 | 1.028 | 1.044 | 1.089 | 1.024 | 1.009 | 1.007 | 1.008 | 1.059 | 1.048 | 1.019 | 1.015 |
| 186 | Mandi1 | 1.030 | 1.034 | 1.036 | 1.048 | 1.035 | 1.016 | 1.008 | 1.009 | 1.014 | 1.046 | 1.045 | 1.048 | 1.017 |
| 187 | Mandi2 | 1.038 | 1.033 | 1.038 | 1.055 | 1.042 | 1.020 | 1.008 | 1.009 | 1.013 | 1.047 | 1.061 | 1.045 | 1.017 |
| 188 | Mulbek | 1.978 | 1.915 | 1.836 | 1.419 | 1.388 | 1.332 | 1.192 | 1.396 | 1.311 | 1.200 | 1.862 | 2.078 | 1.687 |
| 189 | Nalagarh | 1.040 | 1.060 | 1.058 | 1.350 | 1.087 | 1.050 | 1.009 | 1.009 | 1.010 | 1.063 | 1.094 | 1.049 | 1.020 |
| 190 | Nawanshahr | 1.060 | 1.086 | 1.053 | 1.401 | 1.157 | 1.031 | 1.014 | 1.013 | 1.017 | 1.122 | 1.130 | 1.052 | 1.029 |
| 191 | Nichar | 1.084 | 1.047 | 1.033 | 1.034 | 1.033 | 1.064 | 1.031 | 1.026 | 1.026 | 1.042 | 1.053 | 1.062 | 1.039 |
| 192 | Nowshera | 1.031 | 1.035 | 1.040 | 1.090 | 1.073 | 1.050 | 1.014 | 1.013 | 1.020 | 1.029 | 1.073 | 1.053 | 1.026 |
| 193 | Nurpur | 1.015 | 1.049 | 1.029 | 1.062 | 1.132 | 1.038 | 1.008 | 1.006 | 1.010 | 1.022 | 1.119 | 1.020 | 1.015 |
| 194 | Palampur | 1.101 | 1.075 | 1.074 | 1.063 | 1.050 | 1.020 | 1.005 | 1.005 | 1.007 | 1.024 | 1.051 | 1.110 | 1.020 |
| 195 | Panamik | 2.010 | 1.868 | 1.276 | 1.163 | 1.118 | 1.138 | 1.059 | 1.070 | 1.122 | 1.069 | 1.306 | 1.860 | 1.264 |
| 196 | Panjain | 1.064 | 1.033 | 1.027 | 1.032 | 1.023 | 1.024 | 1.011 | 1.013 | 1.013 | 1.042 | 1.021 | 1.041 | 1.020 |
| 197 | Pathankot | 1.029 | 1.051 | 1.084 | 1.134 | 1.191 | 1.062 | 1.008 | 1.006 | 1.009 | 1.030 | 1.120 | 1.043 | 1.017 |
| 198 | Pendras | 2.138 | 1.947 | 1.905 | 1.965 | 1.884 | 1.307 | 1.225 | 1.168 | 1.288 | 1.479 | 1.872 | 2.088 | 1.878 |
| 199 | Phalgam | 1.093 | 1.052 | 1.031 | 1.025 | 1.028 | 1.022 | 1.025 | 1.022 | 1.020 | 1.015 | 1.027 | 1.070 | 1.031 |
| 200 | Poonch | 1.020 | 1.017 | 1.017 | 1.027 | 1.035 | 1.015 | 1.006 | 1.008 | 1.008 | 1.052 | 1.022 | 1.026 | 1.015 |
| 201 | Prang | 1.083 | 1.046 | 1.033 | 1.023 | 1.033 | 1.046 | 1.038 | 1.036 | 1.019 | 1.018 | 1.042 | 1.076 | 1.041 |
| 202 | Purbani | 1.404 | 1.211 | 1.049 | 1.034 | 1.041 | 1.154 | 1.123 | 1.133 | 1.050 | 1.134 | 1.067 | 1.129 | 1.143 |
| 203 | Qazi Gund | 1.039 | 1.023 | 1.014 | 1.017 | 1.019 | 1.021 | 1.025 | 1.034 | 1.010 | 1.013 | 1.017 | 1.027 | 1.021 |
| 204 | Rajdhani | 1.017 | 1.033 | 1.028 | 1.034 | 1.038 | 1.032 | 1.012 | 1.009 | 1.012 | 1.041 | 1.038 | 1.022 | 1.018 |
| 205 | Ramban | 1.022 | 1.019 | 1.022 | 1.025 | 1.031 | 1.058 | 1.022 | 1.026 | 1.018 | 1.037 | 1.048 | 1.018 | 1.024 |
| 206 | Ramnagar | 1.017 | 1.021 | 1.017 | 1.032 | 1.052 | 1.020 | 1.008 | 1.008 | 1.011 | 1.013 | 1.066 | 1.018 | 1.013 |
| 207 | Rampur | 1.043 | 1.034 | 1.034 | 1.038 | 1.046 | 1.043 | 1.018 | 1.018 | 1.019 | 1.045 | 1.069 | 1.057 | 1.029 |
| 208 | Riasi | 1.019 | 1.019 | 1.033 | 1.048 | 1.053 | 1.031 | 1.007 | 1.006 | 1.008 | 1.034 | 1.047 | 1.014 | 1.013 |
| 209 | Rohru | 1.050 | 1.028 | 1.027 | 1.052 | 1.041 | 1.025 | 1.017 | 1.016 | 1.013 | 1.041 | 1.054 | 1.053 | 1.026 |
| 210 | Rupanagar | 1.034 | 1.055 | 1.074 | 1.181 | 1.207 | 1.053 | 1.011 | 1.013 | 1.013 | 1.087 | 1.106 | 1.067 | 1.026 |
| 211 | Sangla | 1.157 | 1.075 | 1.051 | 1.046 | 1.040 | 1.101 | 1.048 | 1.049 | 1.033 | 1.084 | 1.075 | 1.147 | 1.073 |
| 212 | Sarkahat | 1.030 | 1.027 | 1.032 | 1.073 | 1.042 | 1.013 | 1.007 | 1.007 | 1.009 | 1.035 | 1.064 | 1.034 | 1.013 |
| 213 | Shillaru | 1.253 | 1.093 | 1.040 | 1.045 | 1.030 | 1.020 | 1.009 | 1.013 | 1.012 | 1.047 | 1.050 | 1.137 | 1.030 |
| 214 | Shimla | 1.042 | 1.049 | 1.038 | 1.059 | 1.037 | 1.015 | 1.009 | 1.012 | 1.010 | 1.034 | 1.076 | 1.056 | 1.018 |
| 215 | Shiquanhe1 | 2.264 | 2.678 | 2.241 | 1.723 | 1.520 | 1.203 | 1.063 | 1.062 | 1.183 | 1.310 | 2.121 | 2.022 | 1.347 |
| 216 | Shopian | 1.063 | 1.037 | 1.022 | 1.017 | 1.020 | 1.029 | 1.032 | 1.026 | 1.014 | 1.022 | 1.026 | 1.048 | 1.026 |
| 217 | Sogam | 1.102 | 1.038 | 1.020 | 1.013 | 1.023 | 1.038 | 1.028 | 1.023 | 1.022 | 1.009 | 1.026 | 1.079 | 1.031 |
| 218 | Solan | 1.027 | 1.031 | 1.027 | 1.081 | 1.045 | 1.019 | 1.010 | 1.012 | 1.013 | 1.041 | 1.052 | 1.029 | 1.019 |
| 219 | Sonemarg | 1.881 | 1.416 | 1.067 | 1.037 | 1.038 | 1.020 | 1.023 | 1.015 | 1.011 | 1.015 | 1.071 | 1.363 | 1.176 |
| 220 | Sopore | 1.144 | 1.033 | 1.023 | 1.016 | 1.031 | 1.062 | 1.065 | 1.063 | 1.021 | 1.012 | 1.032 | 1.137 | 1.033 |
| 221 | SR Sing | 1.033 | 1.034 | 1.055 | 1.102 | 1.085 | 1.039 | 1.011 | 1.014 | 1.014 | 1.098 | 1.809 | 1.022 | 1.023 |
| 222 | Srinagar | 1.075 | 1.035 | 1.027 | 1.022 | 1.031 | 1.036 | 1.045 | 1.038 | 1.026 | 1.018 | 1.029 | 1.048 | 1.034 |
| 223 | Sundarnagar | 1.031 | 1.029 | 1.033 | 1.067 | 1.036 | 1.017 | 1.009 | 1.011 | 1.012 | 1.063 | 1.046 | 1.046 | 1.018 |
| 224 | Suni Seoni | 1.029 | 1.035 | 1.035 | 1.055 | 1.049 | 1.024 | 1.011 | 1.019 | 1.018 | 1.057 | 1.070 | 1.032 | 1.024 |
| 225 | Tanda | 1.070 | 1.135 | 1.090 | 1.237 | 1.112 | 1.100 | 1.014 | 1.018 | 1.014 | 1.068 | 1.061 | 1.061 | 1.032 |
| 226 | Tangmarg | 1.163 | 1.062 | 1.028 | 1.016 | 1.024 | 1.034 | 1.044 | 1.024 | 1.022 | 1.016 | 1.033 | 1.076 | 1.037 |
| 227 | Tapoban | 1.512 | 1.198 | 1.069 | 1.058 | 1.063 | 1.047 | 1.018 | 1.021 | 1.026 | 1.013 | 1.128 | 1.296 | 1.061 |
| 228 | Theog | 1.063 | 1.036 | 1.032 | 1.040 | 1.033 | 1.022 | 1.012 | 1.018 | 1.015 | 1.087 | 1.061 | 1.054 | 1.026 |
| 229 | Tibri | 1.036 | 1.072 | 1.044 | 1.083 | 1.130 | 1.058 | 1.017 | 1.013 | 1.032 | 1.105 | 1.085 | 1.040 | 1.031 |
| 230 | Tral | 1.082 | 1.063 | 1.036 | 1.034 | 1.039 | 1.049 | 1.049 | 1.038 | 1.022 | 1.048 | 1.057 | 1.078 | 1.045 |
| 231 | T-K-I-H-Kung | 1.794 | 1.937 | 1.622 | 1.522 | 1.769 | 1.707 | 1.288 | 1.322 | 1.661 | 1.645 | 1.610 | 1.591 | 1.533 |
| 232 | Udhampur | 1.017 | 1.021 | 1.022 | 1.058 | 1.178 | 1.048 | 1.010 | 1.008 | 1.008 | 1.048 | 1.031 | 1.021 | 1.016 |
| 233 | Una | 1.038 | 1.060 | 1.052 | 1.112 | 1.115 | 1.052 | 1.010 | 1.010 | 1.015 | 1.052 | 1.094 | 1.047 | 1.022 |
| 234 | Uri | 1.035 | 1.023 | 1.018 | 1.024 | 1.020 | 1.022 | 1.021 | 1.017 | 1.010 | 1.019 | 1.018 | 1.033 | 1.022 |
| 235 | Uttamchipura | 1.824 | 1.542 | 1.136 | 1.025 | 1.018 | 1.028 | 1.017 | 1.017 | 1.017 | 1.015 | 1.139 | 1.852 | 1.215 |
| 236 | Vantipura | 1.072 | 1.043 | 1.031 | 1.026 | 1.031 | 1.036 | 1.047 | 1.041 | 1.022 | 1.020 | 1.033 | 1.068 | 1.036 |
| 237 | Verinagh | 1.065 | 1.025 | 1.017 | 1.017 | 1.014 | 1.026 | 1.022 | 1.025 | 1.011 | 1.011 | 1.029 | 1.038 | 1.021 |
| 238 | Arthal | 1.183 | 1.065 | 1.029 | 1.028 | 1.027 | 1.030 | 1.054 | 1.065 | 1.072 | 1.026 | 1.035 | 1.064 | 1.057 |
| 239 | Bhakra | 1.037 | 1.044 | 1.039 | 1.035 | 1.040 | 1.052 | 1.008 | 1.010 | 1.011 | 1.031 | 1.026 | 1.021 | 1.017 |
| 240 | Bunencha | 1.324 | 1.172 | 1.029 | 1.023 | 1.022 | 1.028 | 1.020 | 1.023 | 1.025 | 1.031 | 1.037 | 1.180 | 1.081 |
| 241 | Chingaon | 1.049 | 1.025 | 1.011 | 1.016 | 1.016 | 1.019 | 1.022 | 1.026 | 1.028 | 1.020 | 1.019 | 1.037 | 1.024 |
| 242 | Chitkul | 2.317 | 1.705 | 1.777 | 1.132 | 1.053 | 1.106 | 1.051 | 1.051 | 1.042 | 1.173 | 1.855 | 2.514 | 1.493 |
| 243 | Damini | 1.015 | 1.014 | 1.011 | 1.017 | 1.019 | 1.023 | 1.012 | 1.014 | 1.015 | 1.018 | 1.016 | 1.018 | 1.015 |
| 244 | Darabshala | 1.029 | 1.025 | 1.023 | 1.036 | 1.036 | 1.046 | 1.033 | 1.040 | 1.043 | 1.037 | 1.034 | 1.037 | 1.033 |
| 245 | Devigol | 1.285 | 1.110 | 1.030 | 1.029 | 1.029 | 1.036 | 1.023 | 1.027 | 1.029 | 1.053 | 1.053 | 1.133 | 1.067 |
| 246 | Dhamkund | 1.017 | 1.016 | 1.013 | 1.026 | 1.027 | 1.033 | 1.021 | 1.025 | 1.027 | 1.021 | 1.019 | 1.024 | 1.020 |
| 247 | Doda | 1.026 | 1.021 | 1.017 | 1.031 | 1.033 | 1.041 | 1.042 | 1.050 | 1.054 | 1.029 | 1.027 | 1.029 | 1.030 |
| 248 | Dusadudha | 1.281 | 1.108 | 1.032 | 1.030 | 1.030 | 1.038 | 1.022 | 1.026 | 1.028 | 1.043 | 1.044 | 1.121 | 1.063 |
| 249 | Gainta | 1.012 | 1.014 | 1.013 | 1.024 | 1.026 | 1.033 | 1.011 | 1.012 | 1.013 | 1.019 | 1.016 | 1.014 | 1.015 |
| 250 | Ghamroor | 1.038 | 1.042 | 1.037 | 1.042 | 1.047 | 1.061 | 1.008 | 1.009 | 1.010 | 1.042 | 1.038 | 1.035 | 1.018 |
| 251 | Harsur | 1.032 | 1.039 | 1.035 | 1.039 | 1.043 | 1.055 | 1.008 | 1.010 | 1.010 | 1.046 | 1.039 | 1.033 | 1.018 |
| 252 | Hawal | 1.416 | 1.283 | 1.049 | 1.027 | 1.024 | 1.025 | 1.025 | 1.030 | 1.033 | 1.022 | 1.043 | 1.291 | 1.099 |
| 253 | Inshan | 1.386 | 1.146 | 1.041 | 1.031 | 1.031 | 1.034 | 1.039 | 1.047 | 1.051 | 1.038 | 1.044 | 1.142 | 1.085 |
| 254 | Kahu | 1.034 | 1.041 | 1.036 | 1.027 | 1.030 | 1.039 | 1.010 | 1.012 | 1.013 | 1.031 | 1.026 | 1.021 | 1.019 |
| 255 | Kasol | 1.034 | 1.041 | 1.036 | 1.025 | 1.029 | 1.037 | 1.009 | 1.011 | 1.012 | 1.031 | 1.026 | 1.021 | 1.018 |
| 256 | Kati | 1.018 | 1.015 | 1.011 | 1.010 | 1.011 | 1.014 | 1.008 | 1.009 | 1.010 | 1.010 | 1.011 | 1.013 | 1.011 |
| 257 | Kaza | 1.910 | 2.370 | 1.792 | 1.086 | 1.046 | 1.077 | 1.036 | 1.039 | 1.047 | 1.114 | 1.644 | 1.749 | 1.480 |
| 258 | Kupwara | 1.072 | 1.138 | 1.015 | 1.015 | 1.019 | 1.021 | 1.019 | 1.024 | 1.017 | 1.013 | 1.020 | 1.067 | 1.027 |
| 259 | Larji | 1.026 | 1.026 | 1.023 | 1.030 | 1.032 | 1.042 | 1.017 | 1.020 | 1.021 | 1.033 | 1.029 | 1.031 | 1.025 |
| 260 | Lossar | 1.464 | 1.581 | 1.495 | 1.207 | 1.042 | 1.076 | 1.023 | 1.026 | 1.034 | 1.171 | 1.293 | 1.289 | 1.261 |
| 261 | Matsal | 2.140 | 2.322 | 2.063 | 1.713 | 1.099 | 1.044 | 1.068 | 1.080 | 1.110 | 1.430 | 1.816 | 2.008 | 1.751 |
| 262 | Mau | 2.037 | 2.076 | 1.128 | 1.045 | 1.027 | 1.029 | 1.036 | 1.043 | 1.048 | 1.028 | 1.095 | 1.752 | 1.322 |
| 263 | Mohu | 1.266 | 1.092 | 1.017 | 1.019 | 1.020 | 1.023 | 1.022 | 1.026 | 1.028 | 1.013 | 1.022 | 1.094 | 1.064 |
| 264 | Moorang | 1.496 | 1.360 | 1.070 | 1.057 | 1.069 | 1.211 | 1.103 | 1.100 | 1.065 | 1.159 | 1.108 | 1.202 | 1.170 |
| 265 | Namgia | 1.804 | 1.931 | 1.119 | 1.056 | 1.046 | 1.119 | 1.054 | 1.062 | 1.048 | 1.084 | 1.118 | 1.567 | 1.288 |
| 266 | Nandan | 1.046 | 1.027 | 1.012 | 1.014 | 1.016 | 1.017 | 1.006 | 1.007 | 1.007 | 1.014 | 1.012 | 1.026 | 1.013 |
| 267 | Ohli | 1.040 | 1.025 | 1.018 | 1.027 | 1.026 | 1.029 | 1.034 | 1.040 | 1.044 | 1.028 | 1.027 | 1.037 | 1.029 |
| 268 | Palmar | 1.045 | 1.029 | 1.022 | 1.028 | 1.027 | 1.029 | 1.030 | 1.036 | 1.039 | 1.023 | 1.029 | 1.030 | 1.030 |
| 269 | Pooh | 1.760 | 1.812 | 1.081 | 1.048 | 1.041 | 1.106 | 1.049 | 1.055 | 1.043 | 1.071 | 1.086 | 1.452 | 1.251 |
| 270 | Pouni | 1.016 | 1.019 | 1.017 | 1.024 | 1.026 | 1.032 | 1.005 | 1.006 | 1.006 | 1.024 | 1.020 | 1.017 | 1.011 |
| 271 | Rakchham | 2.265 | 1.663 | 1.234 | 1.062 | 1.041 | 1.104 | 1.049 | 1.048 | 1.034 | 1.078 | 1.243 | 2.363 | 1.364 |
| 272 | Rekenwas | 1.528 | 1.405 | 1.350 | 1.101 | 1.053 | 1.053 | 1.084 | 1.101 | 1.112 | 1.057 | 1.302 | 1.507 | 1.252 |
| 273 | Rot | 1.016 | 1.016 | 1.012 | 1.017 | 1.018 | 1.023 | 1.025 | 1.029 | 1.031 | 1.022 | 1.019 | 1.018 | 1.019 |
| 274 | Sain | 1.138 | 1.046 | 1.011 | 1.008 | 1.009 | 1.009 | 1.007 | 1.008 | 1.008 | 1.009 | 1.012 | 1.043 | 1.023 |
| 275 | Sainj | 1.026 | 1.021 | 1.018 | 1.023 | 1.025 | 1.033 | 1.017 | 1.020 | 1.021 | 1.033 | 1.029 | 1.032 | 1.022 |
| 276 | Salal | 1.012 | 1.015 | 1.013 | 1.022 | 1.024 | 1.030 | 1.010 | 1.012 | 1.012 | 1.020 | 1.017 | 1.015 | 1.014 |
| 277 | Sarkund | 1.351 | 1.123 | 1.050 | 1.032 | 1.033 | 1.036 | 1.056 | 1.067 | 1.073 | 1.035 | 1.048 | 1.115 | 1.079 |
| 278 | Shahpur-I | 1.029 | 1.035 | 1.032 | 1.031 | 1.035 | 1.045 | 1.008 | 1.010 | 1.011 | 1.039 | 1.034 | 1.029 | 1.017 |
| 279 | Sirshi | 1.048 | 1.030 | 1.020 | 1.025 | 1.023 | 1.025 | 1.027 | 1.032 | 1.035 | 1.029 | 1.028 | 1.040 | 1.029 |
| 280 | Sohal | 1.192 | 1.125 | 1.060 | 1.052 | 1.042 | 1.048 | 1.064 | 1.076 | 1.085 | 1.043 | 1.055 | 1.102 | 1.085 |
| 281 | Tandi | 2.285 | 1.715 | 1.197 | 1.076 | 1.040 | 1.056 | 1.053 | 1.062 | 1.070 | 1.038 | 1.120 | 2.165 | 1.390 |
| 282 | Thana | 1.312 | 1.107 | 1.024 | 1.031 | 1.031 | 1.035 | 1.069 | 1.082 | 1.090 | 1.030 | 1.035 | 1.113 | 1.100 |
| 283 | Tillar | 1.143 | 1.057 | 1.028 | 1.023 | 1.022 | 1.023 | 1.029 | 1.034 | 1.038 | 1.019 | 1.026 | 1.057 | 1.041 |
| 284 | Udaipur | 2.011 | 1.452 | 1.087 | 1.049 | 1.033 | 1.039 | 1.052 | 1.062 | 1.069 | 1.044 | 1.075 | 1.391 | 1.236 |
| 285 | Yurod | 1.175 | 1.076 | 1.040 | 1.037 | 1.038 | 1.044 | 1.043 | 1.052 | 1.057 | 1.042 | 1.042 | 1.077 | 1.060 |
| 286 | Asmar | 1.075 | 1.067 | 1.063 | 1.057 | 1.064 | 1.142 | 1.098 | 1.106 | 1.102 | 1.040 | 1.071 | 1.166 | 1.074 |
| 287 | Bamiyan | 1.959 | 2.112 | 1.297 | 1.080 | 1.062 | 1.149 | 1.466 | 1.172 | 1.063 | 1.093 | 1.139 | 1.852 | 1.295 |
| 288 | Darullaman | 1.292 | 1.426 | 1.050 | 1.069 | 1.159 | 1.427 | 1.366 | 1.339 | 1.272 | 1.132 | 1.078 | 1.175 | 1.186 |
| 289 | Gerdiz | 1.284 | 1.426 | 1.106 | 1.039 | 1.100 | 1.167 | 1.093 | 1.099 | 1.026 | 1.144 | 1.104 | 1.202 | 1.187 |
| 290 | Ghaziabad | 1.097 | 1.071 | 1.062 | 1.042 | 1.087 | 1.495 | 1.164 | 1.076 | 1.053 | 1.247 | 1.159 | 1.189 | 1.070 |
| 291 | Ghazni | 1.246 | 1.410 | 1.086 | 1.041 | 1.080 | 1.063 | 1.071 | 1.056 | 1.024 | 1.562 | 1.089 | 1.187 | 1.172 |
| 292 | Jabul Saraj | 1.156 | 1.113 | 1.080 | 1.063 | 1.143 | 1.569 | 1.534 | 1.833 | 1.352 | 1.165 | 1.089 | 1.088 | 1.106 |
| 293 | Jalalabad | 1.058 | 1.060 | 1.041 | 1.052 | 1.130 | 1.146 | 1.039 | 1.022 | 1.016 | 1.089 | 1.039 | 1.151 | 1.051 |
| 294 | Kabul AP | 1.289 | 1.219 | 1.081 | 1.050 | 1.127 | 1.345 | 1.208 | 1.282 | 1.154 | 1.246 | 1.079 | 1.115 | 1.131 |
| 295 | Karizmir | 1.248 | 1.349 | 1.049 | 1.028 | 1.137 | 1.302 | 1.320 | 1.516 | 1.200 | 1.142 | 1.056 | 1.147 | 1.142 |
| 296 | Khost | 1.086 | 1.061 | 1.063 | 1.049 | 1.070 | 1.080 | 1.035 | 1.041 | 1.044 | 1.107 | 1.092 | 1.080 | 1.056 |
| 297 | Laghman | 1.047 | 1.049 | 1.038 | 1.051 | 1.100 | 1.239 | 1.033 | 1.021 | 1.025 | 1.044 | 1.031 | 1.088 | 1.047 |
| 298 | Logar | 1.248 | 1.461 | 1.100 | 1.055 | 1.098 | 1.244 | 1.204 | 1.352 | 1.292 | 1.144 | 1.121 | 1.228 | 1.185 |
| 299 | Mirbachakot | 1.210 | 1.243 | 1.046 | 1.067 | 1.165 | 1.540 | 1.299 | 1.271 | 1.387 | 1.134 | 1.070 | 1.125 | 1.144 |
| 300 | Mokur | 1.271 | 1.385 | 1.053 | 1.074 | 1.118 | 1.017 | 1.028 | 1.020 | 1.007 | 1.079 | 1.145 | 1.177 | 1.170 |
| 301 | North Salang | 2.467 | 2.443 | 1.893 | 1.504 | 1.063 | 1.160 | 1.176 | 1.141 | 1.333 | 1.133 | 1.547 | 1.980 | 1.818 |
| 302 | Okak | 1.587 | 1.886 | 1.833 | 1.194 | 1.096 | 1.081 | 1.116 | 1.102 | 1.035 | 1.875 | 1.631 | 1.750 | 1.531 |
| 303 | Paghman | 1.383 | 1.565 | 1.056 | 1.041 | 1.167 | 1.407 | 1.406 | 1.494 | 1.232 | 1.174 | 1.048 | 1.126 | 1.216 |
| 304 | Pan Jao | 2.018 | 2.258 | 2.100 | 1.070 | 1.074 | 1.150 | 1.436 | 1.151 | 1.039 | 1.037 | 1.530 | 2.000 | 1.616 |
| 305 | Sarobi | 1.059 | 1.051 | 1.071 | 1.059 | 1.213 | 1.432 | 1.649 | 1.174 | 1.081 | 1.170 | 1.161 | 1.095 | 1.080 |
| 306 | South Salang | 1.377 | 1.593 | 1.259 | 1.079 | 1.143 | 1.466 | 1.527 | 1.484 | 1.633 | 1.155 | 1.206 | 1.504 | 1.322 |
| 307 | Zebak | 2.754 | 2.395 | 1.508 | 1.059 | 1.058 | 1.090 | 1.181 | 1.151 | 1.053 | 1.100 | 1.320 | 2.213 | 1.239 |
| 308 | Approach | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| 309 | Baltoro | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| 310 | Batura | 1.774 | 1.774 | 1.774 | 1.774 | 1.774 | 1.774 | 1.774 | 1.774 | 1.774 | 1.774 | 1.774 | 1.774 | 1.774 |
| 311 | Chong Kumdan | 2.756 | 2.756 | 2.756 | 2.756 | 2.756 | 2.756 | 2.756 | 2.756 | 2.756 | 2.756 | 2.756 | 2.756 | 2.756 |
| 312 | Chogolungma | 1.701 | 1.701 | 1.701 | 1.701 | 1.701 | 1.701 | 1.701 | 1.701 | 1.701 | 1.701 | 1.701 | 1.701 | 1.701 |
| 313 | Hispar Dome | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| 314 | Hispar East | 1.701 | 1.701 | 1.701 | 1.701 | 1.701 | 1.701 | 1.701 | 1.701 | 1.701 | 1.701 | 1.701 | 1.701 | 1.701 |
| 315 | Hispar West | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| 316 | Hispar Pass | 1.176 | 1.176 | 1.176 | 1.176 | 1.176 | 1.176 | 1.176 | 1.176 | 1.176 | 1.176 | 1.176 | 1.176 | 1.176 |
| 317 | Khurdopin | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| 318 | Nanga Parbat | 1.250 | 1.250 | 1.250 | 1.250 | 1.250 | 1.250 | 1.250 | 1.250 | 1.250 | 1.250 | 1.250 | 1.250 | 1.250 |
| 319 | Nun Kun North | 1.278 | 1.278 | 1.278 | 1.278 | 1.278 | 1.278 | 1.278 | 1.278 | 1.278 | 1.278 | 1.278 | 1.278 | 1.278 |
| 320 | Sentik | 2.210 | 2.210 | 2.210 | 2.210 | 2.210 | 2.210 | 2.210 | 2.210 | 2.210 | 2.210 | 2.210 | 2.210 | 2.210 |
| 321 | Siachin A | 3.066 | 3.066 | 3.066 | 3.066 | 3.066 | 3.066 | 3.066 | 3.066 | 3.066 | 3.066 | 3.066 | 3.066 | 3.066 |
| 322 | Siachin B | 2.901 | 2.901 | 2.901 | 2.901 | 2.901 | 2.901 | 2.901 | 2.901 | 2.901 | 2.901 | 2.901 | 2.901 | 2.901 |
| 323 | Siachin C | 2.360 | 2.360 | 2.360 | 2.360 | 2.360 | 2.360 | 2.360 | 2.360 | 2.360 | 2.360 | 2.360 | 2.360 | 2.360 |
| 324 | Siachin D | 1.877 | 1.877 | 1.877 | 1.877 | 1.877 | 1.877 | 1.877 | 1.877 | 1.877 | 1.877 | 1.877 | 1.877 | 1.877 |
| 325 | South Terong | 2.756 | 2.756 | 2.756 | 2.756 | 2.756 | 2.756 | 2.756 | 2.756 | 2.756 | 2.756 | 2.756 | 2.756 | 2.756 |
| 326 | Terong | 1.877 | 1.877 | 1.877 | 1.877 | 1.877 | 1.877 | 1.877 | 1.877 | 1.877 | 1.877 | 1.877 | 1.877 | 1.877 |
| 327 | Urdok | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| 328 | Whaleback | 1.419 | 1.419 | 1.419 | 1.419 | 1.419 | 1.419 | 1.419 | 1.419 | 1.419 | 1.419 | 1.419 | 1.419 | 1.419 |

Table S4. Runoff ratio (*Q/P*) and aridity index (*P/ ETp*) for different sub-basins. Qadj is the adjusted specific runoff, Puadj is uncorrected precipitation under this study or observational-basd estimated precipitation derived by Dahri et al. (2016), Padj denotes adjusted precipitation under this study and PcorI are the corrected precipitation estimates by Immerzeel et al. (2015).

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **S.#** | **River Basin** | **Puadj / ETp** | **Padj / ETp** | **PcorI / ETp** | **Qadj / Puadj** | **Qadj / Padj** | **Qadj / PcorI** |
| 1 | Gilgit at Gilgit | 1.371 | 1.853 | 3.189 | 1.245 | 0.921 | 0.535 |
| 2 | Hunza at Dainyor | 1.695 | 2.481 | 2.646 | 1.072 | 0.733 | 0.687 |
| 3 | Shigar at Shigar | 2.487 | 3.015 | 2.779 | 1.069 | 0.882 | 0.956 |
| 4 | Shyok at Yugo | 1.222 | 2.166 | 2.372 | 1.412 | 0.797 | 0.728 |
| 5 | Indus at Kharmong | 0.476 | 0.746 | 1.384 | 1.049 | 0.670 | 0.361 |
| 6 | Astore at Doyian | 1.646 | 2.277 | 1.962 | 1.200 | 0.868 | 1.007 |
| 7 | Indus at Tarbela Dam | 1.008 | 1.381 | 1.930 | 1.026 | 0.748 | 0.535 |
| 8 | Chitral at Chitral | 1.793 | 2.565 | 3.116 | 1.071 | 0.749 | 0.616 |
| 9 | Panjkora at Zulum Br. | 1.067 | 1.152 | 1.908 | 0.832 | 0.770 | 0.465 |
| 10 | Swat at Chakdara | 1.416 | 1.565 | 2.665 | 1.234 | 1.116 | 0.655 |
| 11 | Kabul at Warsak | 0.831 | 1.036 | 1.866 | 0.372 | 0.299 | 0.166 |
| 12 | Kabul at Nowshera | 0.910 | 0.960 | 1.798 | 0.623 | 0.591 | 0.315 |
| 13 | Jhelum at Mangla Dam | 1.401 | 1.577 | 1.553 | 0.698 | 0.620 | 0.630 |
| 14 | Chenab at Marala | 1.700 | 1.931 | 1.658 | 0.881 | 0.776 | 0.904 |
| 15 | Ravi at Thein Dam | 2.036 | 2.240 | 2.143 | 0.838 | 0.762 | 0.796 |
| 16 | Beas at Pong Dam | 2.096 | 2.216 | 1.734 | 0.632 | 0.598 | 0.764 |
| 17 | Sutlej at Bhakra Dam | 0.727 | 0.902 | 2.048 | 0.711 | 0.573 | 0.253 |

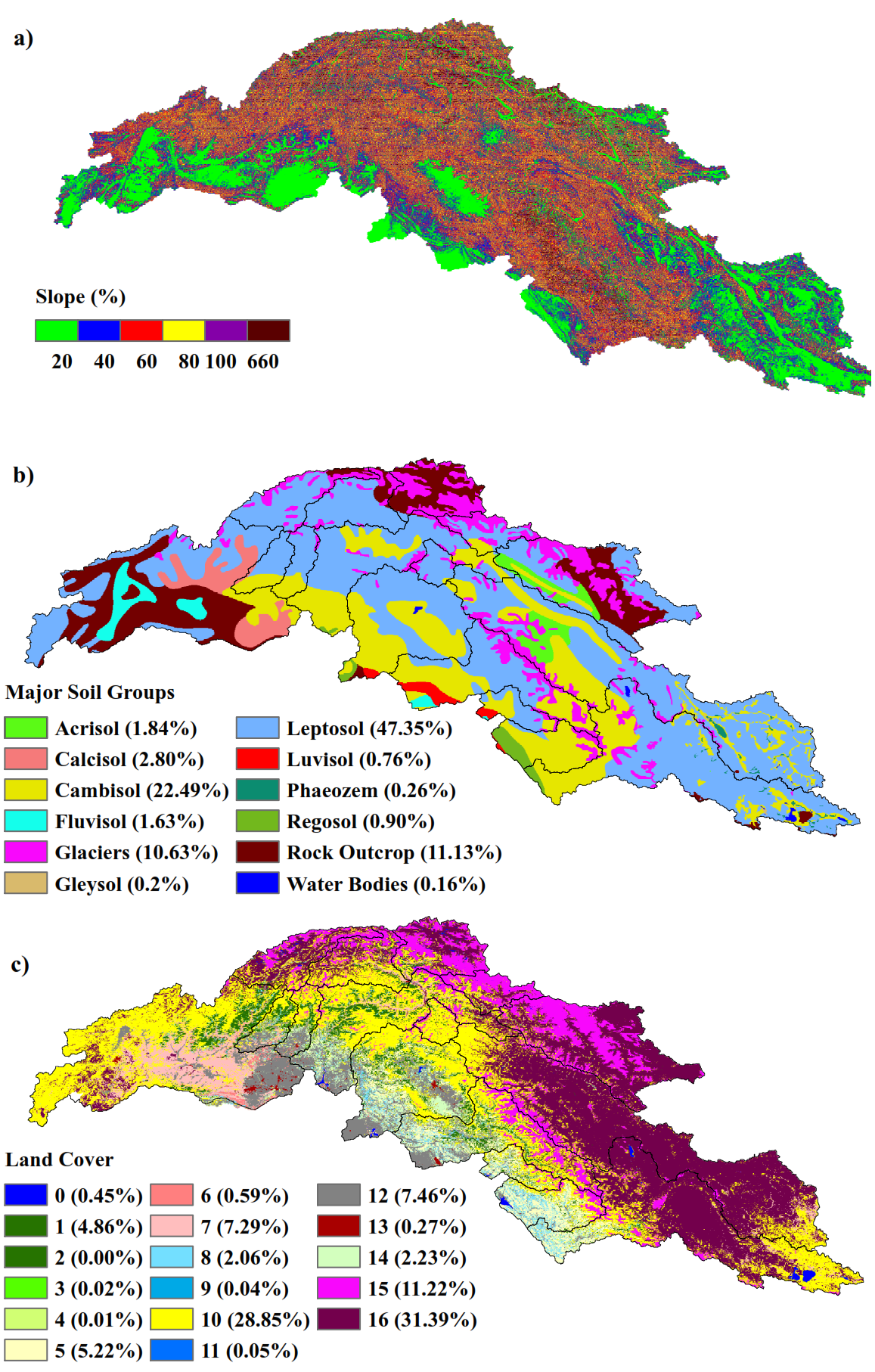


Figure S6. Slope (a), major soil groups (b) and land cover (c) in the study area. The class numbers in bottom figure (c) refer to the major land cover types given below. Soil types are derived from Fischer et al. (2008) dataset, while land cover types are derived from MODIS Land Cover type produc (MCD12Q1; Friedl et al 2010).

|  |  |
| --- | --- |
| Land Cover Class No. | Land Cover Type |
| 0 | Water Bodies |
| 1 | Evergreen Needleleaf Forest |
| 2 | Evergreen Broadleaf Forest |
| 3 | Deciduous Needleleaf Forest |
| 4 | Deciduous Broadleaf Forest |
| 5 | Mixed Forest |
| 6 | Closed Shrublands |
| 7 | Open Shrublands |
| 8 | Woody Savannas |
| 9 | Savannas |
| 10 | Grasslands |
| 11 | Permanent Wetlands |
| 12 | Croplands |
| 13 | Urban and Built-Up |
| 14 | Cropland/Natural Vegetation Mosaic |
| 15 | Snow and Ice |
| 16 | Barren or Sparsely Vegetated |

**References**

Aaltonen A, Elomaa E, Tuominen A, Valkovuori P. 1993. Measurement of precipitation, in: Proceedings of the Symposium on Precipitation and Evaporation, edited by: Sevruk B, Lapi M. Slovak Hydrometeorlogical Institute and Swiss Federal Institute of Technology, Bratislava, Slovakia, 42–46.

Adam JC, Lettenmaier DP. 2003. Adjustment of global gridded precipitation for systematic bias. J. Geophys. Res.,108, 4257, doi:10.1029/2002JD002499.

Ackere SV, Eetvelde GV, Schillebeeckx D, Papa E, Wyngene KV, Vandevelde L. 2015. Wind Resource Mapping Using Landscape Roughness and Spatial Interpolation Methods, Energies 2015, 8, 8682-8703; doi:10.3390/en8088682.

BIS. 1992a. IS 5225. 1992. Meteorology - Raingauge, non-recording [PGD 21: Meteorological Instruments], Bureau of Indian Standards, New Delhi.

BIS. 1992b. IS 5235. 1992. Meteorology - Raingauge, recording [PGD 21: Meteorological Instruments], Bureau of Indian Standards, New Delhi.

Bogdanova EG. 1969. A computation method of wind speed averages during rainfall (in Russian), Trans. Voyeykov Main Heophys. Observ., 244, 48-55.

Businger JA, Yaglom AM. 1971. Introduction to Obukhov’s paper ‘Turbulence in an atmosphere with a non-uniform temperature’. Bound.-Layer Meteor. 2, pp 3–6.

Dahri ZH, Ludwig F, Moors E, Ahmad B, Khan A, Kabat P. 2016. An appraisal of precipitation distribution in the high-altitude catchments of the Indus basin, Science of the Total Environment, 548–549: 289–306.

Fischer G, Nachtergaele F, Prieler S, van Velthuizen HT, Verelst L, Wiberg D. 2008. Global Agro-ecological Zones Assessment for Agriculture (GAEZ 2008). IIASA, Laxenburg, Austria and FAO, Rome, Italy.

Friedl, M. A., Sulla-Menashe, D., Tan, B., Schneider, A., Ramankutty, N., Sibley, A., and Huang, X. 2010. MODIS Collection 5 global land cover: Algorithm refinements and characterization of new datasets. Remote Sensing of Environment, 114, 168–182.

Immerzeel WW, Wanders N, Lutz AF, Shea JM, Bierkens MFP. 2015. Reconciling high altitude precipitation in the upper Indus Basin with glacier mass balances and runoff. Hydrol. Earth Syst. Sci. 19 (4673–4687), 2015. [http://dx.doi.org](http://dx.doi.org/)/[10.5194/](http://dx.doi.org/10.5194/hessd-12-4755-2015) [hessd-12-4755-2015.](http://dx.doi.org/10.5194/hessd-12-4755-2015)

Keli, W., Jia, S., Guodong, C., & Hao, J. (2011). Effect of altitude and latitude on surface air temperature across the Qinghai–Tibet Plateau. Journal of Mountain Science, 8, 808–816. https://doi.org/10.1007/s11629-011-1090-2.

Legates DR. 1987. A climatology of global precipitation, Publications in Climatology, 40 (l), 85 pp.

Mekonnen GB, Matula S, Dolez F, Fisak J. 2015. Adjustment to rainfall measurement under-catch with a tipping bucket rain gauge using ground-level manual gauges, Meteorol Atmos Phys (2015) 127:241–256, DOI 10.1007/s00703-014-0355-z.

Miehe, S., Cramer, T., Jacobsen, J.-P., Winiger, M., 1996. [Humidity conditions in the west-](http://refhub.elsevier.com/S0048-9697(16)30001-8/rf0385) [ern Karakoram as indicated by climatic data and corresponding distribution patterns](http://refhub.elsevier.com/S0048-9697(16)30001-8/rf0385) [of the montane and alpine vegetation. Erdkundi. 50, pp. 190–204.](http://refhub.elsevier.com/S0048-9697(16)30001-8/rf0385)

Obukhov AM.(1971. Turbulence in an atmosphere with a non-uniform temperature. Bound.-Layer Meteor. 2, 7–29.

Ren Z, Li M. 2007. Errors and correction of precipitation measurements in China, Adv. Atmos. Sci., 24, 449–458, doi:10.1007/s00376-007-0449-3.

Sevruk B, Klemm S. 1989. Catalogue of Standard Precipitation Gauges. Instruments and observing methods, Rep, vol. 39. World Meteorol. Org.,WMO, Geneva. WMO/TD No. 328, 52 pp.

Sevruk B. 1982. Methods of correction for systematic error in point precipitation measurement for operational use, in Oper. Hydrol. Rep. 21 Publ. 589, 91 pp.1982.

Stepek A, Wijnant IL. 2011. Interpolating wind speed normals from the sparse Dutch network to a high resolution grid using local roughness from land use maps, De Bilt, 2011 | Technical report; TR-321, Royal Netherlands Meteorological Institute.

WMO. 2014. Guide to Meteorological Instruments and Methods of Observation, WMO No. 8.

Wolff MA, Isaksen K, Petersen-Øverleir A, Ødemark K Reitan T. 2015. Derivation of a new continuous adjustment function for correcting wind-induced loss of solid precipitation: Results of a Norwegian field study,  [Hydrology and Earth System Sciences](https://www.researchgate.net/journal/1607-7938_Hydrology_and_Earth_System_Sciences) 19 (2): 951-967.

Yang D, Goodison BE, Ishida S. 1998. Adjustment of daily precipitation data at 10 climate stations in Alaska: Application of World Meteorological Organization intercomparison results, Water Resources Research, 34(2):241-256.

Yang D, Shi Y, Kang E, Zhang Y, Yang X. 1991. Results of solid precipitation measurement intercomparison in the Alpine area of Urumqi River basin, Chinese Sci. Bull., 36, 1105–1109.

Yang D. 1988. Research on analysis and correction of systematic errors in precipitation measurement in Urumqi River basin, Tianshan, PhD thesis, Lanzhou Institute of Glaciology and Geocryology, Chinese Academy of Sciences, Lanzhou, China, 169 pp.

Ye B, Yang D, Ding Y, Han T, Koike T. 2004. A bias-corrected precipitation climatology for China. Journal of Hydrometeorology 5 (6), 1147–1160, doi:10.1175/JHM-366.1.

Zhang Y, Ohata T, Yang D, Davaa G. 2004. Bias correction of daily precipitation measurements for Mongolia, Hydrol. Process., 18, 2991–3005, doi:10.1002/hyp.5745.

Keith Montgomery 2006 Variation in Temperature With Altitude and Latitude,   
Journal of Geography Volume 105, 2006 - Issue 3, <http://dx.doi.org/10.1080/00221340608978675>

Chuck Fahrer and Dan Harris 2004 LAMPPOST: A Mnemonic Device for Teaching Climate Variables, J of Geography, 103 (2), <http://dx.doi.org.ezproxy.library.wur.nl/10.1080/00221340408978579>

Channan, S., K. Collins, and W. R. Emanuel. 2014. Global mosaics of the standard MODIS land cover type data. University of Maryland and the Pacific Northwest National Laboratory, College Park, Maryland, USA. <http://www.landcover.org/data/lc/>

Adam JC, Lettenmaier DP. 2003. Adjustment of global gridded precipitation for systematic bias. J. Geophys. Res.,108, 4257, doi:10.1029/2002JD002499.

Goodison B E, Louie PYT, Yang D. 1998. WMO solid precipitation measurement intercomparison: Final report. Instruments and Observing Methods Rep. 67, WMO/TD-No. 872, World Meteorological Organization, Geneva, Switzerland.

Sevruk B. 1982. Methods of correction for systematic error in point precipitation measurement for operational use, in Oper. Hydrol. Rep. 21 Publ. 589, 91 pp.1982.

Wolff MA, Isaksen K, Petersen-Øverleir A, Ødemark K Reitan T. 2015. Derivation of a new continuous adjustment function for correcting wind-induced loss of solid precipitation: Results of a Norwegian field study,  [Hydrology and Earth System Sciences](https://www.researchgate.net/journal/1607-7938_Hydrology_and_Earth_System_Sciences) 19 (2): 951-967.

WMO, 2014. Guide to Meteorological Instruments and Methods of Observation, World Meteorological Organization, WMO-No.8.