

The Sahyadri GPS Database

Compiled by Mahesh Chengalva, Ph.D.
(E-mail: DrChengalva@hotmail.com)

The latest version of this document is available at:
<http://www.geocities.com/DrChengalva>

(The online version of this document that is to be found at the above website is the most up-to-date version, with additions being constantly made. Unless you have downloaded this document recently, it is recommended that you download the latest version, instead of using this one)

This document is a compilation of an extensive set of GPS readings contributed by various individuals, made at considerable time and effort. It is being provided to you for free. You can freely copy this file, e-mail it to other hikers, or print out copies for distribution. As is the convention with any technical publication, you must state the source of the document (website address provided above) if you use information contained here in a publication, document, website, etc., whether it is in electronic or physical form. Also, you agree that by downloading this document, you are promising to do your utmost to promote responsible hiking among all individuals you may come in contact with.

Background Information:

The position of any point on the planet can be described in terms of Latitude and Longitude, together referred to as GPS Coordinates. Both these are expressed in degrees. For example, the highest point in Harishchandragad has the GPS Coordinates 19.38685 degrees North as latitude and 73.77917 degrees East as longitude. This is commonly denoted as (19.38685 N, 73.77917 E).

Note that both latitude and longitude are expressed to the fifth place after the decimal. This corresponds to a resolution of about 1 meter in locating points on the surface of the earth. To illustrate this better, the points 19.38685 N and 19.38686 N, which differ only in the last point of decimal, are separated by about 1.11 meters along the North-South axis. A similar difference in longitude corresponds to a separation of 1.05 meters along the East-West axis.

A GPS receiver can find its position anywhere on the surface of the earth to an accuracy of within 15 feet or 5 meters. In other words, if you mark a spot during your hike using your GPS receiver, anyone else having the GPS coordinates of that spot can get to within 15 feet of the location. This powerful navigation tool is therefore an invaluable aid to hiking. The coordinates of points provided in this document have been obtained either by direct measurement or by using detailed satellite imaging.

The coordinate system expressed as shown earlier is referred to as the Decimal system. However, there are two other systems that are in use. One of these is the Conventional system, where latitude and longitudes are expressed in degrees, minutes and seconds. For example, the same coordinates of the summit of Harishchandragad can be expressed using the conventional system as 19 degrees 23 minutes 13 seconds North and 73 degrees 46 minutes 45 seconds East. Note that 60 seconds make a minute and 60 minutes make a degree. The conversion can easily be made using a calculator.

Another coordinate system is the Mixed system where coordinates are expressed in degrees and minutes only. For the above example, the latitude would be 19 degrees 23.217 minutes North latitude. As can be seen, the Decimal system is a much more convenient system to work with. For this reason, all data are provided here only in the Decimal system.

A Note on Contributions:

The data shown below is marked as being obtained from one of two means. If it is indicated as “measured”, it means that someone actually took these readings with a GPS receiver. The accuracy of such readings is usually very high, within 15 feet or 5 meters in most cases. If the source is indicated as “contributed”, the data has been obtained by other means, such as Survey Maps, satellite imagery, or other indirect means. Such data is only as accurate as the resolution of the map and the accuracy with which the data was extracted.

If you have data to add to this document, please send it by e-mail to DrChengalva@hotmail.com. The first contributor will be acknowledged here. If you have actually measured GPS data for any of the Sahyadri peaks listed below, then it will replace any contributed data shown here.

The following listing is in alphabetical order

ALANG

(contributed by Mahesh Chengalva)

Summit:

19.58268 N, 73.66229 E, elevation: 4852 feet (1479 meters)

CHANDERI

(contributed by Mahesh Chengalva)

Summit:

19.06369 N, 73.24495 E, elevation: 2605 feet (794 meters)

CHAVAND

(contributed by Sachin Joshi)

Summit:

19.23500 N, 73.75083 E, elevation: 3240 feet (988 meters)

DHAK

(contributed by Mahesh Chengalva)

Summit:

18.90093 N, 73.40618 E, elevation: 2326 feet (709 meters)

DUKE'S NOSE (NAGPHANI)

GPS map available at <http://www.geocities.com/DrChengalva>

(GPS measurement by Mahesh Chengalva)

Summit:

18.74166 N, 73.35928 E, elevation: 2648 feet (807 meters)

GHANCHAKKAR

(contributed by Mahesh Chengalva)

Summit:

19.47540 N, 73.75065 E, elevation: 5037 feet (1535 meters)

HADSAR

(contributed by Sachin Joshi)

Summit:

19.26806 N, 73.80500 E, elevation: 4680 feet (1426 meters)

HAJI MALANG

(contributed by Mahesh Chengalva)

Summit:

19.11993 N, 73.17489 E, elevation: 2589 feet (789 meters)

HARISHCHANDRAGAD

GPS map available at <http://www.geocities.com/DrChengalva>

(GPS measurement by Navin Verma)

Taramati Summit:

19.38685 N, 73.77917 E, elevation: 4695 feet (1431 m)

Rohidas Summit:

19.38646 N, 73.77667 E, elevation: 4634 feet (1412 m)

Balekilla (Citadel):

19.39146 N, 73.79377 E, elevation: 4560 feet (1390 m)

IRSHAL

(contributed by Mahesh Chengalva)

Summit:

18.93480 N, 73.23267 E

JIVDHAN

(contributed by Sachin Joshi)

Summit:

19.27417 N, 73.68944 E, elevation: 3749 feet (1143 meters)

KALSUBAI

(contributed by Mahesh Chengalva)

Summit:

19.59839 N, 73.70586 E, elevation: 5404 feet (1647 meters)

KANHERI CAVES

(contributed by Mahesh Chengalva)

Center:

19.20731 N, 72.90634 E

KARLA CAVES

(contributed Mahesh Chengalva)

Main Cave:

18.78590 N, 73.48122 E

KARNALA

(contributed by Mahesh Chengalva)

Summit:

18.89386 N, 73.12540 E, elevation: 1541 feet (470 meters)

KENJALGAD

(contributed by Sachin Joshi)

Summit:

18.02444 N, 73.74527 E, elevation: 4275 feet (1303 meters)

KULANG

(contributed by Mahesh Chengalva)

Summit:

19.58982 N, 73.64112 E, elevation: 4831 feet (1472 meters)

LONAR CRATER

GPS map available at <http://www.geocities.com/DrChengalva>

(GPS measurement by Mahesh Chengalva)

Official Crater Marker on rim:

19.97905 N, 76.51725 E, elevation: 1972 feet (601 meters)

LOHGAD

GPS map available at <http://www.geocities.com/DrChengalva>

(GPS measurement by Mahesh Chengalva)

Summit:

18.70963 N, 73.47695 E, elevation: 3406 feet (1038 meters)

MADANGAD

(contributed by Mahesh Chengalva)

Summit:

19.58913 N, 73.64949 E, elevation: 4849 feet (1478 meters)

MAHULI

(contributed by Mahesh Chengalva)

Summit:

19.48545 N, 73.24977 E, elevation: 2776 feet (846 meters)

MANIKGAD

(GPS measurement by Chetan Doshi)

Summit:

18.822203 N, 73.220324 E, elevation: 1352 feet (412 meters)

MATHERAN

(GPS measurements by Mahesh Chengalva)

Lousia Point:

18.98766 N, 73.25591 E

Porcupine (Sunset) Point:

19.00155 N, 73.26225 E

One Tree Hill Point:

18.96336 N, 73.26333 E

Echo Point:

18.98627 N, 73.26105 E

Chauk Point:

18.96011 N, 73.26577 E

Matheran Railway Station:

18.99001 N, 73.27055 E

Hospital:

18.98152 N, 73.26866 E

Charlotte Lake Dam (North end):

18.98111 N, 73.26161 E

Car Park in Matheran (at end of Neral road):

19.00332 N, 73.28555 E

Race Course (Center)

18.97007 N, 73.26671 E

VHP Temple below Lousia Point

18.99283 N, 73.25428 E

Panaroma Point

19.01827 N, 73.27987 E

Simpson Tank

19.00439 N, 73.28243 E

Alexandra Point

18.97661 N, 73.27227 E

Garbut Point

18.98455 N, 73.28920 E

Neral Railway Station:

19.02686 N, 73.31827 E

Jumapatti Railway Station:

19.00178 N, 73.30297 E

NANEGHAT

(contributed by Mahesh Chengalva)

Highest point of pass:

19.29729 N, 73.68650 E

PANDAVGAD

(contributed by Sachin Joshi)

Summit:

17.99722 N, 73.86333 E, elevation: 4170 feet (1271 meters)

PAVNA LAKE DAM

(contributed Mahesh Chengalva)

Center:

18.67628 N, 73.49629 E, elevation: 2020 feet (616 meters)

PEB

(contributed by Mahesh Chengalva)

Summit:

19.03077 N, 73.27869 E, elevation: 1549 feet (472 meters)

PETH

(contributed by Sachin Joshi)

Summit:

18.99139 N, 73.51306 E, elevation: 1541 feet (469 meters)

PRABAL

(contributed by Mahesh Chengalva)

Summit:

18.97120 N, 73.22381 E, elevation: 2324 feet (708 meters)

PRATAPGAD

(GPS measurement by Mahesh Chengalva)

Summit:

17.94194 N, 73.60611 E, elevation: 4549 feet (1387 meters)

PURANDAR

(contributed by Sachin Joshi)

Summit:

18.27611 N, 73.97028 E, elevation: 4554 feet (1388 meters)

RAIGAD

(GPS measurement by Mahesh Chengalva)

Upper Ropeway Station:

18.23196 N, 73.44048 E, elevation: 2711 feet (826 meters)

RAJGAD

(contributed by Sachin Joshi)

Summit:

18.24417 N, 73.68250 E, elevation: 4510 feet (1375 meters)

RAJMACHI

(GPS measurement by Chetan Doshi)

Summit:

18.821460 N, 73.39428 E, elevation: 2011 feet (613 meters)

SAJJANGAD

(contributed by Sachin Joshi)

Summit:

17.64889 N, 73.91250 E

SHIROTA LAKE DAM

(contributed Mahesh Chengalva)

Summit:

18.80958 N, 73.48020 E, elevation: 2120 feet (646 meters)

SINHAGAD

(contributed by Sachin Joshi)

Summit:

18.36472 N, 73.75500 E, elevation: 4325 feet (1318 meters)

SUDHAGAD

(contributed by Sachin Joshi)

Summit:

18.53722 N, 73.32361 E, elevation: 2025 feet (617 meters)

TAVLI

(contributed by Mahesh Chengalva)

Summit:

19.13582 N, 73.19854 E, elevation: 2560 feet (780 meters)

TELBAILA

GPS map available at <http://www.geocities.com/DrChengalva>
(GPS measurement by Mahesh Chengalva)

Summit:

18.56258 N, 73.33503 E, elevation: 2728 feet (832 meters)

TIKONA

(contributed by Sachin Joshi)

Summit:

18.62944 N, 73.51500 E, elevation: 3570 feet (1088 meters)

TORNA

(contributed by Sachin Joshi)

Summit:

18.27500 N, 73.62361 E, elevation: 4612 feet (1406 meters)

TUNGI

(contributed by Sachin Joshi)

Summit:

18.65861 N, 73.46306 E, elevation: 3531 feet (1076 meters)

VALVAN DAM

(contributed by Mahesh Chengalva)

Center:

18.76570 N, 73.43065 E, elevation: 2075 feet (633 meters)

VISAPUR

GPS map available at <http://www.geocities.com/DrChengalva>
(GPS measurement by Mahesh Chengalva)

Summit:

18.72213 N, 73.49066 E, elevation: 3561 feet (1085 meters)

