INDIA WATER SYSTEMS ATLAS

PUNJAB

— GROUNDWATER + SURFACE WATER —

ABRIDGED VOLUME

"Rainfall is an input. Water availability is a system outcome."

Water outcome = Geomorphology × Soil × Lithology

- GROUNDWATER SYSTEMS
- RAINFALL & RECHARGE
- GEOLOGY & AQUIFERS
- RIVERS & BASINS
- RESERVOIRS, IRRIGATION & AGRICULTURE
- URBAN & RURAL WATER SYSTEMS
- ECOLOGY & LANDSCAPES
- DATA, INTELLIGENCE & DECISION SUPPORT



Evidence, intelligence and insights for water-secure, resilient and sustainable development of Punjab.

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G.L. Sudhakar
WATER INTELLIGENCE

Contents

Author's note 3
The Proposition 3
How This Volume Is Built 4
The Thirty-Domain Frame 5
The District Plate 7
The Nodes 9
N1 Amritsar 10
N2 Jalandhar 11
N3 Ludhiana 12
N4 Bathinda 13
N5 Patiala 14
N6 S.A.S. Nagar 15
The Clusters 15
C1 Majha 16
C2 Doaba 20
C3 Malwa 24
C4 Puadh 35
Agricultural Water 39
Groundwater 2025 40
Rainfall 41
Groundwater Quality 41
Stations 42
What the Map Draws 96
What Stays Open 99
The Close 100
References 100

Author's note

This page asks how Punjab water can be known without pretending that unobserved parts are known.

Conversion is asked, not scored. There is no statewide water-security number.

CGWB groundwater figures for 2025 are loaded where the PDF name matches the register. Three districts stay empty.

A state total is not split onto districts. Two official lists stay two lists.

Malerkotla is named and not drawn. Sangrur is not used in its place.

Four tracts and six nodes are named. They are not scores and they hold no figures.

This volume is the abridged reading of the Punjab page. It prints a figure only where that page already holds it. Crop by groundwater is not in it. A download that was parked and not joined is not promoted here.

The Proposition

Punjab, as this volume can show it, is an account of official tables read through four tracts and six nodes. The tracts are architecture, not a rank and not a measurement. The nodes hold no figure. There is no statewide water-security score.

The groundwater account is the Central Ground Water Board's Ground Water Resource Assessment 2025, Annexure II, in hectare-metre. Where the printed name matches the register, recharge, extractable resource, extraction and stage are kept. The printed state total is recharge 1,859,769.49 hectare-metre, extractable resource 1,679,943.44 hectare-metre, extraction 2,626,761.47 hectare-metre, and stage 156.36 percent. Irrigation extraction on the state row is 2,489,099.4 hectare-metre. That row is statewide. It is not divided onto a district, and it is not a crop share.

Twenty districts join. Three do not. The annexure prints Firozpur, SBS Nagar and Muktsar. The register names are Ferozepur, Shahid Bhagat Singh Nagar and Sri Muktsar Sahib. The spellings are not aliased. Those master rows stay empty, including irrigation extraction.

Agricultural water is the use this volume can follow furthest. The Directorate of Economics and Statistics land-use report for crop year 2024-2025 prints it in hectares. Punjab net irrigated area is 4,001,128 hectares. Gross irrigated area is 7,690,681 hectares. Canal net area is 936,491 hectares. Tubewell net area is 3,064,637 hectares. Gross canal area is 1,194,143 hectares. Gross tubewell area is 6,496,538 hectares. Rice area is 3,247.958 thousand hectares, and rice irrigated area is 3,237,931 hectares. Wheat area is 3,511.997 thousand hectares, and wheat irrigated area is 3,482,104 hectares. Sugarcane area is 88.327 thousand hectares, and sugarcane irrigated area is 86,038 hectares. Maize irrigated is 60,587 hectares. Cotton irrigated is 160,540 hectares. Rapeseed and mustard irrigated is 39,799 hectares. Fodder irrigated is 400,140 hectares.

These are areas. Canal hectares are not a command area. Tubewell hectares are not a percent share. The crop-irrigated report is irrigated area by crop, not crop by source of water. A ratio of rice area to tubewell area is not computed. Crop by groundwater stays open. Private canal, tank, other well and other source are not printed on the 2024-2025 district rows, and they are not filled here as zero.

A second publication, Land Use Statistics at a Glance 2024-25, Tables 5, 6 and 7, is the Punjab state total in thousand hectares: geographical area 5,036, reporting area 5,040, net area sown 4,103, gross cropped area 8,139,

net irrigated 4,001, gross irrigated 7,691, canals 936, tube-wells 3,065. That total is not written onto a district. Table 6 for 2020-21 and 2021-22 stays unplaced. This volume does not force the glance totals and the district web report into one cell.

Rainfall is the Economic and Statistical Organisation table, 1970 to 2021, in millimetres. T0 is the 2021 column. The Punjab row is 556.9 mm. It is not written onto a district. Nineteen districts join. Pathankot and Fazilka are NA. Malerkotla is not in the file. S.A.S Nagar joins SAS Nagar because the letters are the same. SBS Nagar does not join Shahid Bhagat Singh Nagar.

Seventeen joined districts print a stage of extraction at or above 100. They are listed later by the printed percent. The percent is not painted on the district polygon. Amritsar, the host district of node N1, prints recharge 139,004.6 hectare-metre, stage 160.33 percent, and irrigation extraction 188,994.67 hectare-metre. Those are district figures. The node does not hold them.

How This Volume Is Built

The order is the order of the atlas. The author's note asks how the water can be known without pretending the unobserved parts are known. The nodes come before the tracts only so the reader starts where the register places a city. The tract then supplies the company that city keeps. A node is one parent tract. It is not a district meter.

The register has twenty-three districts. The polygon file has twenty-two. Malerkotla is the opening: the name is on the register, the geometry is open, and no local-government directory code is written until a polygon and a code arrive together. Sangrur is not used in its place. Clusters sum to twenty-three: Majha four, Doaba four, Malwa eleven, Puadh four. The three-region cultural list, which keeps the Puadh four inside Malwa, stays beside the four-tract list. Neither list is dropped. No tehsil is split into its own district.

C1 Majha

Ravi to Beas - Upper Bari Doab

Water is lived between the Ravi and the Beas, on the Upper Bari Doab. Four districts, each whole. The city is a node, not the tract.

The three-region cultural list names the same four districts Majha.

Districts, whole: Amritsar, Gurdaspur, Pathankot, Tarn Taran.

C2 Doaba

Beas to Sutlej - Bist Doab

Water is lived between the Beas and the Sutlej, on the Bist Doab. Hoshiarpur stays one district, Shivalik edge included.

The three-region cultural list names the same four districts Doaba.

Districts, whole: Hoshiarpur, Jalandhar, Kapurthala, Shahid Bhagat Singh Nagar.

C3 Malwa

South of the Sutlej - canal and tubewell plain

Water is lived south of the Sutlej on the canal and tubewell plain. Eleven districts share the tract and do not share one meter. Malerkotla is named in this tract and is not drawn.

The three-region cultural list also places Fatehgarh Sahib, Patiala, Rupnagar and S.A.S Nagar in Malwa. Those four are C4 here. Both lists are kept.

Districts, whole: Barnala, Bathinda, Faridkot, Fazilka, Ferozepur, Ludhiana, Malerkotla, Mansa, Moga, Sangrur, Sri Muktsar Sahib.

C4 Puadh

Sutlej exit from the Shivalik, and the Ghaggar side

Water is lived where the Sutlej leaves the Shivalik and the Ghaggar system takes the eastern districts. No district is split to reconcile this with the three-region cultural list, which still calls these four Malwa.

Three-region cultural list: these four districts are called Malwa. Kept, not overwritten.

Districts, whole: Fatehgarh Sahib, Patiala, Rupnagar, S.A.S Nagar.

Six nodes, one parent each: N1 Amritsar in Majha, N2 Jalandhar in Doaba, N3 Ludhiana in Malwa, N4 Bathinda in Malwa, N5 Patiala in Puadh, N6 S.A.S. Nagar in Puadh. Chandigarh is not a Punjab node. A node dot on the map is the centroid of the host-district polygon already on file. It is not a surveyed city point, and no node figure is stored.

The tract sentences use the names Sutlej and Ghaggar. The drawn river lines use the published names, including Satluj River and Ghagghar. This volume does not treat those pairs as a join, and it does not attach a quality sample to a river by softening the name. A river name is attached only when the station's river column equals a clipped river name.

The Thirty-Domain Frame

The architecture carries 30 domains and 264 coded rows. Master measurement rows on this pack are 80 groundwater rows, plus the rainfall, quality and crop rows the page already counts. A code without a printed Punjab figure stays empty. The thirty names below are the frame. The sentence under each name says only what this volume does with it.

1. Climate System

Climate is carried here as CL-001, average annual rainfall, for 2021, where the printed district name matches the register. Nineteen districts have that cell. The Punjab row, 556.9 mm, stays the state total. Other climate codes are not filled.

2. Glacier & Snowmelt

Glacier and snowmelt applicability is coded N. No snowmelt volume is written on a district.

3. Geology & Geomorphology

No geomorphology or lithology figure is written on a district. The aquifer plate is a dissolved formation polygon, not a geology score.

4. River System

The river plate is the national river network clipped to the 22 district polygons. A line is not a quality stretch. The published line Satluj River is not rewritten as Sutlej, and Ghagghar is not rewritten as Ghaggar. Drains stay under their published names.

5. Flood System

No floodplain polygon is loaded. A river-level reading is not a flood class.

6. Dam & Reservoir

Fifteen dam points fall inside the 22 polygons and are drawn. Sixteen reservoir outlines carry the PIC prefix PB. A dam point is not automatically the reservoir. Shahpur Kandi is tagged Punjab and falls outside, so it is not drawn. Live storage is not written. A water-spread polygon is not a volume.

7. Groundwater System

Groundwater 2025 is Annexure II in hectare-metre, T0 only, where the PDF name matches the register: twenty districts and eighty master rows. The printed state total is not split. Ferozepur, Shahid Bhagat Singh Nagar and Sri Muktsar Sahib stay empty.

8. Aquifer System

Three principal-aquifer formations are drawn, dissolved by name: Alluvium, Sandstone and Unclassified. A formation polygon is not a district stock of water.

9. Borewell & Tubewell

Tubewell hectares on the 2024-2025 land-use report are an area. They are not a count of borewells and not a percent share.

10. Water Quality

Quality on the master is the 2021 station-mean total dissolved solids where a district has a sample above zero: eighteen districts. The station points are a separate plate. A mean is not painted on a district. No quality index is computed. 2018 zeros are not used.

11. Soil System

No soil figure is written on a district.

12. Agriculture System

Agriculture on the master is rice, wheat and sugarcane area in thousand hectares, T0, for the districts whose printed name joined. Maize, cotton, rapeseed and fodder irrigated hectares are shown from the same reports and are not given a new parameter code.

13. Irrigation System

Canal hectares and tubewell hectares are printed areas. They are not canal command, not groundwater irrigation share, and not irrigation coverage. Gate discharge in cusec is not those codes, and the gates are not added together.

14. Water Consumption

No consumption volume is written. Drinking litres delivered stay open.

15. Urbanization System

Six nodes name the cities where the register asks for an urban reading. A node holds no figure. The host district's figures stay the district's.

16. Water Body System

Water spread is Phase I and Phase II Punjab: twelve polygons. Lakes are kept. Every other published type is kept only when the published area is at least 100 hectares. Phase II wins on the same uuid. Ratolan stays with the published district Malerkotla, with no LGD and no join onto Sangrur.

17. Forest System

No forest figure is written on a district.

18. Ecology & Biodiversity

No ecology figure is written. Ecological water requirement stays open.

19. Coastal System

No coastal figure is on this register.

20. Population & Settlement

No population figure is loaded. A per-person water index is not computed.

21. Sanitation & Health

No sanitation figure is written.

22. Industry & Energy

No industrial withdrawal is written. The Ludhiana node is not an industrial withdrawal. A gate reading is not an energy figure.

23. Economic System

No economic figure is written.

24. Governance System

No Punjab action register is loaded. A scheme is not named in this volume.

25. Disaster System

No disaster figure is written. A water level is not a flood class.

26. Food Security System

Crop area is not a food destination. Procurement, movement, consumption and nutrition stay open.

27. Livelihood System

No livelihood figure is written.

28. Ancient & Traditional Water

No village-pond or traditional-tank point layer is loaded. The water-spread plate is not that layer.

29. Interstate Water System

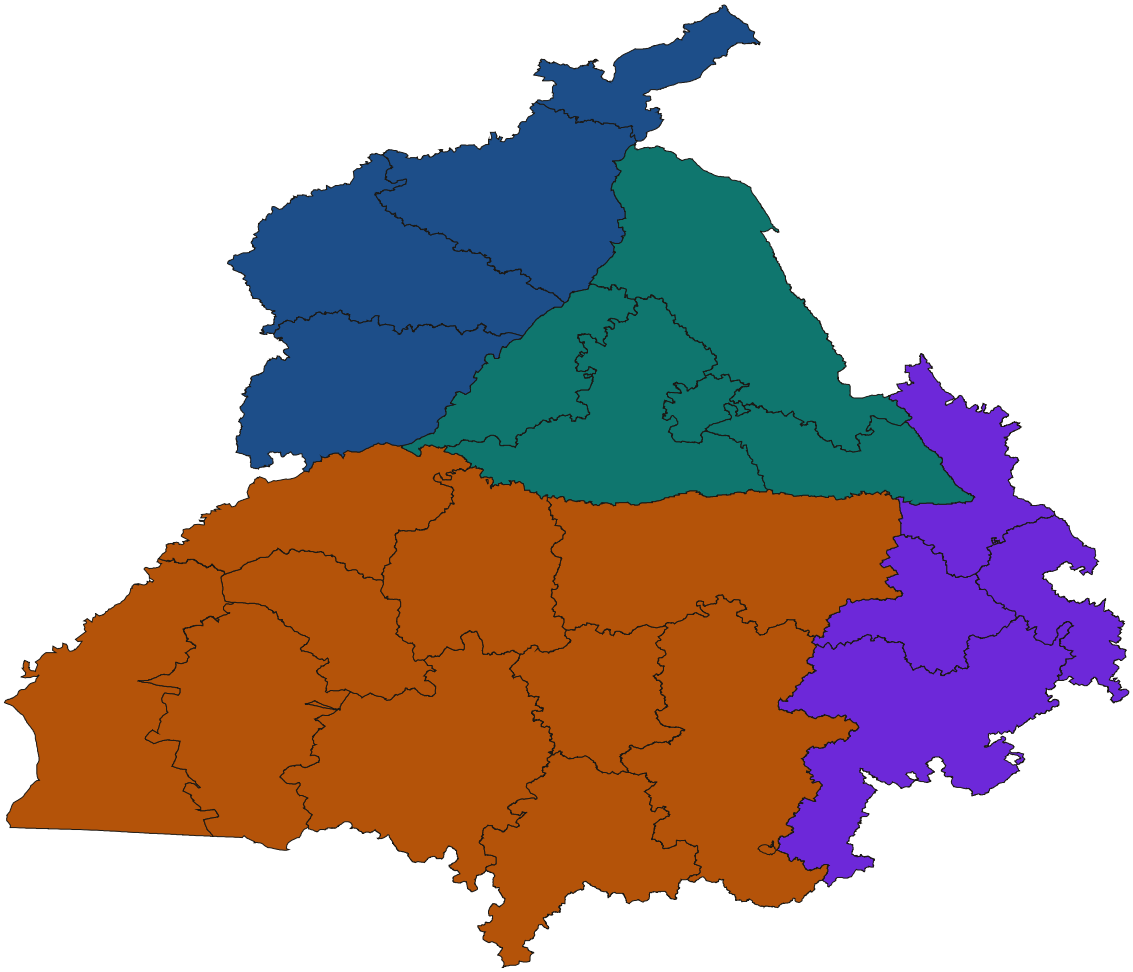
No interstate account is written. Chandigarh is not a Punjab node and is not drawn as one. River lines that fall only outside the 22 polygons are not drawn.

30. Future Risk System

T+5 is a scenario slot, not an observed year. No future-availability figure is written onto a district. The annexure's component columns that have no parameter code stay in the related workbook.

The District Plate

Twenty-two polygons, coloured by tract. Majha is blue, Doaba is teal, Malwa is amber, Puadh is violet. The colours are not a scale of stress. Malerkotla is not on this plate.



District plate. Tract colour only. No stage, rainfall, level or quality is painted from these polygons.

The Nodes

A node is formed as a city. It is not formed as a district, and it is not formed as a tract. Six positions are filled: N1 Amritsar, N2 Jalandhar, N3 Ludhiana, N4 Bathinda, N5 Patiala, N6 S.A.S. Nagar. Each has one parent tract. The host district is counted once. The node does not add a district and it stores no figure. Chandigarh is not a position on this frame.

The city is read first, then the tract. The order is the order of the atlas: begin where a city is named, then read the water the city sits in. Each node is formed in three beats. Formation says how the city was cut. The record prints the host district's figures beside the city and does not move them onto the node. What stays open names the readings this frame does not yet hold. No scheme is named. No block layer is invented under the district average.

N1 Amritsar

Formation

N1 Amritsar is formed as a city inside C1 Majha. The host district is Amritsar (PB-01). That district is counted once. The node does not add a district. Urban reading inside Majha. The city is not the Amritsar district meter. Drawn at the polygon centroid of the host district already on file. Not a surveyed city point. No node figure is stored.

The parent tract is the water around the city. The city is formed so the district row is not mistaken for the urban reading, and so the tract is not mistaken for the city. One city, one parent, one host. The other districts of the parent tract are read in the tract chapter. They are not suburbs of this node.

The record beside the node

The rows below are Amritsar's rows. Recharge, rainfall, crop area and tubewell hectares, where they joined, stay district figures. None of them is copied onto the node.

What stays open

Groundwater below the district is not loaded, so the city is not read at block or firka scale. No Punjab action register is loaded, so this chapter names no scheme. Crop by groundwater stays open. A station that falls in the host polygon is not the city's value.

Amritsar is PB-01 in C1 Majha. Geometry on this clip is LIVE. LGD code 027. Node on this district: N1.

Node N1 Amritsar sits on this district and holds none of the figures that follow.

Groundwater 2025: Same name. PDF name Amritsar. Recharge 139,004.6 hectare-metre. Extractable resource 124,711.65 hectare-metre. Extraction 199,943.98 hectare-metre. Stage 160.33 percent. Irrigation extraction 188,994.67 hectare-metre. The printed stage is at or above 100. It is not painted on the polygon.

Agricultural water for 2024-2025: Same name. Printed name Amritsar. Net area sown 219,522 hectares. Net irrigated 219,522 hectares. Canal 18,387 hectares. Tubewell 201,135 hectares. Gross canal 23,346 hectares. Gross tubewell 398,265 hectares. Gross irrigated 421,611 hectares. Canal and tubewell hectares are not a command and not a percent share.

Rice 187.1 thousand hectares, rice irrigated 187,100 hectares. Wheat 186.351 thousand hectares, wheat irrigated 186,351 hectares. Sugarcane 4.135 thousand hectares, sugarcane irrigated 4,135 hectares. Maize irrigated 393 hectares. Cotton irrigated not printed hectares. Rapeseed and mustard irrigated 2,635 hectares. Fodder irrigated 34,593 hectares. These irrigated crop cells are not divided by the tubewell hectares.

Rainfall: Same name. Printed name Amritsar. 2021, the T0 column, is 518.4 mm. 2016 is 552.1 mm. 2011 is 332.2 mm. 2001 is 350.7 mm. The state rainfall is not this district's rainfall.

Groundwater TDS for 2021 is a station mean of 500.5 mg/L from 1 sample or samples. The source spelling on the join sheet is AMRITSAR. The mean is not painted on the district.

N2 Jalandhar

Formation

N2 Jalandhar is formed as a city inside C2 Doaba. The host district is Jalandhar (PB-10). That district is counted once. The node does not add a district. Urban reading inside Doaba. The city is not the Jalandhar district meter. Drawn at the polygon centroid of the host district already on file. Not a surveyed city point. No node figure is stored.

The parent tract is the water around the city. The city is formed so the district row is not mistaken for the urban reading, and so the tract is not mistaken for the city. One city, one parent, one host. The other districts of the parent tract are read in the tract chapter. They are not suburbs of this node.

The record beside the node

The rows below are Jalandhar's rows. Recharge, rainfall, crop area and tubewell hectares, where they joined, stay district figures. None of them is copied onto the node.

What stays open

Groundwater below the district is not loaded, so the city is not read at block or firka scale. No Punjab action register is loaded, so this chapter names no scheme. Crop by groundwater stays open. A station that falls in the host polygon is not the city's value.

Jalandhar is PB-10 in C2 Doaba. Geometry on this clip is LIVE. LGD code 034. Node on this district: N2.

Node N2 Jalandhar sits on this district and holds none of the figures that follow.

Groundwater 2025: Same name. PDF name Jalandhar. Recharge 95,776.84 hectare-metre. Extractable resource 86,196.69 hectare-metre. Extraction 242,359.13 hectare-metre. Stage 281.17 percent. Irrigation extraction 223,357.63 hectare-metre. The printed stage is at or above 100. It is not painted on the polygon.

Agricultural water for 2024-2025: Same name. Printed name Jalandhar. Net area sown 242,533 hectares. Net irrigated 242,533 hectares. Canal not printed hectares. Tubewell 242,533 hectares. Gross canal not printed hectares. Gross tubewell 405,991 hectares. Gross irrigated 405,991 hectares. Canal and tubewell hectares are not a command and not a percent share.

Rice 175.509 thousand hectares, rice irrigated 175,509 hectares. Wheat 173.382 thousand hectares, wheat irrigated 173,382 hectares. Sugarcane 10.587 thousand hectares, sugarcane irrigated 10,587 hectares. Maize irrigated 4,295 hectares. Cotton irrigated 4 hectares. Rapeseed and mustard irrigated 799 hectares. Fodder irrigated 25,650 hectares. These irrigated crop cells are not divided by the tubewell hectares.

Rainfall: Same name. Printed name Jalandhar. 2021, the T0 column, is 828.3 mm. 2016 is 326.6 mm. 2011 is 799.8 mm. 2001 is 399 mm. The state rainfall is not this district's rainfall.

Groundwater TDS for 2021 is a station mean of 970.89 mg/L from 6 sample or samples. The source spelling on the join sheet is JALANDHAR. The mean is not painted on the district.

N3 Ludhiana

Formation

N3 Ludhiana is formed as a city inside C3 Malwa. The host district is Ludhiana (PB-12). That district is counted once. The node does not add a district. Urban reading inside Malwa. The city is not the Ludhiana district meter. The node name is not an industrial withdrawal. Drawn at the polygon centroid of the host district already on file. Not a surveyed city point. No node figure is stored.

The parent tract is the water around the city. The city is formed so the district row is not mistaken for the urban reading, and so the tract is not mistaken for the city. One city, one parent, one host. The other districts of the parent tract are read in the tract chapter. They are not suburbs of this node.

The node name Ludhiana is not an industrial withdrawal. No industrial cubic-metre figure is stored on the city.

The record beside the node

The rows below are Ludhiana's rows. Recharge, rainfall, crop area and tubewell hectares, where they joined, stay district figures. None of them is copied onto the node.

What stays open

Groundwater below the district is not loaded, so the city is not read at block or firka scale. No Punjab action register is loaded, so this chapter names no scheme. Crop by groundwater stays open. A station that falls in the host polygon is not the city's value.

Ludhiana is PB-12 in C3 Malwa. Geometry on this clip is LIVE. LGD code 036. Node on this district: N3.

Node N3 Ludhiana sits on this district and holds none of the figures that follow.

Groundwater 2025: Same name. PDF name Ludhiana. Recharge 136,489.67 hectare-metre. Extractable resource 123,365.4 hectare-metre. Extraction 240,136.75 hectare-metre. Stage 194.65 percent. Irrigation extraction 212,709.16 hectare-metre. The printed stage is at or above 100. It is not painted on the polygon.

Agricultural water for 2024-2025: Same name. Printed name Ludhiana. Net area sown 282,797 hectares. Net irrigated 282,797 hectares. Canal not printed hectares. Tubewell 282,797 hectares. Gross canal not printed hectares. Gross tubewell 565,744 hectares. Gross irrigated 565,744 hectares. Canal and tubewell hectares are not a command and not a percent share.

Rice 258.069 thousand hectares, rice irrigated 258,069 hectares. Wheat 240.202 thousand hectares, wheat irrigated 240,202 hectares. Sugarcane 2.436 thousand hectares, sugarcane irrigated 2,436 hectares. Maize irrigated 506 hectares. Cotton irrigated 4 hectares. Rapeseed and mustard irrigated 1,980 hectares. Fodder irrigated 30,493 hectares. These irrigated crop cells are not divided by the tubewell hectares.

Rainfall: Same name. Printed name Ludhiana. 2021, the T0 column, is 725.5 mm. 2016 is 359.1 mm. 2011 is 68.6 mm. 2001 is 621.4 mm. The state rainfall is not this district's rainfall.

Groundwater TDS for 2021 is a station mean of 1,385.8 mg/L from 5 sample or samples. The source spelling on the join sheet is LUDHIANA. The mean is not painted on the district.

N4 Bathinda

Formation

N4 Bathinda is formed as a city inside C3 Malwa. The host district is Bathinda (PB-03). That district is counted once. The node does not add a district. Urban reading in south-western Malwa. The city is not the Bathinda district meter and not the tract. Drawn at the polygon centroid of the host district already on file. Not a surveyed city point. No node figure is stored.

The parent tract is the water around the city. The city is formed so the district row is not mistaken for the urban reading, and so the tract is not mistaken for the city. One city, one parent, one host. The other districts of the parent tract are read in the tract chapter. They are not suburbs of this node.

Bathinda is a city inside Malwa. It is not the Malwa tract, and it does not stand for the other ten districts of that tract.

The record beside the node

The rows below are Bathinda's rows. Recharge, rainfall, crop area and tubewell hectares, where they joined, stay district figures. None of them is copied onto the node.

What stays open

Groundwater below the district is not loaded, so the city is not read at block or firka scale. No Punjab action register is loaded, so this chapter names no scheme. Crop by groundwater stays open. A station that falls in the host polygon is not the city's value.

Bathinda is PB-03 in C3 Malwa. Geometry on this clip is LIVE. LGD code 028. Node on this district: N4.

Node N4 Bathinda sits on this district and holds none of the figures that follow.

Groundwater 2025: Same name. PDF name Bathinda. Recharge 136,960.35 hectare-metre. Extractable resource 123,264.31 hectare-metre. Extraction 157,825.23 hectare-metre. Stage 128.04 percent. Irrigation extraction 154,989.72 hectare-metre. The printed stage is at or above 100. It is not painted on the polygon.

Agricultural water for 2024-2025: Same name. Printed name Bathinda. Net area sown 282,713 hectares. Net irrigated 282,713 hectares. Canal 226,291 hectares. Tubewell 56,422 hectares. Gross canal 226,391 hectares. Gross tubewell 328,370 hectares. Gross irrigated 554,761 hectares. Canal and tubewell hectares are not a command and not a percent share.

Rice 216.479 thousand hectares, rice irrigated 216,479 hectares. Wheat 255.333 thousand hectares, wheat irrigated 255,333 hectares. Sugarcane 0.072 thousand hectares, sugarcane irrigated 72 hectares. Maize irrigated 129 hectares. Cotton irrigated 41,082 hectares. Rapeseed and mustard irrigated 2,839 hectares. Fodder irrigated 27,260 hectares. These irrigated crop cells are not divided by the tubewell hectares.

Rainfall: Same name. Printed name Bathinda. 2021, the T0 column, is 492.6 mm. 2016 is 357.5 mm. 2011 is 132.2 mm. 2001 is 197.8 mm. The state rainfall is not this district's rainfall.

Groundwater TDS for 2021 is a station mean of 1,612.93 mg/L from 7 sample or samples. The source spelling on the join sheet is BATHINDA. The mean is not painted on the district.

N5 Patiala

Formation

N5 Patiala is formed as a city inside C4 Puadh. The host district is Patiala (PB-17). That district is counted once. The node does not add a district. Urban reading inside Puadh. The city is not the Patiala district meter. Drawn at the polygon centroid of the host district already on file. Not a surveyed city point. No node figure is stored.

The parent tract is the water around the city. The city is formed so the district row is not mistaken for the urban reading, and so the tract is not mistaken for the city. One city, one parent, one host. The other districts of the parent tract are read in the tract chapter. They are not suburbs of this node.

The record beside the node

The rows below are Patiala's rows. Recharge, rainfall, crop area and tubewell hectares, where they joined, stay district figures. None of them is copied onto the node.

What stays open

Groundwater below the district is not loaded, so the city is not read at block or firka scale. No Punjab action register is loaded, so this chapter names no scheme. Crop by groundwater stays open. A station that falls in the host polygon is not the city's value.

Patiala is PB-17 in C4 Puadh. Geometry on this clip is LIVE. LGD code 041. Node on this district: N5.

Node N5 Patiala sits on this district and holds none of the figures that follow.

Groundwater 2025: Same name. PDF name Patiala. Recharge 100,190.99 hectare-metre. Extractable resource 90,645.7 hectare-metre. Extraction 189,026.55 hectare-metre. Stage 208.53 percent. Irrigation extraction 180,345.91 hectare-metre. The printed stage is at or above 100. It is not painted on the polygon.

Agricultural water for 2024-2025: Same name. Printed name Patiala. Net area sown 256,592 hectares. Net irrigated 256,592 hectares. Canal 497 hectares. Tubewell 256,095 hectares. Gross canal 2,128 hectares. Gross tubewell 500,283 hectares. Gross irrigated 502,411 hectares. Canal and tubewell hectares are not a command and not a percent share.

Rice 233.181 thousand hectares, rice irrigated 233,181 hectares. Wheat 231.289 thousand hectares, wheat irrigated 231,289 hectares. Sugarcane 1.386 thousand hectares, sugarcane irrigated 1,386 hectares. Maize irrigated 675 hectares. Cotton irrigated 45 hectares. Rapeseed and mustard irrigated 1,197 hectares. Fodder irrigated 22,476 hectares. These irrigated crop cells are not divided by the tubewell hectares.

Rainfall: Same name. Printed name Patiala. 2021, the T0 column, is 678.4 mm. 2016 is 325.6 mm. 2011 is 79.5 mm. 2001 is 622.9 mm. The state rainfall is not this district's rainfall.

Groundwater TDS for 2021 is a station mean of 1,731.17 mg/L from 3 sample or samples. The source spelling on the join sheet is PATIALA. The mean is not painted on the district.

N6 S.A.S. Nagar

Formation

N6 S.A.S. Nagar is formed as a city inside C4 Puadh. The host district is S.A.S Nagar (PB-19). That district is counted once. The node does not add a district. Punjab's urban edge beside the tricity. Chandigarh is not a district on this register and is not drawn as this node. Drawn at the polygon centroid of the host district already on file. Not a surveyed city point. No node figure is stored.

The parent tract is the water around the city. The city is formed so the district row is not mistaken for the urban reading, and so the tract is not mistaken for the city. One city, one parent, one host. The other districts of the parent tract are read in the tract chapter. They are not suburbs of this node.

The urban edge is the host district S.A.S Nagar. Chandigarh is not a district on this register, is not a seventh node, and is not drawn in this city's place.

The record beside the node

The rows below are S.A.S Nagar's rows. Recharge, rainfall, crop area and tubewell hectares, where they joined, stay district figures. None of them is copied onto the node.

What stays open

Groundwater below the district is not loaded, so the city is not read at block or firka scale. No Punjab action register is loaded, so this chapter names no scheme. Crop by groundwater stays open. A station that falls in the host polygon is not the city's value.

S.A.S Nagar is PB-19 in C4 Puadh. Geometry on this clip is LIVE. LGD code 608. Node on this district: N6.

Node N6 S.A.S. Nagar sits on this district and holds none of the figures that follow.

Groundwater 2025: Same letters. PDF name SAS Nagar. Recharge 22,650.41 hectare-metre. Extractable resource 20,385.37 hectare-metre. Extraction 23,831.21 hectare-metre. Stage 116.9 percent. Irrigation extraction 16,165.28 hectare-metre. The printed stage is at or above 100. It is not painted on the polygon.

Agricultural water for 2024-2025: Same name. Printed name S.a.s nagar. Net area sown 85,090 hectares. Net irrigated 85,090 hectares. Canal not printed hectares. Tubewell 85,090 hectares. Gross canal not printed hectares. Gross tubewell 109,158 hectares. Gross irrigated 109,158 hectares. Canal and tubewell hectares are not a command and not a percent share.

Rice 32.711 thousand hectares, rice irrigated 32,711 hectares. Wheat 51.585 thousand hectares, wheat irrigated 51,495 hectares. Sugarcane 1.512 thousand hectares, sugarcane irrigated 1,512 hectares. Maize irrigated 3,583 hectares. Cotton irrigated not printed hectares. Rapeseed and mustard irrigated 927 hectares. Fodder irrigated 14,661 hectares. These irrigated crop cells are not divided by the tubewell hectares.

Rainfall: Same letters. Printed name SAS Nagar. 2021, the T0 column, is 492.1 mm. 2016 is 586 mm. 2011 is 17 mm. 2001 is not printed mm. The state rainfall is not this district's rainfall.

Groundwater TDS for 2021 is a station mean of 1,790.75 mg/L from 4 sample or samples. The source spelling on the join sheet is MOHALI. The mean is not painted on the district.

The Clusters

A tract is formed by how the water is lived, not by a stress rank and not by splitting a tehsil off its district. The code order follows the rivers: Majha between the Ravi and the Beas, Doaba between the Beas and the Sutlej, Malwa south of the Sutlej, Puadh where the Sutlej leaves the Shivalik and the Ghaggar side begins. Every current district is in exactly one tract. The sum of the four counts is twenty-three.

Each tract is formed in the same three beats. Formation says who shares the tract and which other list is kept beside it. The record then reads each member district whole. A sum of those rows is not a tract total, because the source did not print one. What stays open is the same opening on every tract: the tract holds no figure of its own.

C1 Majha

Formation

Ravi to Beas - Upper Bari Doab

Water is lived between the Ravi and the Beas, on the Upper Bari Doab. Four districts, each whole. The city is a node, not the tract.

C1 holds 4 districts, each whole: Amritsar, Gurdaspur, Pathankot, Tarn Taran. No tehsil is split out to make the count. Membership is how the water is lived. The code is not a stress rank and the tract holds no figure.

A district leaves this tract only if the register is reformed. It does not leave because a tehsil is busy, or because a city inside it is a node. Where a node sits on a member, the node remains that city and leaves the other members whole.

The three-region cultural list names the same four districts Majha.

The record

Each member is read on its own page from the joined cells only. Where a city node sits on a member, the node still holds none of that member's figures. The pages are not added into a tract recharge, a tract stage, or a tract irrigated area.

What stays open

A tract total is not formed. A quality stretch is not formed from a river name. Crop by groundwater is not formed from rice hectares and tubewell hectares.

Amritsar

Amritsar is PB-01 in C1 Majha. Geometry on this clip is LIVE. LGD code 027. Node on this district: N1.

Groundwater 2025: Same name. PDF name Amritsar. Recharge 139,004.6 hectare-metre. Extractable resource 124,711.65 hectare-metre. Extraction 199,943.98 hectare-metre. Stage 160.33 percent. Irrigation extraction 188,994.67 hectare-metre. The printed stage is at or above 100. It is not painted on the polygon.

Agricultural water for 2024-2025: Same name. Printed name Amritsar. Net area sown 219,522 hectares. Net irrigated 219,522 hectares. Canal 18,387 hectares. Tubewell 201,135 hectares. Gross canal 23,346 hectares. Gross tubewell 398,265 hectares. Gross irrigated 421,611 hectares. Canal and tubewell hectares are not a command and not a percent share.

Rice 187.1 thousand hectares, rice irrigated 187,100 hectares. Wheat 186.351 thousand hectares, wheat irrigated 186,351 hectares. Sugarcane 4.135 thousand hectares, sugarcane irrigated 4,135 hectares. Maize irrigated 393 hectares. Cotton irrigated not printed hectares. Rapeseed and mustard irrigated 2,635 hectares. Fodder irrigated 34,593 hectares. These irrigated crop cells are not divided by the tubewell hectares.

Rainfall: Same name. Printed name Amritsar. 2021, the T0 column, is 518.4 mm. 2016 is 552.1 mm. 2011 is 332.2 mm. 2001 is 350.7 mm. The state rainfall is not this district's rainfall.

Groundwater TDS for 2021 is a station mean of 500.5 mg/L from 1 sample or samples. The source spelling on the join sheet is AMRITSAR. The mean is not painted on the district.

Gurdaspur

Gurdaspur is PB-08 in C1 Majha. Geometry on this clip is LIVE. LGD code 032. No node is hosted here.

Groundwater 2025: Same name. PDF name Gurdaspur. Recharge 154,067.08 hectare-metre. Extractable resource 136,765.79 hectare-metre. Extraction 165,672.55 hectare-metre. Stage 121.14 percent. Irrigation extraction 158,465.08 hectare-metre. The printed stage is at or above 100. It is not painted on the polygon.

Agricultural water for 2024-2025: Same name. Printed name Gurdaspur. Net area sown 204,131 hectares. Net irrigated 204,131 hectares. Canal 18,333 hectares. Tubewell 185,798 hectares. Gross canal 48,097 hectares. Gross tubewell 351,959 hectares. Gross irrigated 400,056 hectares. Canal and tubewell hectares are not a command and not a percent share.

Rice 173.172 thousand hectares, rice irrigated 170,644 hectares. Wheat 185.991 thousand hectares, wheat irrigated 182,192 hectares. Sugarcane 20.965 thousand hectares, sugarcane irrigated 20,329 hectares. Maize irrigated 287 hectares. Cotton irrigated not printed hectares. Rapeseed and mustard irrigated 3,633 hectares. Fodder irrigated 20,323 hectares. These irrigated crop cells are not divided by the tubewell hectares.

Rainfall: Same name. Printed name Gurdaspur. 2021, the T0 column, is 714.8 mm. 2016 is 944.8 mm. 2011 is 640.3 mm. 2001 is 1,066.7 mm. The state rainfall is not this district's rainfall.

No 2021 groundwater TDS mean is written for this district.

Pathankot

Pathankot is PB-16 in C1 Majha. Geometry on this clip is LIVE. LGD code 662. No node is hosted here.

Groundwater 2025: Same name. PDF name Pathankot. Recharge 48,104.68 hectare-metre. Extractable resource 43,294.2 hectare-metre. Extraction 17,773.52 hectare-metre. Stage 41.05 percent. Irrigation extraction 14,747.46 hectare-metre. The printed stage is below 100. It is not painted on the polygon.

Agricultural water for 2024-2025: Same name. Printed name Pathankot. Net area sown 46,477 hectares. Net irrigated 46,477 hectares. Canal 9,672 hectares. Tubewell 36,805 hectares. Gross canal 9,863 hectares. Gross tubewell 39,038 hectares. Gross irrigated 48,901 hectares. Canal and tubewell hectares are not a command and not a percent share.

Rice 27.282 thousand hectares, rice irrigated 19,857 hectares. Wheat 40.184 thousand hectares, wheat irrigated 21,414 hectares. Sugarcane 4.028 thousand hectares, sugarcane irrigated 2,583 hectares. Maize irrigated 472 hectares. Cotton irrigated not printed hectares. Rapeseed and mustard irrigated 473 hectares. Fodder irrigated 2,798 hectares. These irrigated crop cells are not divided by the tubewell hectares.

Rainfall is on the source table for this name and the 2021 cell is empty. It is not filled from the state row.

No 2021 groundwater TDS mean is written for this district.

Tarn Taran

Tarn Taran is PB-23 in C1 Majha. Geometry on this clip is LIVE. LGD code 609. No node is hosted here.

Groundwater 2025: Same name. PDF name Tarn Taran. Recharge 70,108.95 hectare-metre. Extractable resource 65,592.76 hectare-metre. Extraction 132,817.11 hectare-metre. Stage 202.49 percent. Irrigation extraction 127,942.18 hectare-metre. The printed stage is at or above 100. It is not painted on the polygon.

Agricultural water for 2024-2025: Same name. Printed name Tarn taran. Net area sown 217,540 hectares. Net irrigated 217,540 hectares. Canal 9,003 hectares. Tubewell 208,537 hectares. Gross canal 9,112 hectares. Gross tubewell 398,101 hectares. Gross irrigated 407,213 hectares. Canal and tubewell hectares are not a command and not a percent share.

Rice 185.237 thousand hectares, rice irrigated 185,237 hectares. Wheat 192.894 thousand hectares, wheat irrigated 192,894 hectares. Sugarcane 0.484 thousand hectares, sugarcane irrigated 484 hectares. Maize irrigated 133 hectares. Cotton irrigated not printed hectares. Rapeseed and mustard irrigated 1,022 hectares. Fodder irrigated 23,694 hectares. These irrigated crop cells are not divided by the tubewell hectares.

Rainfall: Same name. Printed name Tarn Taran. 2021, the T0 column, is 401.6 mm. 2016 is 341 mm. 2011 is 2 mm. 2001 is not printed mm. The state rainfall is not this district's rainfall.

Groundwater TDS for 2021 is a station mean of 637 mg/L from 1 sample or samples. The source spelling on the join sheet is TARN TARAN. The mean is not painted on the district.

C2 Doaba

Formation

Beas to Sutlej - Bist Doab

Water is lived between the Beas and the Sutlej, on the Bist Doab. Hoshiarpur stays one district, Shivalik edge included.

C2 holds 4 districts, each whole: Hoshiarpur, Jalandhar, Kapurthala, Shahid Bhagat Singh Nagar. No tehsil is split out to make the count. Membership is how the water is lived. The code is not a stress rank and the tract holds no figure.

A district leaves this tract only if the register is reformed. It does not leave because a tehsil is busy, or because a city inside it is a node. Where a node sits on a member, the node remains that city and leaves the other members whole.

The three-region cultural list names the same four districts Doaba.

The record

Each member is read on its own page from the joined cells only. Where a city node sits on a member, the node still holds none of that member's figures. The pages are not added into a tract recharge, a tract stage, or a tract irrigated area.

What stays open

A tract total is not formed. A quality stretch is not formed from a river name. Crop by groundwater is not formed from rice hectares and tubewell hectares.

Hoshiarpur

Hoshiarpur is PB-09 in C2 Doaba. Geometry on this clip is LIVE. LGD code 033. No node is hosted here.

Groundwater 2025: Same name. PDF name Hoshiarpur. Recharge 90,479.81 hectare-metre. Extractable resource 80,412.83 hectare-metre. Extraction 100,362.62 hectare-metre. Stage 124.81 percent. Irrigation extraction 93,537.38 hectare-metre. The printed stage is at or above 100. It is not painted on the polygon.

Agricultural water for 2024-2025: Same name. Printed name Hoshiarpur. Net area sown 202,662 hectares. Net irrigated 202,662 hectares. Canal 6,559 hectares. Tubewell 196,103 hectares. Gross canal 7,908 hectares. Gross tubewell 305,878 hectares. Gross irrigated 313,786 hectares. Canal and tubewell hectares are not a command and not a percent share.

Rice 79.551 thousand hectares, rice irrigated 79,477 hectares. Wheat 145.691 thousand hectares, wheat irrigated 140,344 hectares. Sugarcane 26.942 thousand hectares, sugarcane irrigated 26,738 hectares. Maize irrigated 34,828 hectares. Cotton irrigated 1 hectares. Rapeseed and mustard irrigated 3,623 hectares. Fodder irrigated 23,381 hectares. These irrigated crop cells are not divided by the tubewell hectares.

Rainfall: Same name. Printed name Hoshiarpur. 2021, the T0 column, is 470.3 mm. 2016 is 444.1 mm. 2011 is 673.8 mm. 2001 is 467.3 mm. The state rainfall is not this district's rainfall.

Groundwater TDS for 2021 is a station mean of 794.62 mg/L from 2 sample or samples. The source spelling on the join sheet is HOSHIARPUR. The mean is not painted on the district.

Jalandhar

Jalandhar is PB-10 in C2 Doaba. Geometry on this clip is LIVE. LGD code 034. Node on this district: N2.

Groundwater 2025: Same name. PDF name Jalandhar. Recharge 95,776.84 hectare-metre. Extractable resource 86,196.69 hectare-metre. Extraction 242,359.13 hectare-metre. Stage 281.17 percent. Irrigation extraction 223,357.63 hectare-metre. The printed stage is at or above 100. It is not painted on the polygon.

Agricultural water for 2024-2025: Same name. Printed name Jalandhar. Net area sown 242,533 hectares. Net irrigated 242,533 hectares. Canal not printed hectares. Tubewell 242,533 hectares. Gross canal not printed hectares. Gross tubewell 405,991 hectares. Gross irrigated 405,991 hectares. Canal and tubewell hectares are not a command and not a percent share.

Rice 175.509 thousand hectares, rice irrigated 175,509 hectares. Wheat 173.382 thousand hectares, wheat irrigated 173,382 hectares. Sugarcane 10.587 thousand hectares, sugarcane irrigated 10,587 hectares. Maize irrigated 4,295 hectares. Cotton irrigated 4 hectares. Rapeseed and mustard irrigated 799 hectares. Fodder irrigated 25,650 hectares. These irrigated crop cells are not divided by the tubewell hectares.

Rainfall: Same name. Printed name Jalandhar. 2021, the T0 column, is 828.3 mm. 2016 is 326.6 mm. 2011 is 799.8 mm. 2001 is 399 mm. The state rainfall is not this district's rainfall.

Groundwater TDS for 2021 is a station mean of 970.89 mg/L from 6 sample or samples. The source spelling on the join sheet is JALANDHAR. The mean is not painted on the district.

Kapurthala

Kapurthala is PB-11 in C2 Doaba. Geometry on this clip is LIVE. LGD code 035. No node is hosted here.

Groundwater 2025: Same name. PDF name Kapurthala. Recharge 62,665.8 hectare-metre. Extractable resource 56,633.74 hectare-metre. Extraction 137,596.23 hectare-metre. Stage 242.96 percent. Irrigation extraction 131,638.89 hectare-metre. The printed stage is at or above 100. It is not painted on the polygon.

Agricultural water for 2024-2025: Same name. Printed name Kapurthala. Net area sown 128,315 hectares. Net irrigated 28,315 hectares. Canal not printed hectares. Tubewell 28,315 hectares. Gross canal not printed hectares. Gross tubewell 244,937 hectares. Gross irrigated 244,937 hectares. Canal and tubewell hectares are not a command and not a percent share. The classification report prints the net area sown. The source-of-irrigation report prints the net irrigated area and the tubewell area. Those are the printed cells. This volume does not replace one with the other.

Rice 116.608 thousand hectares, rice irrigated 116,608 hectares. Wheat 107.535 thousand hectares, wheat irrigated 107,535 hectares. Sugarcane 3.483 thousand hectares, sugarcane irrigated 3,483 hectares. Maize irrigated 1,184 hectares. Cotton irrigated not printed hectares. Rapeseed and mustard irrigated 747 hectares. Fodder irrigated 11,417 hectares. These irrigated crop cells are not divided by the tubewell hectares.

Rainfall: Same name. Printed name Kapurthala. 2021, the T0 column, is 1,108.3 mm. 2016 is 764.8 mm. 2011 is 7 mm. 2001 is 704 mm. The state rainfall is not this district's rainfall.

Groundwater TDS for 2021 is a station mean of 2,431 mg/L from 1 sample or samples. The source spelling on the join sheet is KAPURTHALA. The mean is not painted on the district.

Shahid Bhagat Singh Nagar

Shahid Bhagat Singh Nagar is PB-21 in C2 Doaba. Geometry on this clip is LIVE. LGD code 040. No node is hosted here.

Groundwater 2025 does not join. The register name is Shahid Bhagat Singh Nagar. No recharge, extractable resource, extraction, stage, or irrigation extraction is written on this row.

The 2024-2025 crop and irrigation cells are not on this register name. If the statistical report prints a different spelling, that row is kept under the printed spelling and is not copied here.

Rainfall is on the source table for this name and the 2021 cell is empty. It is not filled from the state row.

Groundwater TDS for 2021 is a station mean of 555.75 mg/L from 1 sample or samples. The source spelling on the join sheet is SBS NAGAR. The mean is not painted on the district.

C3 Malwa

Formation

South of the Sutlej - canal and tubewell plain

Water is lived south of the Sutlej on the canal and tubewell plain. Eleven districts share the tract and do not share one meter. Malerkotla is named in this tract and is not drawn.

C3 holds 11 districts, each whole: Barnala, Bathinda, Faridkot, Fazilka, Ferozepur, Ludhiana, Malerkotla, Mansa, Moga, Sangrur, Sri Muktsar Sahib. No tehsil is split out to make the count. Membership is how the water is lived. The code is not a stress rank and the tract holds no figure.

A district leaves this tract only if the register is reformed. It does not leave because a tehsil is busy, or because a city inside it is a node. Where a node sits on a member, the node remains that city and leaves the other members whole.

The three-region cultural list also places Fatehgarh Sahib, Patiala, Rupnagar and S.A.S Nagar in Malwa. Those four are C4 here. Both lists are kept.

Malerkotla is named in this tract. Its geometry is open and no LGD code is written. Sangrur is not painted in its place.

The record

Each member is read on its own page from the joined cells only. Where a city node sits on a member, the node still holds none of that member's figures. The pages are not added into a tract recharge, a tract stage, or a tract irrigated area.

What stays open

A tract total is not formed. A quality stretch is not formed from a river name. Crop by groundwater is not formed from rice hectares and tubewell hectares.

Barnala

Barnala is PB-02 in C3 Malwa. Geometry on this clip is LIVE. LGD code 605. No node is hosted here.

Groundwater 2025: Same name. PDF name Barnala. Recharge 54,325.57 hectare-metre. Extractable resource 48,893.01 hectare-metre. Extraction 107,249.28 hectare-metre. Stage 219.36 percent. Irrigation extraction 104,683.61 hectare-metre. The printed stage is at or above 100. It is not painted on the polygon.

Agricultural water for 2024-2025: Same name. Printed name Barnala. Net area sown 123,639 hectares. Net irrigated 122,180 hectares. Canal 58,815 hectares. Tubewell 63,365 hectares. Gross canal 62,010 hectares. Gross tubewell 183,809 hectares. Gross irrigated 245,819 hectares. Canal and tubewell hectares are not a command and not a percent share.

Rice 114.463 thousand hectares, rice irrigated 114,463 hectares. Wheat 114.312 thousand hectares, wheat irrigated 114,312 hectares. Sugarcane 0.232 thousand hectares, sugarcane irrigated 232 hectares. Maize irrigated 102 hectares. Cotton irrigated 1,268 hectares. Rapeseed and mustard irrigated 735 hectares. Fodder irrigated 10,501 hectares. These irrigated crop cells are not divided by the tubewell hectares.

Rainfall: Same name. Printed name Barnala. 2021, the T0 column, is 315.2 mm. 2016 is 330 mm. 2011 is 235.1 mm. 2001 is not printed mm. The state rainfall is not this district's rainfall.

No 2021 groundwater TDS mean is written for this district.

Bathinda

Bathinda is PB-03 in C3 Malwa. Geometry on this clip is LIVE. LGD code 028. Node on this district: N4.

Groundwater 2025: Same name. PDF name Bathinda. Recharge 136,960.35 hectare-metre. Extractable resource 123,264.31 hectare-metre. Extraction 157,825.23 hectare-metre. Stage 128.04 percent. Irrigation extraction 154,989.72 hectare-metre. The printed stage is at or above 100. It is not painted on the polygon.

Agricultural water for 2024-2025: Same name. Printed name Bathinda. Net area sown 282,713 hectares. Net irrigated 282,713 hectares. Canal 226,291 hectares. Tubewell 56,422 hectares. Gross canal 226,391 hectares. Gross tubewell 328,370 hectares. Gross irrigated 554,761 hectares. Canal and tubewell hectares are not a command and not a percent share.

Rice 216.479 thousand hectares, rice irrigated 216,479 hectares. Wheat 255.333 thousand hectares, wheat irrigated 255,333 hectares. Sugarcane 0.072 thousand hectares, sugarcane irrigated 72 hectares. Maize irrigated 129 hectares. Cotton irrigated 41,082 hectares. Rapeseed and mustard irrigated 2,839 hectares. Fodder irrigated 27,260 hectares. These irrigated crop cells are not divided by the tubewell hectares.

Rainfall: Same name. Printed name Bathinda. 2021, the T0 column, is 492.6 mm. 2016 is 357.5 mm. 2011 is 132.2 mm. 2001 is 197.8 mm. The state rainfall is not this district's rainfall.

Groundwater TDS for 2021 is a station mean of 1,612.93 mg/L from 7 sample or samples. The source spelling on the join sheet is BATHINDA. The mean is not painted on the district.

Faridkot

Faridkot is PB-04 in C3 Malwa. Geometry on this clip is LIVE. LGD code 029. No node is hosted here.

Groundwater 2025: Same name. PDF name Faridkot. Recharge 46,822.62 hectare-metre. Extractable resource 43,046.68 hectare-metre. Extraction 51,318.27 hectare-metre. Stage 119.22 percent. Irrigation extraction 50,285.47 hectare-metre. The printed stage is at or above 100. It is not painted on the polygon.

Agricultural water for 2024-2025: Same name. Printed name Faridkot. Net area sown 126,950 hectares. Net irrigated 126,950 hectares. Canal 56,695 hectares. Tubewell 70,255 hectares. Gross canal 56,735 hectares. Gross tubewell 192,188 hectares. Gross irrigated 248,923 hectares. Canal and tubewell hectares are not a command and not a percent share.

Rice 117.153 thousand hectares, rice irrigated 117,153 hectares. Wheat 114.847 thousand hectares, wheat irrigated 114,847 hectares. Sugarcane 0.056 thousand hectares, sugarcane irrigated 56 hectares. Maize irrigated 15 hectares. Cotton irrigated 324 hectares. Rapeseed and mustard irrigated 735 hectares. Fodder irrigated 10,773 hectares. These irrigated crop cells are not divided by the tubewell hectares.

Rainfall: Same name. Printed name Faridkot. 2021, the T0 column, is 510.6 mm. 2016 is 412.6 mm. 2011 is 9 mm. 2001 is 253.7 mm. The state rainfall is not this district's rainfall.

Groundwater TDS for 2021 is a station mean of 1,394.25 mg/L from 4 sample or samples. The source spelling on the join sheet is FARIDKOT. The mean is not painted on the district.

Fazilka

Fazilka is PB-06 in C3 Malwa. Geometry on this clip is LIVE. LGD code 651. No node is hosted here.

Groundwater 2025: Same name. PDF name Fazilka. Recharge 73,540.71 hectare-metre. Extractable resource 66,186.63 hectare-metre. Extraction 43,141.14 hectare-metre. Stage 65.18 percent. Irrigation extraction 41,235.94 hectare-metre. The printed stage is below 100. It is not painted on the polygon.

Agricultural water for 2024-2025: Same name. Printed name Fazilka. Net area sown 271,420 hectares. Net irrigated 271,420 hectares. Canal 245,179 hectares. Tubewell 26,241 hectares. Gross canal 247,520 hectares. Gross tubewell 237,933 hectares. Gross irrigated 485,453 hectares. Canal and tubewell hectares are not a command and not a percent share.

Rice 128.066 thousand hectares, rice irrigated 128,066 hectares. Wheat 196.587 thousand hectares, wheat irrigated 196,587 hectares. Sugarcane 0.744 thousand hectares, sugarcane irrigated 744 hectares. Maize irrigated 419 hectares. Cotton irrigated 70,369 hectares. Rapeseed and mustard irrigated 6,721 hectares. Fodder irrigated 20,833 hectares. These irrigated crop cells are not divided by the tubewell hectares.

Rainfall is on the source table for this name and the 2021 cell is empty. It is not filled from the state row.

Groundwater TDS for 2021 is a station mean of 1,436.5 mg/L from 2 sample or samples. The source spelling on the join sheet is FAZILKA. The mean is not painted on the district.

Ferozepur

Ferozepur is PB-07 in C3 Malwa. Geometry on this clip is LIVE. LGD code 031. No node is hosted here.

Groundwater 2025 does not join. The register name is Ferozepur. No recharge, extractable resource, extraction, stage, or irrigation extraction is written on this row.

The 2024-2025 crop and irrigation cells are not on this register name. If the statistical report prints a different spelling, that row is kept under the printed spelling and is not copied here.

Rainfall: Same name. Printed name Ferozepur. 2021, the T0 column, is 437.9 mm. 2016 is 131.5 mm. 2011 is 61.8 mm. 2001 is 107.3 mm. The state rainfall is not this district's rainfall.

Groundwater TDS for 2021 is a station mean of 1,963 mg/L from 1 sample or samples. The source spelling on the join sheet is FEROZEPUR. The mean is not painted on the district.

Ludhiana

Ludhiana is PB-12 in C3 Malwa. Geometry on this clip is LIVE. LGD code 036. Node on this district: N3.

Groundwater 2025: Same name. PDF name Ludhiana. Recharge 136,489.67 hectare-metre. Extractable resource 123,365.4 hectare-metre. Extraction 240,136.75 hectare-metre. Stage 194.65 percent. Irrigation extraction 212,709.16 hectare-metre. The printed stage is at or above 100. It is not painted on the polygon.

Agricultural water for 2024-2025: Same name. Printed name Ludhiana. Net area sown 282,797 hectares. Net irrigated 282,797 hectares. Canal not printed hectares. Tubewell 282,797 hectares. Gross canal not printed hectares. Gross tubewell 565,744 hectares. Gross irrigated 565,744 hectares. Canal and tubewell hectares are not a command and not a percent share.

Rice 258.069 thousand hectares, rice irrigated 258,069 hectares. Wheat 240.202 thousand hectares, wheat irrigated 240,202 hectares. Sugarcane 2.436 thousand hectares, sugarcane irrigated 2,436 hectares. Maize irrigated 506 hectares. Cotton irrigated 4 hectares. Rapeseed and mustard irrigated 1,980 hectares. Fodder irrigated 30,493 hectares. These irrigated crop cells are not divided by the tubewell hectares.

Rainfall: Same name. Printed name Ludhiana. 2021, the T0 column, is 725.5 mm. 2016 is 359.1 mm. 2011 is 68.6 mm. 2001 is 621.4 mm. The state rainfall is not this district's rainfall.

Groundwater TDS for 2021 is a station mean of 1,385.8 mg/L from 5 sample or samples. The source spelling on the join sheet is LUDHIANA. The mean is not painted on the district.

Malerkotla

Malerkotla is PB-13 in C3 Malwa. Geometry on this clip is OPEN. No LGD code is written. No node is hosted here.

Groundwater 2025: Same name. PDF name Malerkotla. Recharge 21,593.08 hectare-metre. Extractable resource 19,433.77 hectare-metre. Extraction 58,676.84 hectare-metre. Stage 301.93 percent. Irrigation extraction 56,132.45 hectare-metre. The printed stage is at or above 100. It is not painted on the polygon.

Agricultural water for 2024-2025: Same name. Printed name Malerkotla. Net area sown 58,357 hectares. Net irrigated 58,357 hectares. Canal not printed hectares. Tubewell 58,357 hectares. Gross canal not printed hectares. Gross tubewell 115,910 hectares. Gross irrigated 115,910 hectares. Canal and tubewell hectares are not a command and not a percent share.

Rice 53.22 thousand hectares, rice irrigated 53,220 hectares. Wheat 52.305 thousand hectares, wheat irrigated 52,305 hectares. Sugarcane 0.447 thousand hectares, sugarcane irrigated 447 hectares. Maize irrigated 168 hectares. Cotton irrigated 58 hectares. Rapeseed and mustard irrigated 370 hectares. Fodder irrigated 5,819 hectares. These irrigated crop cells are not divided by the tubewell hectares.

Rainfall is on the source table for this name and the 2021 cell is empty. It is not filled from the state row.

No 2021 groundwater TDS mean is written for this district.

Mansa

Mansa is PB-14 in C3 Malwa. Geometry on this clip is LIVE. LGD code 037. No node is hosted here.

Groundwater 2025: Same name. PDF name Mansa. Recharge 79,831.15 hectare-metre. Extractable resource 71,848.03 hectare-metre. Extraction 78,105.53 hectare-metre. Stage 108.71 percent. Irrigation extraction 77,767.09 hectare-metre. The printed stage is at or above 100. It is not painted on the polygon.

Agricultural water for 2024-2025: Same name. Printed name Mansa. Net area sown 184,447 hectares. Net irrigated 184,447 hectares. Canal 134,387 hectares. Tubewell 50,060 hectares. Gross canal 316,387 hectares. Gross tubewell 50,163 hectares. Gross irrigated 366,550 hectares. Canal and tubewell hectares are not a command and not a percent share.

Rice 143.777 thousand hectares, rice irrigated 143,777 hectares. Wheat 172.15 thousand hectares, wheat irrigated 172,150 hectares. Sugarcane 0.061 thousand hectares, sugarcane irrigated 57 hectares. Maize irrigated 68 hectares. Cotton irrigated 29,522 hectares. Rapeseed and mustard irrigated 2,066 hectares. Fodder irrigated 15,277 hectares. These irrigated crop cells are not divided by the tubewell hectares.

Rainfall: Same name. Printed name Mansa. 2021, the T0 column, is 211.8 mm. 2016 is 203 mm. 2011 is 105.5 mm. 2001 is 271.3 mm. The state rainfall is not this district's rainfall.

Groundwater TDS for 2021 is a station mean of 1,239.33 mg/L from 3 sample or samples. The source spelling on the join sheet is MANSA. The mean is not painted on the district.

Moga

Moga is PB-15 in C3 Malwa. Geometry on this clip is LIVE. LGD code 038. No node is hosted here.

Groundwater 2025: Same name. PDF name Moga. Recharge 77,890.7 hectare-metre. Extractable resource 70,072.86 hectare-metre. Extraction 163,329.59 hectare-metre. Stage 233.09 percent. Irrigation extraction 160,446 hectare-metre. The printed stage is at or above 100. It is not painted on the polygon.

Agricultural water for 2024-2025: Same name. Printed name Moga. Net area sown 194,202 hectares. Net irrigated 194,202 hectares. Canal not printed hectares. Tubewell 194,202 hectares. Gross canal not printed hectares. Gross tubewell 390,564 hectares. Gross irrigated 390,564 hectares. Canal and tubewell hectares are not a command and not a percent share.

Rice 184.768 thousand hectares, rice irrigated 184,768 hectares. Wheat 176.035 thousand hectares, wheat irrigated 176,035 hectares. Sugarcane 0.058 thousand hectares, sugarcane irrigated 58 hectares. Maize irrigated 227 hectares. Cotton irrigated 64 hectares. Rapeseed and mustard irrigated 957 hectares. Fodder irrigated 18,141 hectares. These irrigated crop cells are not divided by the tubewell hectares.

Rainfall: Same name. Printed name Moga. 2021, the T0 column, is 390 mm. 2016 is 458.9 mm. 2011 is 295.3 mm. 2001 is 214.8 mm. The state rainfall is not this district's rainfall.

No 2021 groundwater TDS mean is written for this district.

Sangrur

Sangrur is PB-20 in C3 Malwa. Geometry on this clip is LIVE. LGD code 043. No node is hosted here.

Groundwater 2025: Same name. PDF name Sangrur. Recharge 70,252.95 hectare-metre. Extractable resource 63,227.66 hectare-metre. Extraction 195,997.9 hectare-metre. Stage 309.99 percent. Irrigation extraction 189,450.32 hectare-metre. The printed stage is at or above 100. It is not painted on the polygon.

Agricultural water for 2024-2025: Same name. Printed name Sangrur. Net area sown 255,049 hectares. Net irrigated 255,049 hectares. Canal 84,686 hectares. Tubewell 170,363 hectares. Gross canal 85,832 hectares. Gross tubewell 423,609 hectares. Gross irrigated 509,441 hectares. Canal and tubewell hectares are not a command and not a percent share.

Rice 240.816 thousand hectares, rice irrigated 240,816 hectares. Wheat 240.088 thousand hectares, wheat irrigated 240,088 hectares. Sugarcane 0.533 thousand hectares, sugarcane irrigated 533 hectares. Maize irrigated 65 hectares. Cotton irrigated 993 hectares. Rapeseed and mustard irrigated 1,630 hectares. Fodder irrigated 21,420 hectares. These irrigated crop cells are not divided by the tubewell hectares.

Rainfall: Same name. Printed name Sangrur. 2021, the T0 column, is 337.3 mm. 2016 is 377.5 mm. 2011 is 30.5 mm. 2001 is 173.8 mm. The state rainfall is not this district's rainfall.

Groundwater TDS for 2021 is a station mean of 893.75 mg/L from 2 sample or samples. The source spelling on the join sheet is SANGRUR. The mean is not painted on the district.

Sri Muktsar Sahib

Sri Muktsar Sahib is PB-22 in C3 Malwa. Geometry on this clip is LIVE. LGD code 039. No node is hosted here.

Groundwater 2025 does not join. The register name is Sri Muktsar Sahib. No recharge, extractable resource, extraction, stage, or irrigation extraction is written on this row.

The 2024-2025 crop and irrigation cells are not on this register name. If the statistical report prints a different spelling, that row is kept under the printed spelling and is not copied here.

Rainfall: Same name. Printed name Sri Muktsar Sahib. 2021, the T0 column, is 426.3 mm. 2016 is 351.9 mm. 2011 is 106.5 mm. 2001 is 335 mm. The state rainfall is not this district's rainfall.

Groundwater TDS for 2021 is a station mean of 2,224.62 mg/L from 6 sample or samples. The source spelling on the join sheet is MUKATSAR. The mean is not painted on the district.

C4 Puadh

Formation

Sutlej exit from the Shivalik, and the Ghaggar side

Water is lived where the Sutlej leaves the Shivalik and the Ghaggar system takes the eastern districts. No district is split to reconcile this with the three-region cultural list, which still calls these four Malwa.

C4 holds 4 districts, each whole: Fatehgarh Sahib, Patiala, Rupnagar, S.A.S Nagar. No tehsil is split out to make the count. Membership is how the water is lived. The code is not a stress rank and the tract holds no figure.

A district leaves this tract only if the register is reformed. It does not leave because a tehsil is busy, or because a city inside it is a node. Where a node sits on a member, the node remains that city and leaves the other members whole.

Three-region cultural list: these four districts are called Malwa. Kept, not overwritten.

The tract text says Sutlej and Ghaggar. The drawn lines keep their published names, including Satluj River and Ghagghar. Those spellings are not joined.

The record

Each member is read on its own page from the joined cells only. Where a city node sits on a member, the node still holds none of that member's figures. The pages are not added into a tract recharge, a tract stage, or a tract irrigated area.

What stays open

A tract total is not formed. A quality stretch is not formed from a river name. Crop by groundwater is not formed from rice hectares and tubewell hectares.

Fatehgarh Sahib

Fatehgarh Sahib is PB-05 in C4 Puadh. Geometry on this clip is LIVE. LGD code 030. No node is hosted here.

Groundwater 2025: Same name. PDF name Fatehgarh Sahib. Recharge 39,729.99 hectare-metre. Extractable resource 35,756.99 hectare-metre. Extraction 65,125.37 hectare-metre. Stage 182.13 percent. Irrigation extraction 59,992.87 hectare-metre. The printed stage is at or above 100. It is not painted on the polygon.

Agricultural water for 2024-2025: Same name. Printed name Fatehgarh sahib. Net area sown 101,953 hectares. Net irrigated 101,953 hectares. Canal 33 hectares. Tubewell 101,920 hectares. Gross canal 41 hectares. Gross tubewell 191,660 hectares. Gross irrigated 191,701 hectares. Canal and tubewell hectares are not a command and not a percent share.

Rice 87.656 thousand hectares, rice irrigated 87,656 hectares. Wheat 85.107 thousand hectares, wheat irrigated 85,107 hectares. Sugarcane 2.411 thousand hectares, sugarcane irrigated 2,411 hectares. Maize irrigated 221 hectares. Cotton irrigated not printed hectares. Rapeseed and mustard irrigated 955 hectares. Fodder irrigated 9,790 hectares. These irrigated crop cells are not divided by the tubewell hectares.

Rainfall: Same name. Printed name Fatehgarh Sahib. 2021, the T0 column, is 530.3 mm. 2016 is 304.6 mm. 2011 is 206.9 mm. 2001 is 362.3 mm. The state rainfall is not this district's rainfall.

Groundwater TDS for 2021 is a station mean of 981.5 mg/L from 5 sample or samples. The source spelling on the join sheet is FATEHGARH SAHIB. The mean is not painted on the district.

Patiala

Patiala is PB-17 in C4 Puadh. Geometry on this clip is LIVE. LGD code 041. Node on this district: N5.

Groundwater 2025: Same name. PDF name Patiala. Recharge 100,190.99 hectare-metre. Extractable resource 90,645.7 hectare-metre. Extraction 189,026.55 hectare-metre. Stage 208.53 percent. Irrigation extraction 180,345.91 hectare-metre. The printed stage is at or above 100. It is not painted on the polygon.

Agricultural water for 2024-2025: Same name. Printed name Patiala. Net area sown 256,592 hectares. Net irrigated 256,592 hectares. Canal 497 hectares. Tubewell 256,095 hectares. Gross canal 2,128 hectares. Gross tubewell 500,283 hectares. Gross irrigated 502,411 hectares. Canal and tubewell hectares are not a command and not a percent share.

Rice 233.181 thousand hectares, rice irrigated 233,181 hectares. Wheat 231.289 thousand hectares, wheat irrigated 231,289 hectares. Sugarcane 1.386 thousand hectares, sugarcane irrigated 1,386 hectares. Maize irrigated 675 hectares. Cotton irrigated 45 hectares. Rapeseed and mustard irrigated 1,197 hectares. Fodder irrigated 22,476 hectares. These irrigated crop cells are not divided by the tubewell hectares.

Rainfall: Same name. Printed name Patiala. 2021, the T0 column, is 678.4 mm. 2016 is 325.6 mm. 2011 is 79.5 mm. 2001 is 622.9 mm. The state rainfall is not this district's rainfall.

Groundwater TDS for 2021 is a station mean of 1,731.17 mg/L from 3 sample or samples. The source spelling on the join sheet is PATIALA. The mean is not painted on the district.

Rupnagar

Rupnagar is PB-18 in C4 Puadh. Geometry on this clip is LIVE. LGD code 042. No node is hosted here.

Groundwater 2025: Same name. PDF name Rupnagar. Recharge 41,898.64 hectare-metre. Extractable resource 39,343.06 hectare-metre. Extraction 36,509.16 hectare-metre. Stage 92.8 percent. Irrigation extraction 32,962.6 hectare-metre. The printed stage is below 100. It is not painted on the polygon.

Agricultural water for 2024-2025: Same name. Printed name Rupnagar. Net area sown 76,867 hectares. Net irrigated 76,867 hectares. Canal 2,266 hectares. Tubewell 74,601 hectares. Gross canal 5,286 hectares. Gross tubewell 126,392 hectares. Gross irrigated 131,678 hectares. Canal and tubewell hectares are not a command and not a percent share.

Rice 41.639 thousand hectares, rice irrigated 41,639 hectares. Wheat 67.266 thousand hectares, wheat irrigated 65,591 hectares. Sugarcane 2.292 thousand hectares, sugarcane irrigated 2,292 hectares. Maize irrigated 7,060 hectares. Cotton irrigated not printed hectares. Rapeseed and mustard irrigated 2,551 hectares. Fodder irrigated 9,431 hectares. These irrigated crop cells are not divided by the tubewell hectares.

Rainfall: Same name. Printed name Rupnagar. 2021, the T0 column, is 758.3 mm. 2016 is 845 mm. 2011 is 11.9 mm. 2001 is 760.2 mm. The state rainfall is not this district's rainfall.

Groundwater TDS for 2021 is a station mean of 1,078.24 mg/L from 4 sample or samples. The source spelling on the join sheet is ROPAR. The mean is not painted on the district.

S.A.S Nagar

S.A.S Nagar is PB-19 in C4 Puadh. Geometry on this clip is LIVE. LGD code 608. Node on this district: N6.

Groundwater 2025: Same letters. PDF name SAS Nagar. Recharge 22,650.41 hectare-metre. Extractable resource 20,385.37 hectare-metre. Extraction 23,831.21 hectare-metre. Stage 116.9 percent. Irrigation extraction 16,165.28 hectare-metre. The printed stage is at or above 100. It is not painted on the polygon.

Agricultural water for 2024-2025: Same name. Printed name S.a.s nagar. Net area sown 85,090 hectares. Net irrigated 85,090 hectares. Canal not printed hectares. Tubewell 85,090 hectares. Gross canal not printed hectares. Gross tubewell 109,158 hectares. Gross irrigated 109,158 hectares. Canal and tubewell hectares are not a command and not a percent share.

Rice 32.711 thousand hectares, rice irrigated 32,711 hectares. Wheat 51.585 thousand hectares, wheat irrigated 51,495 hectares. Sugarcane 1.512 thousand hectares, sugarcane irrigated 1,512 hectares. Maize irrigated 3,583 hectares. Cotton irrigated not printed hectares. Rapeseed and mustard irrigated 927 hectares. Fodder irrigated 14,661 hectares. These irrigated crop cells are not divided by the tubewell hectares.

Rainfall: Same letters. Printed name SAS Nagar. 2021, the T0 column, is 492.1 mm. 2016 is 586 mm. 2011 is 17 mm. 2001 is not printed mm. The state rainfall is not this district's rainfall.

Groundwater TDS for 2021 is a station mean of 1,790.75 mg/L from 4 sample or samples. The source spelling on the join sheet is MOHALI. The mean is not painted on the district.

Agricultural Water

Crop year 2024-2025. Hectares as printed on the district land-use report. Rice, wheat and sugarcane also sit on the master as thousand hectares, which is the hectare figure divided by one thousand. The other crops are shown here in hectares and are not new master codes.

State net area sown 4,102,587 hectares. State net irrigated 4,001,128. State gross irrigated 7,690,681.

District	Rice 000 ha	Wheat 000 ha	Maize irrigated ha	Cotton irrigated ha	Tubewell ha
Amritsar	187.1	186.351	393	not printed	201,135
Barnala	114.463	114.312	102	1,268	63,365
Bathinda	216.479	255.333	129	41,082	56,422
Faridkot	117.153	114.847	15	324	70,255
Fatehgarh Sahib	87.656	85.107	221	not printed	101,920
Fazilka	128.066	196.587	419	70,369	26,241
Ferozepur	-	-	-	-	-
Gurdaspur	173.172	185.991	287	not printed	185,798
Hoshiarpur	79.551	145.691	34,828	1	196,103
Jalandhar	175.509	173.382	4,295	4	242,533
Kapurthala	116.608	107.535	1,184	not printed	28,315
Ludhiana	258.069	240.202	506	4	282,797
Malerkotla	53.22	52.305	168	58	58,357
Mansa	143.777	172.15	68	29,522	50,060
Moga	184.768	176.035	227	64	194,202
Pathankot	27.282	40.184	472	not printed	36,805
Patiala	233.181	231.289	675	45	256,095
Rupnagar	41.639	67.266	7,060	not printed	74,601

District	Rice 000 ha	Wheat 000 ha	Maize irrigated ha	Cotton irrigated ha	Tubewell ha
S.A.S Nagar	32.711	51.585	3,583	not printed	85,090
Sangrur	240.816	240.088	65	993	170,363
Shahid Bhagat Singh Nagar	-	-	-	-	-
Sri Muktsar Sahib	-	-	-	-	-
Tarn Taran	185.237	192.894	133	not printed	208,537

Printed names that did not join the register

The report prints Firozepur, Muktsar and Nawanshahr. Those strings are not written onto Ferozepur, Sri Muktsar Sahib or Shahid Bhagat Singh Nagar. The figures stay under the printed names.

Printed name	Net irrigated	Canal	Tubewell	Maize irrigated	Cotton irrigated	Fodder irrigated
Firozepur	218,250	63,340	154,910	107	7	16,457
Muktsar	229,531	2,348	227,183	221	16,799	13,145
Nawanshahr	93,550	not printed	93,550	5,429	not printed	11,807

Groundwater 2025

Hectare-metre. Stage is the printed percent. Irrigation extraction is the annexure column, shown beside the district. It is not a crop share and it is not written as a new master code. The Join column reads Same name when the printed name matches the register, and Same letters when the letters match and the punctuation does not. S.A.S Nagar matches SAS Nagar on the letters. SBS Nagar does not match Shahid Bhagat Singh Nagar.

District	Join	Recharge	Extractable	Extraction	Irrigation	Stage
Amritsar	Same name	139,004.6	124,711.65	199,943.98	188,994.67	160.33
Barnala	Same name	54,325.57	48,893.01	107,249.28	104,683.61	219.36
Bathinda	Same name	136,960.35	123,264.31	157,825.23	154,989.72	128.04
Faridkot	Same name	46,822.62	43,046.68	51,318.27	50,285.47	119.22
Fatehgarh Sahib	Same name	39,729.99	35,756.99	65,125.37	59,992.87	182.13
Fazilka	Same name	73,540.71	66,186.63	43,141.14	41,235.94	65.18
Ferozepur	Not joined	not printed	not printed	not printed	not printed	not printed
Gurdaspur	Same name	154,067.08	136,765.79	165,672.55	158,465.08	121.14
Hoshiarpur	Same name	90,479.81	80,412.83	100,362.62	93,537.38	124.81
Jalandhar	Same name	95,776.84	86,196.69	242,359.13	223,357.63	281.17
Kapurthala	Same name	62,665.8	56,633.74	137,596.23	131,638.89	242.96
Ludhiana	Same name	136,489.67	123,365.4	240,136.75	212,709.16	194.65
Malerkotla	Same name	21,593.08	19,433.77	58,676.84	56,132.45	301.93
Mansa	Same name	79,831.15	71,848.03	78,105.53	77,767.09	108.71
Moga	Same name	77,890.7	70,072.86	163,329.59	160,446	233.09
Pathankot	Same name	48,104.68	43,294.2	17,773.52	14,747.46	41.05
Patiala	Same name	100,190.99	90,645.7	189,026.55	180,345.91	208.53
Rupnagar	Same name	41,898.64	39,343.06	36,509.16	32,962.6	92.8
S.A.S Nagar	Same letters	22,650.41	20,385.37	23,831.21	16,165.28	116.9
Sangrur	Same name	70,252.95	63,227.66	195,997.9	189,450.32	309.99
Shahid Bhagat Singh Nagar	Not joined	not printed	not printed	not printed	not printed	not printed
Sri Muktsar Sahib	Not joined	not printed	not printed	not printed	not printed	not printed
Tarn Taran	Same name	70,108.95	65,592.76	132,817.11	127,942.18	202.49

Joined districts whose printed stage is at or above 100. Not painted on the map.

District	Stage percent
Amritsar	160.33
Barnala	219.36
Bathinda	128.04
Faridkot	119.22
Fatehgarh Sahib	182.13
Gurdaspur	121.14
Hoshiarpur	124.81
Jalandhar	281.17
Kapurthala	242.96
Ludhiana	194.65
Malerkotla	301.93
Mansa	108.71
Moga	233.09
Patiala	208.53
S.A.S Nagar	116.9
Sangrur	309.99
Tarn Taran	202.49

Rainfall

Millimetres. State row for 2021: 556.9. Not a district value. Earlier columns are the printed years on the same table. They are not a fitted trend.

District	Printed	Join	2021	2016	2011	2001
Amritsar	Amritsar	Same name	518.4	552.1	332.2	350.7
Barnala	Barnala	Same name	315.2	330	235.1	not printed
Bathinda	Bathinda	Same name	492.6	357.5	132.2	197.8
Faridkot	Faridkot	Same name	510.6	412.6	9	253.7
Fatehgarh Sahib	Fatehgarh Sahib	Same name	530.3	304.6	206.9	362.3
Fazilka	Fazilka	Same name	not printed	not printed	not printed	not printed
Ferozepur	Ferozepur	Same name	437.9	131.5	61.8	107.3
Gurdaspur	Gurdaspur	Same name	714.8	944.8	640.3	1,066.7
Hoshiarpur	Hoshiarpur	Same name	470.3	444.1	673.8	467.3
Jalandhar	Jalandhar	Same name	828.3	326.6	799.8	399
Kapurthala	Kapurthala	Same name	1,108.3	764.8	7	704
Ludhiana	Ludhiana	Same name	725.5	359.1	68.6	621.4
Malerkotla		Not joined	not printed	not printed	not printed	not printed
Mansa	Mansa	Same name	211.8	203	105.5	271.3
Moga	Moga	Same name	390	458.9	295.3	214.8
Pathankot	Pathankot	Same name	not printed	not printed	not printed	not printed
Patiala	Patiala	Same name	678.4	325.6	79.5	622.9
Rupnagar	Rupnagar	Same name	758.3	845	11.9	760.2
S.A.S Nagar	SAS Nagar	Same letters	492.1	586	17	not printed
Sangrur	Sangrur	Same name	337.3	377.5	30.5	173.8
Shahid Bhagat Singh Nagar		Not joined	not printed	not printed	not printed	not printed
Sri Muktsar Sahib	Sri Muktsar Sahib	Same name	426.3	351.9	106.5	335
Tarn Taran	Tarn Taran	Same name	401.6	341	2	not printed

Groundwater Quality

T0 is the 2021 station mean of total dissolved solids, in milligrams per litre, where that year has a sample above zero. A mean is not painted on the district. Barnala, Gurdaspur, Moga and Pathankot have no 2021 sample. Malerkotla is not in the file. Source spellings MOHALI, ROPAR, SBS NAGAR and MUKATSAR stay on the join sheet and are not written over the register names.

District	Source spelling	Samples 2021	Mean TDS
Amritsar	AMRITSAR	1	500.5
Barnala	BARNALA	not printed	not printed
Bathinda	BATHINDA	7	1,612.93
Faridkot	FARIDKOT	4	1,394.25
Fatehgarh Sahib	FATEHGARH SAHIB	5	981.5
Fazilka	FAZILKA	2	1,436.5
Ferozepur	FEROZEPUR	1	1,963
Gurdaspur	GURDASPUR	not printed	not printed
Hoshiarpur	HOSHIARPUR	2	794.62
Jalandhar	JALANDHAR	6	970.89
Kapurthala	KAPURTHALA	1	2,431
Ludhiana	LUDHIANA	5	1,385.8
Malerkotla		not printed	not printed
Mansa	MANSA	3	1,239.33
Moga	MOGA	not printed	not printed
Pathankot	PATHANKOT	not printed	not printed
Patiala	PATIALA	3	1,731.17
Rupnagar	ROPAR	4	1,078.24
S.A.S Nagar	MOHALI	4	1,790.75
Sangrur	SANGRUR	2	893.75
Shahid Bhagat Singh Nagar	SBS NAGAR	1	555.75
Sri Muktsar Sahib	MUKATSAR	6	2,224.62
Tarn Taran	TARN TARAN	1	637

The Amritsar station on the point plate is site Amritsar, published district AMRITSAR, 30 May 2021, 500.5 mg/L. The district mean is the same number because that year has one sample. The point and the mean are still not the same kind of object. The point is not painted as the district.

Stations

Each row is one station, kept as published. A point is not a district value. Groundwater level is metres as printed, not an extraction-stage percentage. River discharge is cubic metres per second. Gate discharge is cusec, and gates that share a coordinate are not added together.

Surface water quality. One latest sample. Dissolved oxygen and pH where the sample has them.

A river name is present on four stations only: three on Ravi, and Pindi Parolian on Ujh. Goindwal, published district KAPURTHALA, is 9.2 mg/L and pH 8.0 on 13 Dec 2021, and the station name is not read as a river.

Station	Published district	Date	DO	pH	River
BEAS AT 100M D/S INDUST. DISCH. GOINDWAL	KAPURTHALA	2021-12-13	9.2	8	-
BEAS AT 1KM.D/S OF EFFL. DISH. POINT AT MUKERIAN PUNJAB	GURDASPUR	2021-12-10	8	8	-

Station	Published district	Date	DO	pH	River
BEAS AT G.T.ROAD UNDER BDG. NEAR KAPURTHALA	KAPURTHALA	2021-12-13	9.1	8	-
BEAS AT HARIKE PUNJAB	KAPURTHALA	2021-12-13	9.5	7.9	-
BEAS AT MIRTHAL BRIDGE GURDASPUR	GURDASPUR	2021-12-07	9.8	7.9	-
BEAS D/S PATHANKOT PUNJAB	GURDASPUR	2021-12-07	8.1	8	-
BEAS RIVER NR VILL KIRI AFGHANA TEHSIL BATALA GURDASPUR	GURDASPUR	2021-12-22	9	7.8	-
BEAS U/S GOINDWAL PUNJAB	KAPURTHALA	2021-12-13	9.3	8	-
CONFLUENCE POINT OF SARSA NADI WITH WITH RIVER SATLUJ NR VILL ASPUR ROOPNAGAR	MOHALI	2021-12-10	10.4	8.5	-
CONFLUENCE POINT OF SUKHANA CHOE WITH RIVER GHAGGAR VILL MUBARKPUR	PATIALA	2021-12-10	not printed	7.2	-
D/S AFTER MIXING WITH SAGARPARA DRAIN AT VILL RASOULI PATIALA	PATIALA	2021-12-20	2.8	7.4	-
DAIRY COMPLEX TAJPUR ROAD LUDHIANA OPP SATISH DAIRY MEAR AMRIT DHARAM KANTA	LUDHIANA	2021-10-06	not printed	7.6	-
DASHMESH NAGAR GALI NO 12 LUDHIANA	LUDHIANA	2021-10-06	not printed	7.6	-
DERA BASSI PUNJAB	PATIALA	2021-10-15	not printed	8.5	-
DERA BASSI PUNJAB	PATIALA	2021-10-15	not printed	8.4	-
GHAGGAR AT D/S CHHATBIR PUNJAB	PATIALA	2021-12-10	3.7	7.2	-
GHAGGAR AT D/S JHARMAL NADI PUNJAB	MOHALI	2021-12-10	3.5	7.4	-
GHAGGAR AT D/S SARDULGARH PUNJAB	MANSA	2021-12-23	5.1	7.3	-
GHAGGAR AT MOONAK PUNJAB	PATIALA	2021-12-20	3.2	7.7	-
GHAGGAR AT MUBARAKPUR (PUNJAB)	PATIALA	2021-12-06	4.8	7.9	-
GHAGGAR AT MUBARAKPUR REST HOUSE (PATIALA) PUNJAB	PATIALA	2021-12-10	4.6	7.6	-
GHAGGAR AT SIRDULGARH(PUNJAB)	MANSA	2021-11-23	5.6	7.9	-
GHAGGAR AT TIWANA VILLAGE (PUNJAB)	PATIALA	2021-10-11	4.6	7.6	-
GHAGGAR AT U/S JHARMAL NADI PUNJAB	MOHALI	2021-12-10	4	7.6	-
GHAGGAR AT U/S SARDULGARH PUNJAB	MANSA	2021-12-23	5.3	7.2	-
GHAGGAR NEAR BANKARPUR DERA BASSI PUNJAB	PATIALA	2021-12-10	3.4	7.4	-
GROUND WATER SAMPLING BLOCATION IN VILLAGE MAIN	PATIALA	2021-10-11	not printed	8.1	-
GURCHAARAN SINGH HAIBOWAL DAIRY COMPLEX LUDHIANA	LUDHIANA	2021-10-06	not printed	7.6	-
HAMIRA VILLAGE PUNJAB	KAPURTHALA	2021-10-30	not printed	7.5	-
HAMIRA VILLAGE PUNJAB	KAPURTHALA	2021-10-30	not printed	7.4	-
HANDPUMP 149 NEAR SANT PRITAM SCHOOL AMBEY MAJRA MANDI GOBINDGARH	FATEHGARH SAHIB	2021-10-06	not printed	7.7	-
HANDPUMP AT PARK ADJOINING TO NATIONAL INDUSTRIES E-128 PH-IV FOCAL POINT LUDHIANA	LUDHIANA	2021-04-23	not printed	7.3	-
HANDPUMP IN AREA ON SUA ROAD NEAR DHANDARI KALAN LUDHIANA	LUDHIANA	2021-10-11	not printed	7.5	-
HANDPUMP IN M/S DEEP STEEL LTD MUGHAL MAJRA MANDI GOBBINDGARH	FATEHGARH SAHIB	2021-10-06	not printed	7.8	-
HANDPUMP IN SAHOTA BAGHBANI FARM VILL HARIAN MACHIWARA	LUDHIANA	2021-04-23	not printed	7.7	-
HANDPUMP INSTRIAL GROWTH CENTRE DEFENCE ROAD PATHANKOT	GURDASPUR	2021-10-21	not printed	7.7	-
HANDPUMP NEAR ASH DYKES OF NABHA POWER LTD VILL NALASH RAJPURA	PATIALA	2021-10-28	not printed	8	-
HANDPUMP VILL DHERIWAL DIST PATHANKOT	GURDASPUR	2021-10-21	not printed	7.4	-
HARIKE LAKE AT HARIKE VILLAGE PUNJAB	FEROZEPUR	2021-12-13	9	8	-
HARIKE LAKE D/S FROM CANAL PUNJAB	FEROZEPUR	2021-12-13	9.4	7.9	-
KALI BEIN FALLING INTO RIVER BEAS PUNJAB	AMRITSAR	2021-11-18	6.5	7.3	-

Station	Published district	Date	DO	pH	River
LEATHER COMPLEX JALANDHAR PUNJAB	JALANDHAR	2021-10-30	not printed	7.7	-
LEATHER COMPLEX JALANDHAR PUNJAB	JALANDHAR	2021-10-30	not printed	7.6	-
MANDI GOBINDGARH PUNJAB	FATEHGARH SAHIB	2021-10-06	not printed	7.6	-
MANDI GOBINDGARH PUNJAB	FATEHGARH SAHIB	2021-10-06	not printed	7.6	-
MSW DUMPING SITE JAMALPUR	JALANDHAR	2021-10-06	not printed	7.7	-
NEAR HARMANDIR SAHEB AMRITSAR PUNJAB	AMRITSAR	2021-10-05	not printed	7.6	-
NEAR LANDFILL SITE AMRITSAR PUNJAB	AMRITSAR	2021-10-05	not printed	7.7	-
PUNJAB AGRICULTURAL UNIVERSITY LUDHIANA	LUDHIANA	2021-10-06	not printed	7.6	-
RAVI AT U/S OF MADHOPUR HEADWORKS GURDASPUR PUNJAB	GURDASPUR	2021-12-07	8.1	7.8	-
RIVER BALD D/S LANDFILLSITE AT BADDI	PATIALA	2021-12-07	3	8.22	-
RIVER GHAGGAR U/S BEFORE MIXING WITH SAGARPARA DRAIN AT VILL RASOULI DIST PATIALA	PATIALA	2021-12-20	3.3	7.4	-
RIVER RATTA BEFORE CONF. TO RIVER SIRSA	PATIALA	2021-12-09	9.1	8.56	-
RIVER SATLUJ AT ANANDPUR SAHIB	MOHALI	2021-12-07	10.2	8.9	-
RIVER SATLUJ AT BUNGA SAHIB	NAWAN SHAHR	2021-12-10	9.2	8.3	-
RIVER SATLUJ AT JALANDHAR D/S (MALSIAN BRIDGE)	KAPURTHALA	2021-12-16	not printed	7.5	-
RIVER SATLUJ AT JALANDHAR U/S (PEERU SHAH KA DARGAH)	JALANDHAR	2021-12-21	not printed	7.3	-
RIVER SATLUJ AT LUDHIANA D/S	JALANDHAR	2021-12-13	3.4	7.5	-
RIVER SATLUJ AT LUDHIANA U/S	LUDHIANA	2021-12-13	7.6	8.1	-
RIVER SATLUJ AT PHAGWARA D/S (KANGANIWAL BRIDGE)	JALANDHAR	2021-12-21	not printed	7.2	-
RIVER SATLUJ AT PHAGWARA U/S (CHAHERU BRIDGE)	KAPURTHALA	2021-12-21	not printed	7.3	-
RIVER SATLUJ AT PHILLAUR U/S	JALANDHAR	2021-12-21	7.4	7.6	-
RIVER SIRSA D/S HOUSING BOARD NALLAH	PATIALA	2021-12-07	5.5	7.26	-
RIVER SIRSA U/S SANDHOLI NALLAH	PATIALA	2021-12-07	6.6	7.43	-
ROPAR PUNJAB	MOHALI	2021-04-07	not printed	7.5	-
ROPAR PUNJAB	MOHALI	2021-04-07	not printed	7.8	-
SAGAR PARA DRAIN MEETING WITH RIVER GHAGGAR NEAR VILL SAGAR PARA PATRAN	PATIALA	2021-10-11	not printed	7.9	-
SARSA AT BADDI GHANOLI VILLAGE) PUNJAB	MOHALI	2021-10-11	6.2	7.9	-
SATLUJ AT 1 KM. D/S OF ZENITH PUNJAB	NAWAN SHAHR	2021-12-10	9.3	7.8	-
SATLUJ AT 100 MT. D/S OF PACL NANGAL PUNJAB	MOHALI	2021-12-07	10.3	8.6	-
SATLUJ AT 100M D/S BUDHA NALA CONFL. LUDHIANA	JALANDHAR	2021-12-13	not printed	7.3	-
SATLUJ AT 100M D/S NANGAL	MOHALI	2021-12-07	10.8	9.1	-
SATLUJ AT 100M U/S OF HEADWORKS NANGAL	MOHALI	2021-12-07	7.7	8.2	-
SATLUJ AT BOAT BDG. DHARMKOTNAKODAR ROAD JALANDHAR	JALANDHAR	2021-12-14	3.8	7.5	-
SATLUJ AT BRIDGE HARIKE AMRITSAR	FEROZEPUR	2021-12-14	6.9	7.7	-
SATLUJ AT D/S EAST BEIN PUNJAB	JALANDHAR	2021-12-14	2	7.4	-
SATLUJ AT D/S HUSSANIWALA-H/W FEROZEPUR PUNJAB	FEROZEPUR	2021-12-17	6	8.3	-
SATLUJ AT D/S KIRATPUR SAHIB PUNJAB	MOHALI	2021-12-10	9.2	8.4	-
SATLUJ AT D/S NFL PUNJAB	MOHALI	2021-12-07	10.2	8.5	-
SATLUJ AT NANGAL (H.P.)	MOHALI	2021-10-11	9.6	7.6	-
SATLUJ AT NOORPUR BEDI ROAD (PUNJAB)	MOHALI	2021-10-11	9.8	7.7	-
SATLUJ AT U/S BUDHA NALLAH (UPPER) PUNJAB	LUDHIANA	2021-12-13	7.2	7.9	-
SATLUJ AT U/S HEAD WORKS ROPAR	MOHALI	2021-12-10	9.2	7.9	-
SATLUJ AT U/S HUSSANIWALA - H/W FEROZEPUR PUNJAB	FEROZEPUR	2021-12-17	6.2	8.2	-

Station	Published district	Date	DO	pH	River
SHUKLA TEA STAL POINT LUDHIANA	LUDHIANA	2021-04-23	not printed	7.3	-
STP JAMALPUR	JALANDHAR	2021-10-06	not printed	7.6	-
TOANSA PUNJAB	MOHALI	2021-10-28	not printed	8	-
TOANSA PUNJAB	NAWAN SHAHR	2021-10-28	not printed	7.9	-
TSSM SR SEC SCHOOL SHIMLAPURI LUDHIANA	LUDHIANA	2021-10-11	not printed	7.4	-
TUBE WELL AT RSSB TIBBA ROAD LUDHIANA INDUSTRIAL AREA	LUDHIANA	2021-10-06	not printed	7.7	-
Jalali Nallah	PATHANKOT	2023-08-24	9	not printed	Ravi
Kathlour	PATHANKOT	2023-09-21	7.6	not printed	Ravi
Makora Pattan	GURDASPUR	2023-08-25	9	not printed	Ravi
Pindi Parolian	PATHANKOT	2023-08-24	8.2	not printed	Ujh

Groundwater quality stations, 2021. A point is not the district mean.

Site	Published district	Date	TDS mg/L
Ablu	BATHINDA	2021-05-30	2,600
Abohar	FAZILKA	2021-05-30	942.5
Allawalpur	JALANDHAR	2021-05-30	884
Amritsar	AMRITSAR	2021-05-30	500.5
Baja Khana	FARIDKOT	2021-05-30	702
Balochkhera	MUKATSAR	2021-05-30	728
Banur	PATIALA	2021-05-30	3,685.5
Bassi Pathana	FATEHGARH SAHIB	2021-05-30	1,137.5
Begowal	LUDHIANA	2021-05-30	513.5
Bhalan	ROPAR	2021-05-30	516.945
Bhulan	SANGRUR	2021-05-30	650
Chohal	HOSHIARPUR	2021-05-30	1,072.5
Chunni Kalan	FATEHGARH SAHIB	2021-05-30	975
Dalla	KAPURTHALA	2021-05-30	2,431
Danewal Satkosi	FAZILKA	2021-05-30	1,930.5
Dera Bassi	MOHALI	2021-05-30	3,126.5
Dheri	MOHALI	2021-05-30	377
Dhilwan Kalan	FARIDKOT	2021-05-30	1,410.5
Doda	MUKATSAR	2021-05-30	2,665
Dohak	MUKATSAR	2021-05-30	747.5
Dumewal	ROPAR	2021-05-30	2,028
Fatehgarh Sahib	FATEHGARH SAHIB	2021-05-30	396.5
Ghanauri Kalan	SANGRUR	2021-05-30	1,137.5
Ghudda	BATHINDA	2021-05-30	1,852.5
Gohiran	JALANDHAR	2021-05-30	358.865
goraya	JALANDHAR	2021-05-30	1,293.5
Hari Majra	PATIALA	2021-05-30	565.5
Jai Singh Wala	FATEHGARH SAHIB	2021-05-30	806
Jalbhe	JALANDHAR	2021-05-30	1,202.5
Jassi Bhagwali	BATHINDA	2021-05-30	897
Jhanduke	BATHINDA	2021-05-30	1,540.5
Joli	MOHALI	2021-05-30	1,417
Kakrali	ROPAR	2021-05-30	1,170
Kalsian	LUDHIANA	2021-05-30	2,723.5
Kami Kalan	PATIALA	2021-05-30	942.5

Site	Published district	Date	TDS mg/L
Kot Kapura	FARIDKOT	2021-05-30	1,332.5
Kot Shamir	BATHINDA	2021-05-30	832
Kotla	ROPAR	2021-05-30	598
Kotra Kalan	MANSA	2021-05-30	728
Labanianwali	MUKATSAR	2021-05-30	942.5
Lambi	MUKATSAR	2021-05-30	7,735
Lil	LUDHIANA	2021-05-30	1,209
Matta	FARIDKOT	2021-05-30	2,132
Mofar	MANSA	2021-05-30	2,275
Mohawa	TARN TARAN	2021-05-30	637
Muktsar	MUKATSAR	2021-05-30	529.75
Pawala	FATEHGARH SAHIB	2021-05-30	1,592.5
Phul	BATHINDA	2021-05-30	968.5
Piyarana	FEROZEPUR	2021-05-30	1,963
Punjeta	LUDHIANA	2021-05-30	903.5
Rahon	SBS NAGAR	2021-05-30	555.75
Raike Kalan	BATHINDA	2021-05-30	2,600
Ralla	MANSA	2021-05-30	715
Sarih	JALANDHAR	2021-05-30	708.5
Sherian	LUDHIANA	2021-05-30	1,579.5
Sirsini	MOHALI	2021-05-30	2,242.5
Thakarwala	HOSHIARPUR	2021-05-30	516.75
Udhopur	JALANDHAR	2021-05-30	1,378

River level. Metres as printed. Not a flood class.

Station	Published district	Date	Metres
Mirzapur Dam	SAS NAGAR	2024-03-30	373.621
Patiari	SAS NAGAR	2022-06-21	373.666
Saleran Dam_0	HOSHIARPUR	2025-12-23	401.006
Saleran Dam_1	HOSHIARPUR	2023-01-19	397

River discharge. Cubic metres per second. A station name is not a river.

Station	Published district	Date	m3/s
Amritsar_Jandiala_RD-114750_SB	AMRITSAR	2025-09-22	380.09
Amritsar_Jandiala_RD-127250_SB	AMRITSAR	2025-09-22	196.37
Amritsar_Jandiala_RD-94527_SB	GURDASPUR	2025-09-22	0
Amritsar_Jandiala_RD108260_KBL	AMRITSAR	2025-09-22	664.23
Amritsar_Jandiala_RD134070_KBL	AMRITSAR	2025-09-22	567.32
Amritsar_Jandiala_RD150_Khemkaran_Distributory	TARN TARAN	2025-09-22	256.47
Amritsar_Jandiala_RD150_Tarntaran_Distributory	TARN TARAN	2025-09-22	109.89
Amritsar_Jandiala_RD168400_KBL	AMRITSAR	2025-09-22	241.6
Amritsar_Jandiala_RD229606_KBL	TARN TARAN	2025-09-22	0
Amritsar_Jandiala_RD_150_Jamarai_Distributory_	AMRITSAR	2025-09-22	4.96
Amritsar_Jandiala_RD_300_Patti_Distributory_SB	TARN TARAN	2025-09-22	48.79
Amritsar_Jandiala_RD_50_Atwal_Distbtry	GURDASPUR	2025-09-22	15.41
Amritsar_Jandiala_RD_50_Babowal_Disttry	GURDASPUR	2025-09-22	5.18
Amritsar_Jandiala_RD_50_Khemkarn_Minor	TARN TARAN	2025-09-22	36.25
Amritsar_Jandiala_RD_50_Raipur_Disttry	AMRITSAR	2025-09-22	108.7
Amritsar_Jandiala_RD_50_Rasulpur_Distributory_	TARN TARAN	2025-09-22	108.67

Station	Published district	Date	m3/s
Amritsar_Jandiala_RD_50_Tangra_Disttry	GURDASPUR	2025-09-22	51.17
Amritsar_Jandiala_RD_750_Bhinder_Distributory	AMRITSAR	2025-09-22	128.48
Amritsar_Majitha_Div_RD_0_Majitha_Distributory_MBU	GURDASPUR	2025-09-22	137.38
Amritsar_Majitha_R_D_00_Udhowali_Distributory_	GURDASPUR	2025-09-22	0
Amritsar_Majitha_RD_00_Aliwal_Distributory_MBU	GURDASPUR	2025-09-22	0
Amritsar_Majitha_RD_00_Chabal_Distributory_MBL	AMRITSAR	2025-09-22	82.48
Amritsar_Majitha_RD_00_Chheharta_Distributory_	AMRITSAR	2025-09-22	75.21
Amritsar_Majitha_RD_00_Fatehgarh_Distributory_	GURDASPUR	2025-09-22	27.59
Amritsar_Majitha_RD_00_Hardowal_Minor	GURDASPUR	2025-09-22	0
Amritsar_Majitha_RD_00_Kohali_Distributory_MBL	AMRITSAR	2025-09-22	74.18
Amritsar_Majitha_RD_00_Pull_Distty_MBU_	AMRITSAR	2025-09-22	174.5
Amritsar_Majitha_RD_00_Theriwal_Distry_	GURDASPUR	2025-09-22	68.58
Amritsar_Majitha_RD_0_Amritsar_Distributory MBL	AMRITSAR	2025-09-22	150.27
Amritsar_Majitha_RD_0_Baserke_Distributory_MBL	TARN TARAN	2025-09-22	0
Amritsar_Majitha_RD_0_Dhianpur_Distributory_MBU	GURDASPUR	2025-09-22	59.54
Amritsar_Majitha_RD_0_Doburji_Distributory_MBL	AMRITSAR	2025-09-22	0
Amritsar_Majitha_RD_0_Main_Branch_Lower	GURDASPUR	2025-09-22	0
Amritsar_Majitha_RS_00_Ajnala_Distributory_MBU	GURDASPUR	2025-09-22	158.23
BDC_GWD_Banga_Distributory_RD_85000	SBS NAGAR	2025-09-22	86.37
BDC_GWD_Goraya_Distributory_RD_35290	JALANDHAR	2025-09-22	69.59
BDC_GWD_Nawanshahr_Branch_RD_0	SBS NAGAR	2025-09-22	409.43
BDC_GWD_Phillaur_DistributoryRD_44382	JALANDHAR	2025-09-22	155.54
BDC_GWD_Sarih_Distributry_RD_0	JALANDHAR	2025-09-22	98.39
BDC_Jalandhar_Distributory_RD_114500	JALANDHAR	2025-09-22	77.92
BDC_Jalandhar_Distributory_RD_127500	HOSHIARPUR	2025-09-22	263.18
BDC_Jalandhar_Distributory_RD_66054	HOSHIARPUR	2025-09-22	206.57
BDC_Jalandhar_Distributory_RD_90000	JALANDHAR	2025-09-22	112.1
BDC_Jalandhar_Distributory_RD_90000	HOSHIARPUR	2025-09-22	524.19
BDC_Jalandhar_distributry_RD_0	JALANDHAR	2025-09-22	177.17
BDC_Jalandhar_distributry_RD_0	SBS NAGAR	2025-09-22	278.82
BDC_Jalandhar_distry_RD_46500_	JALANDHAR	2025-09-22	249.92
BDC_Nawanshahr_Branch_RD_31050	SBS NAGAR	2025-09-22	374.85
BDC_Nawanshahr_Branch_RD_75000	JALANDHAR	2025-09-22	249.65
Bist_Doab_Canal_Banga_Distributory_RD_0	SBS NAGAR	2025-09-22	0
Bist_Doab_Canal_Mukundpur_Disttry_RD_00	SBS NAGAR	2025-09-22	132.06
Bist_Doab_Canal_RD_11100_	GURDASPUR	2025-09-22	982.82
Bist_Doab_Canal_RD_122050	SBS NAGAR	2025-09-22	601.24
Bist_Doab_Canal_RD_141070	SBS NAGAR	2025-09-22	477.8
Bist_Doab_Canal_RD_93487_	SBS NAGAR	2025-09-22	792.01
Gurdaspur_Gulpur_Escape_RD1500	PATHANKOT	2025-09-22	0
Gurdaspur_GWD_Salampur_Feeder	PATHANKOT	2025-09-22	0
Gurdaspur_Hydel_Channel_Head_R	PATHANKOT	2025-09-22	0
Gurdaspur_M_LineUBDC_Rapid_No2	PATHANKOT	2025-09-22	0
Gurdaspur_Main_Line_UBDC_Head	PATHANKOT	2025-09-22	1
Gurdaspur_MainBranchUpper_RD-0	GURDASPUR	2025-09-22	2
Gurdaspur_MainlineUBDC_RD72720	PATHANKOT	2025-09-22	1
Gurdaspur_MainlineUBDC_RD92000	PATHANKOT	2025-09-22	1
Gurdaspur_MB_Link_AT_RD-31500	PATHANKOT	2025-09-22	0
Gurdaspur_RD186KasurBranchUper	GURDASPUR	2025-09-22	1
Kandi_Canal_01_GWD_RD_00.000KM	HOSHIARPUR	2025-09-22	446.15
Kandi_Canal_01_GWD_RD_29.166KM	HOSHIARPUR	2025-09-22	178.59

Station	Published district	Date	m3/s
Kandi_Canal_01_GWD_RD_59.465KM	HOSHIARPUR	2025-09-22	220.81
Kandi_Canal_03_GWD_RD_59.500KM	HOSHIARPUR	2025-09-22	118.93
Kandi_Canal_03_GWD_RD_71.084KM	HOSHIARPUR	2025-09-22	89.23
Kandi_Canal_03_GWD_RD_88.900KM	HOSHIARPUR	2025-09-22	56.91
Madhopur_Canal & GWD_Kalanaur_Distributory_Galhari_Head	GURDASPUR	2025-09-22	0
Madhopur_Canal_Batala_Distributory_Head	GURDASPUR	2025-09-22	40.63
Madhopur_Canal_GWD_Harindra_Feeder_Head	GURDASPUR	2025-09-22	0
Madhopur_Canal_Harpur_Distributory_Head	GURDASPUR	2025-09-22	15.54
Madhopur_Canal_Kasoor_Branch_Lower_Head	GURDASPUR	2025-09-22	875.88
Madhopur_Canal_Ramdas_Distributory_Head	GURDASPUR	2025-09-22	286.27
Madhopur_Canal_Riarki_Distributory_Head	GURDASPUR	2025-09-22	160.37
RD 0 of LB at Aliwal D	GURDASPUR	2025-09-22	0
RD 0 of MBL at Aliwal	GURDASPUR	2025-09-22	0
RD 0 of MBU at Tibri D	GURDASPUR	2025-09-22	9.222
RD 1000 of KBL at Sathiali	GURDASPUR	2025-09-22	0
RD 1100 of Gulpur escape	PATHANKOT	2025-09-22	0.227
RD 1525 of KN at Aliwal	GURDASPUR	2025-09-22	0
RD 31500 of MB Link , Bharfani Mandir	PATHANKOT	2025-09-22	0
RD 77060 at Bhimpur	PATHANKOT	2025-09-22	0
RD 796 of Hyd, Madhpour D	PATHANKOT	2025-09-22	0
RD 8500 of ML UBDC	PATHANKOT	2025-09-22	0
RD 8939 of SB at Nainokot	GURDASPUR	2025-09-22	208.492
RD 92000 at Tughial Fall	GURDASPUR	2025-09-22	0
Talwara_Div_FeederNo1_RD18.624	HOSHIARPUR	2025-09-22	64.3
Talwara_Div_FeederNo2_RD6700KM	HOSHIARPUR	2025-09-22	5.56
Talwara_Div_Head_Shah_Nehar_Major_Distributory_Lower	HOSHIARPUR	2025-09-22	49.84
Talwara_Div_NalaSingh_Distributory_Head	HOSHIARPUR	2025-09-22	19.07
Talwara_Divsn_Tail_RD_8.430_KM	HOSHIARPUR	2025-09-22	0.29

Gate discharge. Cusec as printed. The gates below are not a sum.

Four latest samples share the published coordinate 75.89437, 31.95544 and stay on one point.

Mukerian Hydel Channel HR, 2025-10-23, gate 1: 4.6 cusec.

Shahnehar Barrage, 2025-10-22, gate 21: 1,230 cusec.

Shahnehar Barrage, 2025-10-22, gate 34: 9,858 cusec.

These three gates are not added together, and they are not a command area.

Groundwater level stations drawn inside the 22 polygons: 1082. Each entry is the latest sample at that station, in metres as printed. It is not a district groundwater level and not an extraction-stage percentage.

Aallo Batti-Pz
Published district HOSHIARPUR. 2022-08-20. 2.87 metres, as printed.

Ablu
Published district BATHINDA. 2024-01-01. 13.09 metres, as printed.

Abohar
Published district FAZILKA. 2024-01-01. 2.85 metres, as printed.

Abulkharana-Pz
Published district MUKATSAR. 2022-05-20. 3.54 metres, as printed.

Adampur 1(d)
Published district JALANDHAR. 2024-01-01. 23.29 metres, as printed.

Adampur 2(m)
Published district JALANDHAR. 2024-01-01. 26.05 metres, as printed.

Adampur 3(s)
Published district JALANDHAR. 2023-11-01. 28.74 metres, as printed.

Adarman-Pz
Published district JALANDHAR. 2022-08-20. 26.25 metres, as printed.

Adowal Garhi-Pz
Published district HOSHIARPUR. 2022-08-01. 24.2 metres, as printed.

Ahmedpur
Published district ROPAR. 2024-01-01. 5.75 metres, as printed.

Aima Khurd-Pz
Published district TARN TARAN. 2022-05-20. 16.88 metres, as printed.

Ajnala
Published district AMRITSAR. 2022-05-20. 12.3 metres, as printed.

Akalgarh D
Published district SAS NAGAR. 2024-01-01. 56.52 metres, as printed.

Akalgarh M
Published district SAS NAGAR. 2024-01-01. 58.48 metres, as printed.

Akalgarh S
Published district SAS NAGAR. 2024-01-01. 37.82 metres, as printed.

Akalpur-Pz
Published district JALANDHAR. 2022-08-20. 19.8 metres, as printed.

Akbar Pur M
Published district SANGRUR. 2022-05-20. 28 metres, as printed.

Aklia-Pz
Published district MANSA. 2022-08-20. 28.16 metres, as printed.

Akout OW
Published district PATIALA. 2024-01-01. 38.34 metres, as printed.

Alam Wala
Published district MUKATSAR. 2022-05-20. 5.5 metres, as printed.

Alamgarh
Published district FAZILKA. 2022-08-01. 1.23 metres, as printed.

Alamgir-Pz
Published district LUDHIANA. 2022-08-20. 23.94 metres, as printed.

Alampur Mandran-Pz
Published district MANSA. 2022-05-20. 13 metres, as printed.

Aleke Jalal-Pz
Published district BATHINDA. 2022-08-20. 34.25 metres, as printed.

Alipur Sodhian-Pz
Published district FATEHGARH SAHIB. 2022-08-20. 21.72 metres, as printed.

Alisher Khurd-Pz
Published district MANSA. 2022-08-20. 19.58 metres, as printed.

Aliwal-Pz
Published district LUDHIANA. 2022-08-20. 9.9 metres, as printed.

Allawalpur
Published district JALANDHAR. 2023-11-01. 6.17 metres, as printed.

Allowal pz

Published district PATIALA. 2024-01-01. 22.38 metres, as printed.

Alowal-Pz
Published district SBS NAGAR. 2022-08-20. 9.21 metres, as printed.

Amla Singh Wala-PZ
Published district BARNALA. 2022-08-20. 45.82 metres, as printed.

Amloh1
Published district FATEHGARH SAHIB. 2022-05-20. 27.3 metres, as printed.

Amrali-PZ
Published district ROPAR. 2022-08-20. 19.64 metres, as printed.

Amritsar
Published district AMRITSAR. 2022-11-01. 26.89 metres, as printed.

Amritsar1
Published district AMRITSAR. 2024-01-01. 25.16 metres, as printed.

AMRITSAR_1
Published district AMRITSAR. 2023-01-01. 26.38 metres, as printed.

Antala
Published district MOHALI. 2024-01-01. 2.24 metres, as printed.

Argowal-Pz
Published district HOSHIARPUR. 2022-08-20. 24.64 metres, as printed.

Asifwala-Pz
Published district FAZILKA. 2022-08-20. 5.98 metres, as printed.

Attari-PZ
Published district ROPAR. 2022-08-20. 5.82 metres, as printed.

Aur-PZ
Published district SBS NAGAR. 2023-11-01. 12.97 metres, as printed.

Badali-Pz
Published district ROPAR. 2022-05-20. 17.6 metres, as printed.

Badalialasingh
Published district FATEHGARH SAHIB. 2023-11-01. 39.98 metres, as printed.

Badiala-Pz
Published district BATHINDA. 2024-01-01. 36.63 metres, as printed.

Badla-Pz
Published district HOSHIARPUR. 2022-08-20. 9.67 metres, as printed.

Badrukhan (m)
Published district SANGRUR. 2024-01-01. 43.51 metres, as printed.

Bagarian-Pz
Published district SANGRUR. 2022-11-01. 33.36 metres, as printed.

Bagga Kalan
Published district FATEHGARH SAHIB. 2022-08-20. 29.15 metres, as printed.

Bagher Mohabat Singh-Pz
Published district BATHINDA. 2022-08-20. 12.34 metres, as printed.

Baghora exp well
Published district HOSHIARPUR. 2023-11-01. 55 metres, as printed.

Bagpur-Pz
Published district HOSHIARPUR. 2022-05-20. 11.2 metres, as printed.

Bahadur Pur-Pz
Published district MANSA. 2022-08-20. 22.74 metres, as printed.

Bahara-Pz
Published district SBS NAGAR. 2022-08-20. 20.39 metres, as printed.

Baharam-Pz
Published district SBS NAGAR. 2022-08-20. 25.68 metres, as printed.

Bahla-Pz
Published district TARN TARAN. 2022-05-20. 27.5 metres, as printed.

Bahlora Kallan- Pz
Published district SBS NAGAR. 2024-01-01. 5.53 metres, as printed.

Bahman Kaur Singh-Pz
Published district BATHINDA. 2022-08-20. 9.46 metres, as printed.

Bahman Koer Singh D
Published district BATHINDA. 2024-01-01. 9 metres, as printed.

Bahman Koer Singh M
Published district BATHINDA. 2024-01-01. 10 metres, as printed.

Bahman Koer Singh S
Published district BATHINDA. 2024-01-01. 9.61 metres, as printed.

Bahmna
Published district PATIALA. 2023-11-01. 41.23 metres, as printed.

Bahua-Pz
Published district SBS NAGAR. 2022-08-20. 28.38 metres, as printed.

Baichan-Pz
Published district HOSHIARPUR. 2022-08-20. 24.88 metres, as printed.

Bains
Published district ROPAR. 2022-08-20. 16.55 metres, as printed.

Baja Khana
Published district FARIDKOT. 2024-01-01. 23.18 metres, as printed.

Baje Ke-Pz
Published district MOGA. 2023-11-01. 19.28 metres, as printed.

Bajwa-Pz
Published district AMRITSAR. 2022-05-20. 7.7 metres, as printed.

Bajwara-Pz
Published district HOSHIARPUR. 2022-08-20. 19.94 metres, as printed.

Bakipur-Pz
Published district TARN TARAN. 2022-08-20. 26.21 metres, as printed.

Bakshiwala-PZ
Published district SANGRUR. 2022-08-20. 39.97 metres, as printed.

Bal Kalan-Pz
Published district AMRITSAR. 2022-08-20. 18.22 metres, as printed.

Balachaur1 (d)
Published district SBS NAGAR. 2023-11-01. 25.95 metres, as printed.

Balachaur1 (d)
Published district SBS NAGAR. 2024-01-01. 25.25 metres, as printed.

Balachore

Published district SBS NAGAR. 2022-08-20. 16.62 metres, as printed.

Balaipur-PZ
Published district SBS NAGAR. 2022-08-20. 26.05 metres, as printed.

Balbehra D
Published district PATIALA. 2024-01-01. 39.24 metres, as printed.

Balbehra M
Published district PATIALA. 2024-01-01. 41.65 metres, as printed.

Balbehra S
Published district PATIALA. 2024-01-01. 42.57 metres, as printed.

Balianwali-Pz
Published district BATHINDA. 2022-08-20. 29.24 metres, as printed.

Balluana-Pz
Published district BATHINDA. 2022-08-20. 8.11 metres, as printed.

Balluana1
Published district BATHINDA. 2024-01-01. 5.65 metres, as printed.

Balocha Khera(rasoolpur)
Published district MUKATSAR. 2024-01-01. 1.17 metres, as printed.

Balochkhera
Published district MUKATSAR. 2023-08-20. 1.4 metres, as printed.

Balongi-PZ
Published district MOHALI. 2022-08-20. 44.52 metres, as printed.

Balpur
Published district FATEHGARH SAHIB. 2022-05-20. 25.4 metres, as printed.

Bamyal
Published district PATHANKOT. 2024-01-01. 4.48 metres, as printed.

Banbhaura-PZ
Published district SANGRUR. 2022-08-20. 33.52 metres, as printed.

Bandi-Pz
Published district BATHINDA. 2022-08-20. 4 metres, as printed.

Banga-Pz
Published district SBS NAGAR. 2022-05-20. 22.2 metres, as printed.

Bannawala
Published district FAZILKA. 2023-11-01. 3.58 metres, as printed.

Bara Mansur Wala-Pz
Published district FEROZEPUR. 2022-08-20. 31.81 metres, as printed.

Baraghar-Pz
Published district MOGA. 2022-05-20. 28 metres, as printed.

Barauli-PZ
Published district MOHALI. 2022-08-20. 36.43 metres, as printed.

Bareh-Pz
Published district MANSA. 2022-05-20. 13.3 metres, as printed.

Bariyar
Published district GURDASPUR. 2023-11-01. 37.85 metres, as printed.

Barnala (m)
Published district BARNALA. 2023-11-01. 46.82 metres, as printed.

Barnala (s)
Published district BARNALA. 2023-11-01. 45.69 metres, as printed.

Barwala M
Published district TARN TARAN. 2023-11-01. 26.2 metres, as printed.

Basian Bet D
Published district LUDHIANA. 2023-11-01. 19.43 metres, as printed.

Basian Bet M
Published district LUDHIANA. 2024-01-01. 18.15 metres, as printed.

Basian Bet S
Published district LUDHIANA. 2023-11-01. 17.96 metres, as printed.

BASSI BALLO - D
Published district HOSHIARPUR. 2023-11-01. 58.53 metres, as printed.

BASSI BALLO - S
Published district HOSHIARPUR. 2023-11-01. 46.83 metres, as printed.

BASSI BALLO -M
Published district HOSHIARPUR. 2023-11-01. 27.09 metres, as printed.

Bassi Pathana
Published district FATEHGARH SAHIB. 2023-11-01. 21.26 metres, as printed.

Bassian MGOW
Published district LUDHIANA. 2022-08-20. 38.3 metres, as printed.

Bassma Pipla
Published district PATIALA. 2024-01-01. 5.1 metres, as printed.

Batala-Pz
Published district GURDASPUR. 2022-05-20. 9 metres, as printed.

Bath-Pz
Published district TARN TARAN. 2022-08-20. 24.34 metres, as printed.

Baurhai Khurd D
Published district SANGRUR. 2024-01-01. 31.08 metres, as printed.

Baurhai Khurd M
Published district SANGRUR. 2023-06-01. 31.51 metres, as printed.

Baurhai Khurd S
Published district SANGRUR. 2024-01-01. 31.43 metres, as printed.

Baurhai Khurd_1
Published district SANGRUR. 2024-01-01. 30.74 metres, as printed.

Bauril Harnampur-Pz
Published district KAPURTHALA. 2022-08-20. 19.61 metres, as printed.

Bazirdpura
Published district FAZILKA. 2024-01-01. 6.94 metres, as printed.

Bead Sikhanwala- Pz
Published district FARIDKOT. 2024-01-01. 11.09 metres, as printed.

Beas07
Published district AMRITSAR. 2024-01-01. 14.8 metres, as printed.

Begowal
Published district LUDHIANA. 2023-01-01. 10.22 metres, as printed.

Begowal-Pz

Published district KAPURTHALA. 2022-08-20. 8.03 metres, as printed.

Behabal Kalan-Pz
Published district FARIDKOT. 2022-08-20. 21.67 metres, as printed.

Behniwala-Pz
Published district MANSA. 2022-08-20. 7.11 metres, as printed.

Benra-M
Published district SANGRUR. 2024-01-01. 43.15 metres, as printed.

Benra-PZ-S
Published district SANGRUR. 2023-11-01. 43.71 metres, as printed.

Bera Chauta
Published district ROPAR. 2024-01-01. 2.68 metres, as printed.

Bersa
Published district HOSHIARPUR. 2022-08-20. 16.88 metres, as printed.

Bhadaur-Pz
Published district BARNALA. 2023-11-01. 37.52 metres, as printed.

Bhaddal Tuha-Pz
Published district FATEHGARH SAHIB. 2023-11-01. 27.38 metres, as printed.

Bhadi-PZ
Published district SBS NAGAR. 2022-08-20. 19.36 metres, as printed.

Bhagala-Pz
Published district TARN TARAN. 2022-08-20. 16.52 metres, as printed.

Bhagibandar
Published district BATHINDA. 2024-01-01. 9.03 metres, as printed.

Bhagowal
Published district GURDASPUR. 2024-01-01. 7.61 metres, as printed.

Bhagrana
Published district FATEHGARH SAHIB. 2024-01-01. 1.88 metres, as printed.

Bhagwanpur-Pz
Published district TARN TARAN. 2022-08-20. 17.53 metres, as printed.

Bhagwanpur-Pz
Published district LUDHIANA. 2022-08-20. 16.99 metres, as printed.

Bhahlolpur-DW
Published district LUDHIANA. 2023-01-01. 12.68 metres, as printed.

Bhalaipur-Pz
Published district TARN TARAN. 2022-08-20. 22.7 metres, as printed.

Bhalan
Published district ROPAR. 2022-08-01. 6.4 metres, as printed.

Bhaliana
Published district MUKATSAR. 2024-01-01. 9.98 metres, as printed.

Bhalowal Gujjran-Pz
Published district HOSHIARPUR. 2022-08-20. 39.63 metres, as printed.

Bham
Published district GURDASPUR. 2024-01-01. 16.12 metres, as printed.

Bhamme Kalan-Pz
Published district MANSA. 2022-08-20. 8.3 metres, as printed.

Bhamnaur
Published district HOSHIARPUR. 2022-11-01. 24.01 metres, as printed.

Bhangala-Chhota-DW
Published district HOSHIARPUR. 2023-01-01. 5.25 metres, as printed.

Bhankhar-Pz
Published district PATIALA. 2022-08-20. 39.49 metres, as printed.

Bhanoki-Pz
Published district KAPURTHALA. 2022-08-20. 31.68 metres, as printed.

Bhanowal-Pz
Published district HOSHIARPUR. 2022-08-20. 21.04 metres, as printed.

Bharthala Randhawa-Pz
Published district LUDHIANA. 2022-08-20. 26.6 metres, as printed.

Bhateri
Published district FATEHGARH SAHIB. 2023-06-01. 34.15 metres, as printed.

Bhateri1
Published district FATEHGARH SAHIB. 2023-11-01. 32.34 metres, as printed.

Bhatnura Khurd- D
Published district KAPURTHALA. 2024-01-01. 13.72 metres, as printed.

Bhatnura Khurd- M
Published district KAPURTHALA. 2023-11-01. 16.58 metres, as printed.

Bhatnura Khurd- S
Published district KAPURTHALA. 2024-01-01. 15.26 metres, as printed.

Bhatolian-Pz
Published district HOSHIARPUR. 2022-08-20. 27.67 metres, as printed.

Bhattaywad-Pz
Published district AMRITSAR. 2022-08-20. 13.94 metres, as printed.

Bhatto-PZ
Published district ROPAR. 2022-08-20. 5.45 metres, as printed.

Bhawani Garh-PZ
Published district SANGRUR. 2022-05-20. 42.85 metres, as printed.

Bhawanipur-Pz
Published district KAPURTHALA. 2022-08-20. 13.63 metres, as printed.

Bhikhi 1 (s)
Published district MANSA. 2023-11-01. 22.72 metres, as printed.

Bhikhi 2 (s)
Published district MANSA. 2022-05-20. 21.6 metres, as printed.

Bhikhi Khatron-Pz
Published district LUDHIANA. 2022-08-20. 16.97 metres, as printed.

Bhikhiwind
Published district TARN TARAN. 2022-11-01. 18.99 metres, as printed.

Bhikiwind
Published district TARN TARAN. 2023-01-01. 18.32 metres, as printed.

Bhikiwind- Pz
Published district TARN TARAN. 2023-11-01. 19.29 metres, as printed.

Bhindi Saidan D

Published district AMRITSAR. 2024-01-01. 6.97 metres, as printed.

Bhindi Saidan M
Published district AMRITSAR. 2024-01-01. 6.95 metres, as printed.

Bhindi Saidan S
Published district AMRITSAR. 2024-01-01. 6.92 metres, as printed.

Bhiti Wala-Pz
Published district MUKATSAR. 2022-08-20. 3.99 metres, as printed.

Bhoa
Published district PATHANKOT. 2024-01-01. 4.06 metres, as printed.

Bhogiwal- Pz
Published district SANGRUR. 2022-05-20. 34.6 metres, as printed.

Bhogpur-Pz
Published district JALANDHAR. 2022-08-20. 29.18 metres, as printed.

Bhojo majri 07pz
Published district PATIALA. 2023-11-01. 27.6 metres, as printed.

Bhojowali-Pz
Published district SANGRUR. 2023-11-01. 43.44 metres, as printed.

bholath D
Published district KAPURTHALA. 2022-11-01. 10.67 metres, as printed.

bholath M
Published district KAPURTHALA. 2022-11-01. 11.22 metres, as printed.

bholath S
Published district KAPURTHALA. 2022-11-01. 11.57 metres, as printed.

Bholewal-Pz
Published district AMRITSAR. 2022-05-20. 15.7 metres, as printed.

Bhora-Pz
Published district PATIALA. 2022-05-20. 26.89 metres, as printed.

Bhundri M
Published district LUDHIANA. 2024-01-01. 13.01 metres, as printed.

Bhundri S
Published district LUDHIANA. 2024-01-01. 13.15 metres, as printed.

Bhunerheri-PZ
Published district SANGRUR. 2022-08-20. 42.02 metres, as printed.

Bhunerheri-Pz
Published district PATIALA. 2023-11-01. 34.1 metres, as printed.

Bhura-Pz
Published district TARN TARAN. 2022-08-20. 23.9 metres, as printed.

Bhure-Pz
Published district TARN TARAN. 2022-08-20. 23.09 metres, as printed.

Bhusse-Pz
Published district TARN TARAN. 2022-08-20. 19.54 metres, as printed.

Bilasbal-Pz
Published district GURDASPUR. 2022-08-20. 17.68 metres, as printed.

Bilaspur-Pz
Published district LUDHIANA. 2022-08-20. 11.28 metres, as printed.

Bilaspur-PZ
Published district MOGA. 2022-08-20. 39.26 metres, as printed.

Bilga-Pz
Published district JALANDHAR. 2022-08-20. 33.4 metres, as printed.

Billi Chahanni M
Published district JALANDHAR. 2023-11-01. 34.31 metres, as printed.

Billi Chaharmi D
Published district JALANDHAR. 2024-01-01. 33.1 metres, as printed.

Billi Chaharmi M
Published district JALANDHAR. 2023-08-20. 36.58 metres, as printed.

Billi Chaharmi S
Published district JALANDHAR. 2024-01-01. 38.4 metres, as printed.

Billi Chahrami-Pz
Published district JALANDHAR. 2023-11-01. 39.76 metres, as printed.

Birkauli
Published district PATIALA. 2021-01-10. 29.06 metres, as printed.

Boparai Khurd-Pz
Published district AMRITSAR. 2022-08-20. 20.77 metres, as printed.

Boring-PZ
Published district HOSHIARPUR. 2022-05-20. 8.15 metres, as printed.

Braham Pur
Published district ROPAR. 2024-01-01. 3.67 metres, as printed.

Brahmpur-Pz
Published district TARN TARAN. 2022-08-20. 22.28 metres, as printed.

Budh Singh Wala-Pz
Published district MOGA. 2024-01-01. 29.93 metres, as printed.

Budhi Pind-Pz
Published district HOSHIARPUR. 2022-08-20. 13.96 metres, as printed.

Budhlada
Published district MANSA. 2022-05-20. 11.61 metres, as printed.

Budhlada-Pz
Published district MANSA. 2023-11-01. 21.88 metres, as printed.

Bugra (main)
Published district SANGRUR. 2024-01-01. 40.1 metres, as printed.

Bugra 1
Published district SANGRUR. 2024-01-01. 44.1 metres, as printed.

Bugran-Pz
Published district BATHINDA. 2022-08-20. 36.02 metres, as printed.

Burj Bhalaike
Published district MANSA. 2024-01-01. 4.38 metres, as printed.

Burj Gill-Pz
Published district BATHINDA. 2022-08-20. 34.34 metres, as printed.

Burj Rathi-Pz
Published district MANSA. 2022-08-20. 18.5 metres, as printed.

Burj-Pz

Published district BATHINDA. 2022-08-20. 13.84 metres, as printed.

Chahal Kalan-Pz
Published district GURDASPUR. 2022-08-20. 10.33 metres, as printed.

Chahd Baja
Published district FARIDKOT. 2024-01-01. 20.99 metres, as printed.

Chahgill-Pz
Published district GURDASPUR. 2022-08-20. 10.78 metres, as printed.

Chak Dogra-Pz
Published district AMRITSAR. 2022-05-20. 13.49 metres, as printed.

Chak Kalan-Pz
Published district FARIDKOT. 2022-08-20. 1.86 metres, as printed.

Chak Kandhe Shah-Pz
Published district FEROZEPUR. 2022-08-20. 15.48 metres, as printed.

Chak Khere Wala-Pz
Published district FAZILKA. 2022-08-20. 7.97 metres, as printed.

Chak Sheru-DW
Published district HOSHIARPUR. 2024-01-01. 2.67 metres, as printed.

Chakdera
Published district ROPAR. 2024-01-01. 4.15 metres, as printed.

Chakkare Khan-Pz
Published district TARN TARAN. 2022-08-20. 22.17 metres, as printed.

Chakmaan-Pz
Published district MUKATSAR. 2022-05-20. 2.35 metres, as printed.

Chakoke-Pz
Published district KAPURTHALA. 2022-08-20. 9.14 metres, as printed.

Chaktam Kot-Pz
Published district MUKATSAR. 2022-08-20. 1.02 metres, as printed.

Challeta-PZ
Published district PATIALA. 2022-08-20. 26.47 metres, as printed.

Chamb-Pz
Published district FEROZEPUR. 2022-08-20. 22.11 metres, as printed.

Chanawal OW
Published district BARNALA. 2023-11-01. 41.12 metres, as printed.

Chand Nawan-PZ
Published district MOGA. 2023-11-01. 39.61 metres, as printed.

Chandiala-Pz
Published district FATEHGARH SAHIB. 2022-08-20. 18.44 metres, as printed.

Chania-Pz
Published district JALANDHAR. 2022-08-20. 36.76 metres, as printed.

Chankian Khurd-Pz
Published district LUDHIANA. 2022-08-20. 10.05 metres, as printed.

Charnarthalkalan
Published district FATEHGARH SAHIB. 2022-08-20. 22.57 metres, as printed.

Chatamli- Pz
Published district ROPAR. 2023-08-20. 40.78 metres, as printed.

Chatha Nanhera-PZ
Published district SANGRUR. 2022-08-20. 35.28 metres, as printed.

Chattar Singh Park-ldh
Published district LUDHIANA. 2021-01-10. 40.81 metres, as printed.

Chaunta-Pz
Published district LUDHIANA. 2022-08-20. 7.26 metres, as printed.

Chehal-Pz
Published district PATIALA. 2024-01-01. 25.1 metres, as printed.

Chhapar-Pz
Published district LUDHIANA. 2022-08-20. 29.91 metres, as printed.

Chogawan-Pz
Published district MOGA. 2022-05-20. 36.7 metres, as printed.

Chogawan1
Published district AMRITSAR. 2022-11-01. 13.33 metres, as printed.

ChogWan- Pz
Published district AMRITSAR. 2024-01-01. 12.72 metres, as printed.

Chohal
Published district HOSHIARPUR. 2024-01-01. 3.7 metres, as printed.

Chola Sahib
Published district TARN TARAN. 2022-11-01. 20.67 metres, as printed.

Chola Sahib-Pz
Published district TARN TARAN. 2024-01-01. 35.69 metres, as printed.

Chone-Pz
Published district GURDASPUR. 2022-08-20. 13.8 metres, as printed.

Choranwali D
Published district GURDASPUR. 2024-01-01. 7.96 metres, as printed.

Choranwali M
Published district GURDASPUR. 2023-11-01. 7.68 metres, as printed.

Choranwali S
Published district GURDASPUR. 2024-01-01. 4.33 metres, as printed.

Chuni Khurd-PZ
Published district FATEHGARH SAHIB. 2022-05-20. 15.1 metres, as printed.

Chunni Kalan
Published district FATEHGARH SAHIB. 2024-01-01. 12.1 metres, as printed.

Churak Kalan
Published district SANGRUR. 2023-01-01. 34.95 metres, as printed.

Chural Kalan M
Published district SANGRUR. 2024-01-01. 36.14 metres, as printed.

Chuselawad-Pz
Published district TARN TARAN. 2022-08-20. 25.22 metres, as printed.

Daburji S
Published district TARN TARAN. 2024-01-01. 21.34 metres, as printed.

Dadan-Pz
Published district HOSHIARPUR. 2022-08-20. 41.93 metres, as printed.

DAGAN-DW

Published district HOSHIARPUR. 2023-01-01. 13.78 metres, as printed.

Dagru- Pz
Published district MOGA. 2024-01-01. 38.06 metres, as printed.

Dahak-M
Published district MUKATSAR. 2022-11-01. 1.97 metres, as printed.

Dahak-S
Published district MUKATSAR. 2022-11-01. 1.48 metres, as printed.

Dakoha-Pz
Published district GURDASPUR. 2024-01-01. 15.39 metres, as printed.

Dal Singh Wala
Published district FARIDKOT. 2024-01-01. 18.39 metres, as printed.

Dalamwala
Published district HOSHIARPUR. 2024-01-01. 6.58 metres, as printed.

Dallewal-Pz
Published district HOSHIARPUR. 2022-08-20. 20.98 metres, as printed.

Damru Khurd
Published district MOGA. 2023-06-01. 24.58 metres, as printed.

Danewal Satkosi
Published district FAZILKA. 2024-01-01. 3.15 metres, as printed.

Danger Khera-Pz
Published district FAZILKA. 2022-08-20. 2.63 metres, as printed.

Darapur 07pz
Published district MOGA. 2022-05-20. 24.55 metres, as printed.

Dasuya pz-Shallow
Published district HOSHIARPUR. 2023-01-01. 9.12 metres, as printed.

Dasuya1 (d)
Published district HOSHIARPUR. 2023-11-01. 7.51 metres, as printed.

Dasuya2 (s)
Published district HOSHIARPUR. 2023-11-01. 7.42 metres, as printed.

Daula-Pz
Published district BARNALA. 2022-08-20. 31.5 metres, as printed.

Dera Baba Nanak
Published district GURDASPUR. 2024-01-01. 6.2 metres, as printed.

Dera Bassi
Published district MOHALI. 2024-01-01. 9.16 metres, as printed.

Dera Bassi 07pz
Published district MOHALI. 2023-08-20. 9.44 metres, as printed.

Deratapp
Published district BATHINDA. 2024-01-01. 10.29 metres, as printed.

Devigarh M
Published district PATIALA. 2024-01-01. 41.2 metres, as printed.

Devigarh 1
Published district PATIALA. 2023-11-01. 34.25 metres, as printed.

Devigarh 1Pz
Published district PATIALA. 2023-01-01. 38.71 metres, as printed.

Devigarh D
Published district PATIALA. 2024-01-01. 41.1 metres, as printed.

Devigarh IIPz
Published district PATIALA. 2023-06-01. 38.35 metres, as printed.

Devigarh S
Published district PATIALA. 2024-01-01. 41.35 metres, as printed.

Devigarh-III Pz
Published district PATIALA. 2022-11-01. 40.81 metres, as printed.

Deviwala I-Pz
Published district FARIDKOT. 2023-08-20. 13.28 metres, as printed.

Deviwala-D
Published district FARIDKOT. 2022-05-20. 9.7 metres, as printed.

Deviwala-M
Published district FARIDKOT. 2024-01-01. 10.45 metres, as printed.

Deviwala-S
Published district FARIDKOT. 2023-11-01. 10.54 metres, as printed.

Dhaban Kokaryan D
Published district FAZILKA. 2024-01-01. 1.21 metres, as printed.

Dhaban Kokaryan M
Published district FAZILKA. 2023-11-01. 2.07 metres, as printed.

Dhaban Kokaryan S
Published district FAZILKA. 2024-01-01. 1.47 metres, as printed.

Dhaipai-Pz
Published district FARIDKOT. 2022-05-20. 11 metres, as printed.

Dhair
Published district ROPAR. 2024-01-01. 7.39 metres, as printed.

Dhalkot-Pz
Published district MUKATSAR. 2022-08-20. 9.54 metres, as printed.

Dhalorian
Published district PATHANKOT. 2024-01-01. 1.38 metres, as printed.

Dhanaula-Pz
Published district BARNALA. 2022-08-20. 36.22 metres, as printed.

Dhanda-Pz
Published district JALANDHAR. 2022-08-20. 36.82 metres, as printed.

Dhandoi-Pz
Published district GURDASPUR. 2022-05-20. 14 metres, as printed.

Dhaneta-PZ
Published district PATIALA. 2022-05-20. 37.83 metres, as printed.

Dhapali-Pz
Published district BATHINDA. 2023-11-01. 35.05 metres, as printed.

Dhapali1
Published district BATHINDA. 2023-01-01. 33.23 metres, as printed.

Dhar Khurd
Published district PATHANKOT. 2022-05-20. 3.2 metres, as printed.

Dharamgarh-Pz

Published district SANGRUR. 2022-08-20. 36.35 metres, as printed.

Dharampur1
Published district HOSHIARPUR. 2022-05-20. 3.75 metres, as printed.

Dheri
Published district MOHALI. 2022-11-01. 4.82 metres, as printed.

Dheri
Published district MOHALI. 2024-01-01. 5.57 metres, as printed.

Dhianpur
Published district GURDASPUR. 2024-01-01. 10.07 metres, as printed.

Dhilwan
Published district KAPURTHALA. 2022-05-20. 7.1 metres, as printed.

Dhilwan Kalan
Published district FARIDKOT. 2024-01-01. 13.22 metres, as printed.

Dhirowal-Pz
Published district JALANDHAR. 2022-05-20. 12 metres, as printed.

Dhudi Ke-PZ
Published district MOGA. 2022-08-20. 36.68 metres, as printed.

Dhudi-Pz
Published district FARIDKOT. 2022-08-20. 16.19 metres, as printed.

Dhulika-Pz
Published district AMRITSAR. 2022-08-20. 19.96 metres, as printed.

Dialpur Mirza
Published district BATHINDA. 2024-01-01. 33.1 metres, as printed.

Dialpura D
Published district MANSA. 2024-01-01. 27.01 metres, as printed.

Dialpura M
Published district MANSA. 2024-01-01. 21.5 metres, as printed.

Dialpura S
Published district MANSA. 2024-01-01. 20.06 metres, as printed.

Dialpura- Mirza
Published district BATHINDA. 2021-11-30. 32.3 metres, as printed.

Dialpura2
Published district BATHINDA. 2022-05-20. 33.72 metres, as printed.

Dinanagar
Published district GURDASPUR. 2024-01-01. 3.94 metres, as printed.

Dinna-PZ
Published district MOGA. 2022-08-20. 38.82 metres, as printed.

Dinnamder-Pz
Published district LUDHIANA. 2022-08-20. 24.96 metres, as printed.

Dipsinghwala
Published district FARIDKOT. 2024-01-01. 4.15 metres, as printed.

Dipulana-Pz
Published district FAZILKA. 2024-01-01. 5.99 metres, as printed.

Doda
Published district MUKATSAR. 2024-01-01. 2.71 metres, as printed.

Doda-D
Published district MUKATSAR. 2024-01-01. 3.49 metres, as printed.

Doda-D_1
Published district MUKATSAR. 2023-11-01. 3.06 metres, as printed.

Doda-M
Published district MUKATSAR. 2024-01-01. 3.78 metres, as printed.

Doda-Pz
Published district MUKATSAR. 2023-06-01. 2.92 metres, as printed.

Doda-S
Published district MUKATSAR. 2024-01-01. 4.03 metres, as printed.

Doda-S_1
Published district MUKATSAR. 2023-11-01. 3.64 metres, as printed.

Dodpur-Pz
Published district LUDHIANA. 2022-08-20. 22.85 metres, as printed.

Dohak I- Pz
Published district MUKATSAR. 2023-11-01. 2.11 metres, as printed.

Dohak II - Pz
Published district MUKATSAR. 2024-01-01. 1.78 metres, as printed.

Doraha-Pz
Published district LUDHIANA. 2023-11-01. 7.44 metres, as printed.

Dostpur-Pz
Published district GURDASPUR. 2022-08-20. 3.62 metres, as printed.

Dugri Garol-PZ
Published district SBS NAGAR. 2022-08-20. 7.17 metres, as printed.

Dulchi Ke-Pz
Published district FEROZEPUR. 2022-08-20. 8.9 metres, as printed.

Dulladi D
Published district PATIALA. 2024-01-01. 32.75 metres, as printed.

Dulladi M
Published district PATIALA. 2024-01-01. 32.6 metres, as printed.

Dulladi S
Published district PATIALA. 2023-11-01. 33.97 metres, as printed.

Dulle Wala-Pz
Published district BATHINDA. 2022-08-20. 38.96 metres, as printed.

Dumewal
Published district ROPAR. 2023-01-01. 12.06 metres, as printed.

Durimiwal
Published district HOSHIARPUR. 2023-11-01. 6.37 metres, as printed.

Dusarna
Published district MOHALI. 2022-08-20. 10.6 metres, as printed.

Ekalgoda-Pz
Published district TARN TARAN. 2022-05-20. 24.2 metres, as printed.

Faridkot
Published district FARIDKOT. 2022-05-20. 4.6 metres, as printed.

Faridkot-Pz

Published district FARIDKOT. 2022-05-20. 4.4 metres, as printed.

Fateh Jalal-Pz
Published district JALANDHAR. 2022-08-20. 35.46 metres, as printed.

Fatehabad- PZ
Published district TARN TARAN. 2022-08-20. 21.1 metres, as printed.

Fatehgarh Sahib
Published district FATEHGARH SAHIB. 2024-01-01. 21.24 metres, as printed.

Fatehgarh Sahib M
Published district FATEHGARH SAHIB. 2024-01-01. 21.92 metres, as printed.

Fatehgarh Sahib S
Published district FATEHGARH SAHIB. 2024-01-01. 20.63 metres, as printed.

Fatehgarh Sahib-Pz
Published district FATEHGARH SAHIB. 2023-11-01. 21.31 metres, as printed.

Fatehgarh Sahib_1
Published district FATEHGARH SAHIB. 2023-01-01. 22.55 metres, as printed.

Fatehgarh-Pz
Published district FARIDKOT. 2022-08-20. 23.38 metres, as printed.

Fatehgarhchuria
Published district GURDASPUR. 2023-08-20. 11.01 metres, as printed.

Fattamaluka
Published district MANSA. 2024-01-01. 7.19 metres, as printed.

Fattowal-Pz
Published district HOSHIARPUR. 2022-05-20. 29.83 metres, as printed.

Fattu Wala-Pz
Published district FAZILKA. 2022-08-20. 25.75 metres, as printed.

Gago Mahal- Pz
Published district AMRITSAR. 2021-01-10. 7.05 metres, as printed.

Gajikort-Pz
Published district GURDASPUR. 2022-08-20. 3.96 metres, as printed.

Galibkalan-Pz
Published district LUDHIANA. 2022-08-20. 29.74 metres, as printed.

Galri
Published district GURDASPUR. 2024-01-01. 3.97 metres, as printed.

Gandi Wind-Pz
Published district TARN TARAN. 2024-01-01. 15.61 metres, as printed.

Ganga-Pz
Published district BATHINDA. 2023-11-01. 16.88 metres, as printed.

Ganji D
Published district GURDASPUR. 2024-01-01. 0.18 metres, as printed.

Ganji M
Published district GURDASPUR. 2024-01-01. 0.49 metres, as printed.

Ganji S
Published district GURDASPUR. 2024-01-01. 1.4 metres, as printed.

Garh Di Wala-Pz
Published district HOSHIARPUR. 2024-01-01. 14.43 metres, as printed.

Garhshankar (s)
Published district HOSHIARPUR. 2023-11-01. 27.11 metres, as printed.

Gattah Badsha D
Published district FEROZEPUR. 2024-01-01. 7.28 metres, as printed.

Gattah Badsha M
Published district FEROZEPUR. 2024-01-01. 5.82 metres, as printed.

Gattah Badsha S
Published district FEROZEPUR. 2024-01-01. 3.85 metres, as printed.

Gehlan-pz
Published district JALANDHAR. 2022-08-20. 21.45 metres, as printed.

Ghanauri Kalan
Published district SANGRUR. 2023-11-01. 48.6 metres, as printed.

Ghanauri Kalan-Pz
Published district SANGRUR. 2023-08-20. 49.79 metres, as printed.

Ghania Ki bangar- Pz
Published district GURDASPUR. 2023-11-01. 8.06 metres, as printed.

Gharam-PZ
Published district PATIALA. 2022-08-20. 42.55 metres, as printed.

Gharangne-Pz
Published district MANSA. 2022-08-20. 10 metres, as printed.

Gharoon
Published district MOHALI. 2022-08-20. 11.08 metres, as printed.

Gharotakalan
Published district PATHANKOT. 2024-01-01. 7.03 metres, as printed.

Ghoga
Published district MOHALI. 2022-11-01. 1.9 metres, as printed.

Ghoga
Published district MOHALI. 2024-01-01. 3.73 metres, as printed.

Ghoh
Published district PATHANKOT. 2023-01-01. 20.83 metres, as printed.

Ghoh DW
Published district PATHANKOT. 2024-01-01. 12.34 metres, as printed.

Ghoman D
Published district GURDASPUR. 2023-11-01. 15.83 metres, as printed.

Ghoman M
Published district GURDASPUR. 2024-01-01. 14.82 metres, as printed.

Ghoman S
Published district GURDASPUR. 2024-01-01. 14.22 metres, as printed.

Ghudda-Pz
Published district BATHINDA. 2022-08-20. 10.23 metres, as printed.

Ghuiana-Pz
Published district FARIDKOT. 2022-08-20. 4.13 metres, as printed.

Ghumani Khurd-Pz
Published district GURDASPUR. 2022-08-20. 7.51 metres, as printed.

Giddarbaha-Pz

Published district MUKATSAR. 2022-05-20. 2.8 metres, as printed.

Giddran Wali-Pz
Published district FAZILKA. 2022-08-20. 2.07 metres, as printed.

Gill Patti-DW
Published district BATHINDA. 2022-05-20. 12.1 metres, as printed.

Gill wali-Pz
Published district AMRITSAR. 2022-08-20. 22.94 metres, as printed.

Gillian-Pz
Published district JALANDHAR. 2022-08-20. 41.84 metres, as printed.

Gobind Pura-Pz
Published district BATHINDA. 2022-08-20. 20.05 metres, as printed.

Gogiani-Pz
Published district FEROZEPUR. 2022-08-20. 22.58 metres, as printed.

Gohaur-Pz
Published district LUDHIANA. 2022-08-20. 27.65 metres, as printed.

Gohiran
Published district JALANDHAR. 2023-01-01. 36.07 metres, as printed.

Goindwal
Published district TARN TARAN. 2023-08-20. 20.68 metres, as printed.

Goindwal 07
Published district TARN TARAN. 2024-01-01. 19.58 metres, as printed.

Gopalpur 1(d)
Published district LUDHIANA. 2024-01-01. 21.7 metres, as printed.

Gopalpur 2(s)
Published district LUDHIANA. 2024-01-01. 21.8 metres, as printed.

Goplan
Published district FATEHGARH SAHIB. 2024-01-01. 27.9 metres, as printed.

goraya
Published district JALANDHAR. 2022-11-01. 27.35 metres, as printed.

Goraya- D Pz
Published district JALANDHAR. 2023-11-01. 28.98 metres, as printed.

Goraya-Pz
Published district JALANDHAR. 2023-11-01. 28.7 metres, as printed.

Govt. Medical College Amritsar D
Published district AMRITSAR. 2024-01-01. 22.11 metres, as printed.

Govt. Medical College Amritsar M
Published district AMRITSAR. 2023-11-01. 24.52 metres, as printed.

Govt. Medical College Amritsar S
Published district AMRITSAR. 2023-11-01. 25.21 metres, as printed.

Grahaya-Pz
Published district HOSHIARPUR. 2022-08-20. 25.96 metres, as printed.

Gulabgarh 1 (s)
Published district BATHINDA. 2024-01-01. 15.2 metres, as printed.

Gulabgarh 2 (s)
Published district BATHINDA. 2022-11-01. 15.02 metres, as printed.

Gulabgarh 3 (m)
Published district BATHINDA. 2024-01-01. 15.52 metres, as printed.

Gulwatti-PZ
Published district PATIALA. 2022-08-20. 36.28 metres, as printed.

Gurdaspur-Pz
Published district GURDASPUR. 2022-08-20. 9.53 metres, as printed.

Guru Harsahai-Pz
Published district FAZILKA. 2023-11-01. 7.78 metres, as printed.

Guru Sar-Pz
Published district BATHINDA. 2024-01-01. 9.5 metres, as printed.

Gurusar
Published district BATHINDA. 2022-11-01. 9.67 metres, as printed.

Hajipur
Published district HOSHIARPUR. 2024-01-01. 8.32 metres, as printed.

Hakimpur-Pz
Published district SBS NAGAR. 2022-08-20. 27.5 metres, as printed.

Haler Rampur-DW
Published district HOSHIARPUR. 2024-01-01. 3.98 metres, as printed.

Hallawara-Pz-M
Published district LUDHIANA. 2024-01-01. 32.57 metres, as printed.

Hallawara-Pz-S
Published district LUDHIANA. 2024-01-01. 32.78 metres, as printed.

Haluka
Published district PATIALA. 2022-01-30. 9.05 metres, as printed.

Hambowal-Pz
Published district LUDHIANA. 2022-08-20. 6.29 metres, as printed.

Hamed Saidoke-Pz
Published district FAZILKA. 2022-08-20. 17.65 metres, as printed.

Hamira-Pz
Published district KAPURTHALA. 2022-08-20. 14.56 metres, as printed.

Hamirgarh OW
Published district SANGRUR. 2024-01-01. 49.33 metres, as printed.

Handesaran-d
Published district PATIALA. 2021-01-10. 50.58 metres, as printed.

Handesaran-s
Published district PATIALA. 2021-01-10. 14.29 metres, as printed.

Harchowal-Pz
Published district GURDASPUR. 2023-11-01. 16.28 metres, as printed.

Harchowal-Pz-D
Published district GURDASPUR. 2024-01-01. 16.15 metres, as printed.

Harchowal-Pz-M
Published district GURDASPUR. 2023-11-01. 13.6 metres, as printed.

Harchowal-Pz-S
Published district GURDASPUR. 2024-01-01. 13.61 metres, as printed.

Hardinamoh

Published district ROPAR. 2024-01-01. 1.75 metres, as printed.

Hardo Sheikh-Pz
Published district JALANDHAR. 2022-08-20. 35.26 metres, as printed.

Hargobindpur
Published district GURDASPUR. 2024-01-01. 18.55 metres, as printed.

Hargobindpur1
Published district GURDASPUR. 2023-11-01. 18.59 metres, as printed.

Hari Majra
Published district PATIALA. 2024-01-01. 10.25 metres, as printed.

Harnampur
Published district LUDHIANA. 2022-08-20. 22.35 metres, as printed.

Harraipur-Pz
Published district BATHINDA. 2022-08-20. 23.18 metres, as printed.

Haryao
Published district SANGRUR. 2022-08-20. 26.66 metres, as printed.

Hassanpur Kalan-Pz
Published district GURDASPUR. 2022-08-20. 11.16 metres, as printed.

Hazipur
Published district HOSHIARPUR. 2023-11-01. 6.88 metres, as printed.

Hazipur-Pz
Published district KAPURTHALA. 2022-08-20. 10.05 metres, as printed.

Hedon-Pz
Published district LUDHIANA. 2022-08-20. 20 metres, as printed.

Heer Beh-PZ
Published district HOSHIARPUR. 2022-08-20. 18.21 metres, as printed.

Hero Kalan-Pz
Published district MANSA. 2024-01-01. 35.87 metres, as printed.

Himatpura-Pz
Published district MOGA. 2022-08-20. 39.65 metres, as printed.

Himmatpura-Pz
Published district FAZILKA. 2022-05-20. 5.01 metres, as printed.

Hirke-Pz
Published district MANSA. 2022-08-20. 24.97 metres, as printed.

Hoshiarpur (m)
Published district HOSHIARPUR. 2022-08-20. 31.71 metres, as printed.

Hpur rampur colony pz-deep
Published district HOSHIARPUR. 2022-11-01. 61.9 metres, as printed.

Hpur rampur colony pz-medium
Published district HOSHIARPUR. 2022-11-01. 27.7 metres, as printed.

Hpur rampur colony pz-shallow
Published district HOSHIARPUR. 2022-05-20. 25.69 metres, as printed.

Husnar-Pz
Published district MUKATSAR. 2022-08-20. 2.76 metres, as printed.

Hussainpura-D Pz
Published district KAPURTHALA. 2023-11-01. 26.25 metres, as printed.

Hussainpura-M Pz
Published district KAPURTHALA. 2024-01-01. 21.26 metres, as printed.

Hussainpura-S Pz
Published district KAPURTHALA. 2024-01-01. 23.69 metres, as printed.

Hussainpura-VS Pz
Published district KAPURTHALA. 2024-01-01. 22.08 metres, as printed.

Ikloha-Pz
Published district LUDHIANA. 2023-11-01. 26.43 metres, as printed.

Inayatpur-PZ-D
Published district FATEHGARH SAHIB. 2023-11-01. 21.7 metres, as printed.

Inayatpur-PZ-M
Published district FATEHGARH SAHIB. 2023-11-01. 22.48 metres, as printed.

Inayatpur-PZ-S
Published district FATEHGARH SAHIB. 2023-11-01. 21.64 metres, as printed.

Indergarh-Pz
Published district MOGA. 2022-08-20. 24.94 metres, as printed.

Issapur
Published district MOHALI. 2022-11-01. 2.57 metres, as printed.

Issapur- DW
Published district MOHALI. 2024-01-01. 4.5 metres, as printed.

Ittian-Pz
Published district HOSHIARPUR. 2022-08-20. 6.95 metres, as printed.

Jagraon 1(d)
Published district LUDHIANA. 2024-01-01. 29.9 metres, as printed.

Jagraon 2(s)
Published district LUDHIANA. 2023-06-01. 27.91 metres, as printed.

Jahidpur-PZ
Published district HOSHIARPUR. 2022-05-20. 9.12 metres, as printed.

Jai Singh Wala
Published district FATEHGARH SAHIB. 2022-08-20. 23.51 metres, as printed.

Jaimal wala-Pz
Published district FEROZEPUR. 2022-05-20. 9.9 metres, as printed.

Jainagar-PZ
Published district PATIALA. 2022-08-20. 31.86 metres, as printed.

Jainpur-PZ
Published district PATHANKOT. 2022-08-20. 2.61 metres, as printed.

Jaisinghwala D
Published district MOGA. 2024-01-01. 31.42 metres, as printed.

Jaisinghwala D_1
Published district MOGA. 2023-11-01. 33.78 metres, as printed.

Jaisinghwala M
Published district MOGA. 2024-01-01. 29.83 metres, as printed.

Jaisinghwala M_1
Published district MOGA. 2023-11-01. 31.59 metres, as printed.

Jaisinghwala S

Published district MOGA. 2024-01-01. 29.81 metres, as printed.

Jaisinghwala S_1
Published district MOGA. 2023-11-01. 30.93 metres, as printed.

Jajjal
Published district BATHINDA. 2023-06-01. 8.52 metres, as printed.

Jajjal_DW
Published district BATHINDA. 2024-01-01. 8.37 metres, as printed.

Jalalabad-Pz
Published district FAZILKA. 2022-05-20. 20.5 metres, as printed.

Jalalpur-Pz
Published district HOSHIARPUR. 2022-08-20. 6.44 metres, as printed.

Jalandhar 1(d)
Published district JALANDHAR. 2023-11-01. 41.53 metres, as printed.

Jalandhar 2(m)
Published district JALANDHAR. 2024-01-01. 41.31 metres, as printed.

Jalandhar 3(vs)
Published district JALANDHAR. 2022-08-20. 35.51 metres, as printed.

Jalbhe
Published district JALANDHAR. 2024-01-01. 9.06 metres, as printed.

Jand Sahib-Pz
Published district FARIDKOT. 2023-08-20. 3.85 metres, as printed.

Jand Wala Johian-Pz
Published district FAZILKA. 2022-08-20. 3.13 metres, as printed.

JANDAUR D
Published district HOSHIARPUR. 2023-11-01. 27.91 metres, as printed.

JANDAUR M
Published district HOSHIARPUR. 2023-11-01. 26.37 metres, as printed.

JANDAUR S
Published district HOSHIARPUR. 2024-01-01. 22.26 metres, as printed.

Jandiala Guru-Pz
Published district AMRITSAR. 2023-11-01. 20.84 metres, as printed.

Jandiala-Pz
Published district JALANDHAR. 2024-01-01. 34.09 metres, as printed.

Jandoke-Pz
Published district TARN TARAN. 2022-08-20. 24.45 metres, as printed.

Jandu Singha-Pz
Published district JALANDHAR. 2022-08-20. 35.44 metres, as printed.

Jandwala
Published district PATHANKOT. 2022-08-20. 25.65 metres, as printed.

Jandwala-Pz
Published district MUKATSAR. 2022-05-20. 1.65 metres, as printed.

Janer OW
Published district MOGA. 2024-01-01. 42.04 metres, as printed.

Jang-Pz
Published district FEROZEPUR. 2022-08-20. 9.01 metres, as printed.

Janian-Pz
Published district JALANDHAR. 2022-08-20. 28.29 metres, as printed.

Jassi Bhagwali
Published district BATHINDA. 2024-01-01. 7.77 metres, as printed.

Jattpur-Pz
Published district HOSHIARPUR. 2022-08-20. 15.82 metres, as printed.

Jethu Majra-PZ
Published district SBS NAGAR. 2022-08-20. 22.67 metres, as printed.

Jethuwal-Pz
Published district AMRITSAR. 2022-08-20. 18.47 metres, as printed.

Jhabkra
Published district GURDASPUR. 2022-08-20. 1.42 metres, as printed.

Jhakolahri
Published district PATHANKOT. 2024-01-01. 2.36 metres, as printed.

Jhalbibri-Pz
Published district KAPURTHALA. 2022-05-20. 31.1 metres, as printed.

Jhambela
Published district FATEHGARH SAHIB. 2022-08-20. 26.26 metres, as printed.

Jhandalbana-Pz
Published district GURDASPUR. 2022-08-20. 2.73 metres, as printed.

Jhandewala-Pz
Published district MOGA. 2022-08-20. 39.12 metres, as printed.

Jhanduke
Published district BATHINDA. 2024-01-01. 28.09 metres, as printed.

Jhanduke-Pz
Published district BATHINDA. 2022-08-20. 28.51 metres, as printed.

Jheryan Wali
Published district MANSA. 2024-01-01. 4.57 metres, as printed.

Jhir Da Khuh-DW
Published district HOSHIARPUR. 2024-01-01. 6.1 metres, as printed.

Jhokharihar D
Published district FEROZEPUR. 2023-11-01. 4.82 metres, as printed.

Jhokharihar M
Published district FEROZEPUR. 2024-01-01. 4.68 metres, as printed.

Jhokharihar S
Published district FEROZEPUR. 2024-01-01. 4.18 metres, as printed.

Joga -Dp-PZ
Published district MANSA. 2022-05-20. 11 metres, as printed.

Joli
Published district MOHALI. 2024-01-01. 5.18 metres, as printed.

Kabar Wala
Published district MUKATSAR. 2024-01-01. 3.38 metres, as printed.

Kairon-PZ
Published district TARN TARAN. 2022-08-20. 21.39 metres, as printed.

Kakar Kalan-Pz

Published district JALANDHAR. 2022-08-20. 23.31 metres, as printed.

Kakrali
Published district ROPAR. 2024-01-01. 17.77 metres, as printed.

Kala Afgana-Pz
Published district GURDASPUR. 2022-08-20. 10.06 metres, as printed.

Kala Jhar-Pz
Published district SANGRUR. 2022-08-20. 38.42 metres, as printed.

Kala-Pz
Published district JALANDHAR. 2022-08-20. 32.73 metres, as printed.

Kalanaur-Pz
Published district GURDASPUR. 2024-01-01. 3.91 metres, as printed.

Kalanaur1
Published district GURDASPUR. 2024-01-01. 11.19 metres, as printed.

Kalanaur2
Published district GURDASPUR. 2023-06-01. 12.26 metres, as printed.

Kalayan Sukha-S
Published district BATHINDA. 2024-01-01. 31.33 metres, as printed.

Kaler Khera-Pz
Published district FAZILKA. 2022-05-20. 4.62 metres, as printed.

Kalerkalan-Pz
Published district GURDASPUR. 2022-05-20. 3.3 metres, as printed.

Kaloya
Published district HOSHIARPUR. 2023-11-01. 21.61 metres, as printed.

Kalsia Kalan
Published district TARN TARAN. 2022-01-30. 18.64 metres, as printed.

Kalsia Kalan
Published district TARN TARAN. 2023-01-01. 19.52 metres, as printed.

Kalsia Kalan07
Published district TARN TARAN. 2024-01-01. 18.21 metres, as printed.

Kalsian
Published district LUDHIANA. 2022-05-20. 33.42 metres, as printed.

Kalyan 07pz
Published district PATIALA. 2023-08-20. 31.27 metres, as printed.

Kalyan Sukha-D
Published district BATHINDA. 2023-11-01. 34.29 metres, as printed.

Kalyan Sukha-M
Published district BATHINDA. 2023-11-01. 33.82 metres, as printed.

Kalyan Sukha-M_1
Published district BATHINDA. 2023-06-01. 32.03 metres, as printed.

Kalyan Sukha-Pz
Published district BATHINDA. 2023-01-01. 30.25 metres, as printed.

Kalyanpur-Pz
Published district JALANDHAR. 2022-08-20. 38.57 metres, as printed.

Kamalke-Pz
Published district MOGA. 2022-08-20. 16.6 metres, as printed.

Kami Kalan
Published district PATIALA. 2021-01-10. 11.74 metres, as printed.

Kami Khurd-PZ
Published district PATIALA. 2022-08-20. 24.43 metres, as printed.

Kandowali-Pz
Published district AMRITSAR. 2022-08-20. 14.63 metres, as printed.

Kang Sahib Rai-Pz
Published district JALANDHAR. 2022-08-20. 36.87 metres, as printed.

Kangthala D
Published district PATIALA. 2024-01-01. 49.49 metres, as printed.

Kangthala D_1
Published district PATIALA. 2023-08-20. 53.5 metres, as printed.

Kangthala M
Published district PATIALA. 2024-01-01. 49.4 metres, as printed.

Kangthala S
Published district PATIALA. 2024-01-01. 50.16 metres, as printed.

Kangthala S_1
Published district PATIALA. 2023-11-01. 51.3 metres, as printed.

Kangthals M
Published district PATIALA. 2023-11-01. 51.07 metres, as printed.

Kapurthala1 (d)
Published district KAPURTHALA. 2024-01-01. 25.4 metres, as printed.

Kapurthala2 (s)
Published district KAPURTHALA. 2024-01-01. 23.62 metres, as printed.

Kariam-Pz
Published district SBS NAGAR. 2022-08-20. 19.6 metres, as printed.

Karirwali
Published district FARIDKOT. 2024-01-01. 13.44 metres, as printed.

Karnail Ganju-Pz
Published district KAPURTHALA. 2022-08-20. 11.08 metres, as printed.

Kartarpur 1(d)
Published district JALANDHAR. 2024-01-01. 21.83 metres, as printed.

Kartarpur 2(s)
Published district JALANDHAR. 2024-01-01. 22.91 metres, as printed.

Karyal-Pz
Published district AMRITSAR. 2022-08-20. 10.56 metres, as printed.

Katanikalan-Pz
Published district LUDHIANA. 2022-08-20. 10.18 metres, as printed.

Kathu Nangal-pz dp-1
Published district AMRITSAR. 2023-11-01. 12.5 metres, as printed.

Katoran-Pz
Published district FEROZEPUR. 2022-05-20. 12.4 metres, as printed.

Kattianwali-Pz
Published district MUKATSAR. 2022-08-20. 2.43 metres, as printed.

Kauranwali D

Published district FAZILKA. 2023-11-01. 7.47 metres, as printed.

Kauranwali M
Published district FAZILKA. 2023-11-01. 4.65 metres, as printed.

Kauranwali S
Published district FAZILKA. 2023-11-01. 3.98 metres, as printed.

Kaure-Pz
Published district GURDASPUR. 2022-08-20. 16.24 metres, as printed.

Khadur Sahib-Pz
Published district TARN TARAN. 2023-11-01. 20.25 metres, as printed.

Khalra-Pz
Published district TARN TARAN. 2022-08-20. 15.85 metres, as printed.

Khamanon-pz
Published district FATEHGARH SAHIB. 2022-08-20. 20.25 metres, as printed.

Khan Fatta-Pz
Published district GURDASPUR. 2022-08-20. 6.25 metres, as printed.

Khandur
Published district LUDHIANA. 2022-08-20. 26.16 metres, as printed.

Khanikhui
Published district PATHANKOT. 2024-01-01. 1.78 metres, as printed.

Khanmalik-Pz
Published district GURDASPUR. 2022-08-20. 14.03 metres, as printed.

Kharal Kalan Pz-M
Published district JALANDHAR. 2023-11-01. 17.05 metres, as printed.

Kharal Kalan Pz-S
Published district JALANDHAR. 2023-11-01. 16.91 metres, as printed.

Kharey_PZ
Published district FATEHGARH SAHIB. 2022-05-20. 21.8 metres, as printed.

Khatgarh-Pz
Published district GURDASPUR. 2022-08-20. 4.09 metres, as printed.

Kheliwala (d)
Published district BATHINDA. 2024-01-01. 21.29 metres, as printed.

Khera-Pz
Published district FATEHGARH SAHIB. 2022-05-20. 28.46 metres, as printed.

Khera-Pz
Published district HOSHIARPUR. 2022-08-20. 50.93 metres, as printed.

Kheral Kalan D
Published district JALANDHAR. 2024-01-01. 15.43 metres, as printed.

Kheri Naran-PZ
Published district SANGRUR. 2022-08-20. 38.9 metres, as printed.

Kheri Pandte-PZ
Published district PATIALA. 2022-08-20. 35.1 metres, as printed.

Khiala Kalan-Pz
Published district MANSA. 2022-08-20. 13.46 metres, as printed.

Khirkian Wala-Pz
Published district MUKATSAR. 2022-08-01. 1.53 metres, as printed.

Khogaki Chaka-PZ
Published district PATHANKOT. 2022-08-20. 1.39 metres, as printed.

Khokhar Kalan-Pz
Published district MANSA. 2022-08-20. 12.09 metres, as printed.

Khokri Kalan-Pz
Published district MOGA. 2022-08-20. 32.43 metres, as printed.

Khosa Randhir-Pz
Published district MOGA. 2022-08-20. 33.52 metres, as printed.

Khuiansarwar
Published district FAZILKA. 2022-11-01. 1.9 metres, as printed.

Khuiansarwar- Pz
Published district FAZILKA. 2024-01-01. 1.5 metres, as printed.

Khunde Halal-Pz
Published district MUKATSAR. 2024-01-01. 1.85 metres, as printed.

Khurni-PZ
Published district SANGRUR. 2022-08-20. 41.38 metres, as printed.

Khwaspur D
Published district TARN TARAN. 2024-01-01. 20.06 metres, as printed.

Khwaspur D_1
Published district TARN TARAN. 2023-11-01. 20.39 metres, as printed.

Khwaspur M
Published district TARN TARAN. 2024-01-01. 36.63 metres, as printed.

Khwaspur S
Published district TARN TARAN. 2024-01-01. 19.21 metres, as printed.

Khwaspur S_1
Published district TARN TARAN. 2023-11-01. 19.44 metres, as printed.

Kiari- DW
Published district PATHANKOT. 2024-01-01. 3.46 metres, as printed.

Kila Hakima
Published district SANGRUR. 2022-08-20. 35.56 metres, as printed.

Killi-Pz
Published district FARIDKOT. 2023-06-01. 4.41 metres, as printed.

Kirian Khurd-PZ
Published district PATHANKOT. 2022-08-20. 5.48 metres, as printed.

Kishangarh-Pz
Published district LUDHIANA. 2022-08-20. 22.56 metres, as printed.

Kishanpur
Published district KAPURTHALA. 2022-08-20. 28.8 metres, as printed.

Kishanpur-Pz
Published district LUDHIANA. 2022-08-20. 31.83 metres, as printed.

Klwan-PZ
Published district ROPAR. 2022-05-20. 12.45 metres, as printed.

Koharwala- DW
Published district FARIDKOT. 2022-05-20. 8.9 metres, as printed.

Koir Singh Wala-Pz

Published district BATHINDA. 2022-08-20. 33.73 metres, as printed.

Kokahar-PZ
Published district SANGRUR. 2022-08-20. 31.05 metres, as printed.

Kollian Wali-pz
Published district MUKATSAR. 2022-08-20. 2.68 metres, as printed.

Kot Bhai- DW
Published district MUKATSAR. 2022-05-20. 7.4 metres, as printed.

Kot Bhaktu-Pz
Published district BATHINDA. 2022-08-20. 6.64 metres, as printed.

Kot Dhamru
Published district MANSA. 2023-01-01. 8.25 metres, as printed.

Kot Fatta-DW
Published district BATHINDA. 2022-05-20. 15.4 metres, as printed.

Kot Guru
Published district BATHINDA. 2022-05-20. 7.1 metres, as printed.

Kot Kapura
Published district FARIDKOT. 2024-01-01. 10.15 metres, as printed.

Kot Shamir
Published district BATHINDA. 2024-01-01. 15.91 metres, as printed.

Kot Shamir_1
Published district BATHINDA. 2023-11-01. 16.38 metres, as printed.

Kot Wadal Khan-Pz
Published district JALANDHAR. 2022-08-20. 29.78 metres, as printed.

Kotbudda-Pz
Published district TARN TARAN. 2022-08-20. 15.69 metres, as printed.

Kothaguru-Pz
Published district BATHINDA. 2024-01-01. 31.77 metres, as printed.

Kotla
Published district ROPAR. 2022-08-20. 0.94 metres, as printed.

Kotli Sur Singh-Pz
Published district TARN TARAN. 2022-08-20. 20.21 metres, as printed.

Kotra
Published district MANSA. 2024-01-01. 17.36 metres, as printed.

Kotra Kalan
Published district MANSA. 2023-08-20. 17.3 metres, as printed.

Kui-DW
Published district PATHANKOT. 2024-01-01. 2.88 metres, as printed.

Kulburcha-Pz
Published district PATIALA. 2022-08-20. 43.22 metres, as printed.

Kuler Khurd-Pz
Published district SANGRUR. 2022-08-20. 41.31 metres, as printed.

Kundal1
Published district FAZILKA. 2024-01-01. 1.42 metres, as printed.

Kurar-Pz
Published district BARNALA. 2022-08-20. 44.52 metres, as printed.

Kurla-Pz
Published district JALANDHAR. 2022-08-20. 27.36 metres, as printed.

Kurrha-Pz
Published district MOHALI. 2022-08-20. 30.1 metres, as printed.

Kusla-Pz
Published district MANSA. 2022-05-20. 6.9 metres, as printed.

Kutha Kheri-Pz
Published district PATIALA. 2022-08-20. 40.97 metres, as printed.

Kuther-PZ
Published district PATHANKOT. 2022-08-20. 26.33 metres, as printed.

Kuttianwali
Published district MUKATSAR. 2024-01-01. 1.37 metres, as printed.

Labanianwali
Published district MUKATSAR. 2024-01-01. 3.35 metres, as printed.

Lacharu Kalan
Published district PATIALA. 2024-01-01. 3.35 metres, as printed.

Lachkani-Pz
Published district PATIALA. 2024-01-01. 24.84 metres, as printed.

Ladda-Pz
Published district SANGRUR. 2024-01-01. 43.93 metres, as printed.

Ladhuwala
Published district FAZILKA. 2023-11-01. 1.16 metres, as printed.

Ladpur
Published district FATEHGARH SAHIB. 2022-05-20. 22.7 metres, as printed.

Lakankala-Pz
Published district GURDASPUR. 2022-08-20. 7.14 metres, as printed.

Lakhiwal-Pz
Published district MANSA. 2022-08-20. 23.76 metres, as printed.

Lalan1
Published district LUDHIANA. 2023-06-01. 11.54 metres, as printed.

Lallian kalan D
Published district JALANDHAR. 2024-01-01. 35.5 metres, as printed.

Lallian kalan Pz-M
Published district JALANDHAR. 2022-08-01. 42.71 metres, as printed.

Lallian kalan Pz-S
Published district JALANDHAR. 2023-11-01. 36.63 metres, as printed.

Lalliana-Pz
Published district BATHINDA. 2022-08-20. 9.48 metres, as printed.

Lambi
Published district MUKATSAR. 2023-01-01. 0.57 metres, as printed.

Lambi-Pz
Published district MUKATSAR. 2022-05-20. 1.22 metres, as printed.

Landran Pz
Published district MOHALI. 2022-11-01. 17.29 metres, as printed.

Landran-Pz

Published district MOHALI. 2023-11-01. 18.21 metres, as printed.

Langoya-PZ
Published district SBS NAGAR. 2022-08-20. 20.83 metres, as printed.

Langurwal-Pz
Published district GURDASPUR. 2022-05-20. 7.92 metres, as printed.

Lauhke Kalan- Pz
Published district FEROZEPUR. 2023-08-20. 20.52 metres, as printed.

Lehra Dhulkot-Pz
Published district BATHINDA. 2022-05-20. 28.01 metres, as printed.

Lehragaga-PZ
Published district SANGRUR. 2022-11-01. 31.27 metres, as printed.

Lelon-Pz
Published district LUDHIANA. 2022-05-20. 6.28 metres, as printed.

Lil
Published district LUDHIANA. 2022-11-01. 17.05 metres, as printed.

Lil- II Pz
Published district LUDHIANA. 2023-01-01. 16.84 metres, as printed.

Lil-Pz III
Published district LUDHIANA. 2023-06-01. 17.42 metres, as printed.

Lodhiwal-Pz
Published district LUDHIANA. 2022-08-20. 15.1 metres, as printed.

LohaKheri D
Published district PATIALA. 2023-11-01. 46.5 metres, as printed.

LohaKheri M
Published district PATIALA. 2023-11-01. 38.94 metres, as printed.

LohaKheri S
Published district PATIALA. 2023-11-01. 37.78 metres, as printed.

Lohar Majra
Published district FATEHGARH SAHIB. 2022-08-20. 24.21 metres, as printed.

Lohara-Pz
Published district LUDHIANA. 2022-08-20. 33.45 metres, as printed.

Lohere Khurd-Pz
Published district FEROZEPUR. 2022-08-20. 22.23 metres, as printed.

Lohgarh-Pz
Published district BARNALA. 2022-08-20. 37.96 metres, as printed.

Longowal-Pz
Published district SANGRUR. 2023-11-01. 38.16 metres, as printed.

Maarhi nav Abaad D
Published district TARN TARAN. 2024-01-01. 15.94 metres, as printed.

Maarhi nav Abaad M
Published district TARN TARAN. 2024-01-01. 15.8 metres, as printed.

Maarhi nav Abaad S
Published district TARN TARAN. 2024-01-01. 16.33 metres, as printed.

Maarhi nav Abaad D
Published district TARN TARAN. 2023-06-01. 22.82 metres, as printed.

Maarhi nav Abaad M
Published district TARN TARAN. 2023-01-01. 16.02 metres, as printed.

Machhiwara-Pz
Published district LUDHIANA. 2022-08-20. 9.89 metres, as printed.

Machi Bugra/ Gujran-Pz
Published district FEROZEPUR. 2022-08-20. 17.65 metres, as printed.

Mahal Kalan-Pz
Published district BARNALA. 2023-11-01. 42.63 metres, as printed.

Mahalpur-PZ
Published district SBS NAGAR. 2022-08-20. 40.76 metres, as printed.

Mahendipur-Pz
Published district TARN TARAN. 2022-08-20. 21.29 metres, as printed.

Mahendpur-Pz
Published district SBS NAGAR. 2024-01-01. 29.11 metres, as printed.

Maheru-Pz
Published district KAPURTHALA. 2022-08-20. 25.59 metres, as printed.

Mahil Baltohian-Pz
Published district HOSHIARPUR. 2022-05-20. 36.46 metres, as printed.

Mahilpur-Pz
Published district HOSHIARPUR. 2023-11-01. 20.03 metres, as printed.

Mahima-Pz
Published district AMRITSAR. 2022-08-20. 21.57 metres, as printed.

Mahindpur (state)
Published district SBS NAGAR. 2023-11-01. 37.55 metres, as printed.

Mahmuwal-Pz
Published district JALANDHAR. 2022-08-20. 37.3 metres, as printed.

Mahuana-Pz
Published district FAZILKA. 2022-05-20. 4.3 metres, as printed.

Maihma Bhagwan-PZ
Published district BATHINDA. 2022-08-20. 12.69 metres, as printed.

Maisar Khana
Published district BATHINDA. 2024-01-01. 21.1 metres, as printed.

Maisar Khana-Pz
Published district BATHINDA. 2022-08-20. 18.81 metres, as printed.

Majitha-Pz
Published district AMRITSAR. 2022-08-20. 14.19 metres, as printed.

Majji-PZ
Published district SANGRUR. 2024-01-01. 39.43 metres, as printed.

Makha-[PZ
Published district MANSA. 2022-08-20. 8.82 metres, as printed.

Maksudra-Pz
Published district LUDHIANA. 2023-11-01. 13.53 metres, as printed.

Malerkotla-DW
Published district SANGRUR. 2024-01-01. 41.46 metres, as printed.

Malikpur

Published district PATHANKOT. 2022-05-20. 7.5 metres, as printed.

Malikpur-Pz
Published district GURDASPUR. 2022-08-20. 10.82 metres, as printed.

Malkpur-Pz
Published district MOHALI. 2022-08-20. 12.75 metres, as printed.

Mallanwala Khas-Pz
Published district FEROZEPUR. 2022-05-20. 12.74 metres, as printed.

Malluwala-Pz
Published district FEROZEPUR. 2022-08-20. 27.25 metres, as printed.

Malsian-D Pz
Published district JALANDHAR. 2024-01-01. 25.04 metres, as printed.

Malsian-M Pz
Published district JALANDHAR. 2024-01-01. 29.71 metres, as printed.

Malsian-Pz
Published district FEROZEPUR. 2023-11-01. 13.16 metres, as printed.

Maluka-Pz
Published district BATHINDA. 2022-08-20. 28.65 metres, as printed.

Malukpur-Pz
Published district FAZILKA. 2022-08-20. 2.38 metres, as printed.

Maman-Pz
Published district GURDASPUR. 2022-08-20. 7.51 metres, as printed.

Mana Singh Wala-Pz
Published district FEROZEPUR. 2022-05-20. 5.22 metres, as printed.

Manak Majra-Pz
Published district LUDHIANA. 2022-08-20. 24.28 metres, as printed.

Mandar-Pz
Published district MOGA. 2022-08-20. 12.26 metres, as printed.

Mandevi
Published district SANGRUR. 2023-06-01. 38.42 metres, as printed.

Mandi Kalan-Pz
Published district BATHINDA. 2022-08-20. 30.44 metres, as printed.

Manewal D
Published district LUDHIANA. 2024-01-01. 3.37 metres, as printed.

Manewal M
Published district LUDHIANA. 2024-01-01. 4.14 metres, as printed.

Manewal S
Published district LUDHIANA. 2024-01-01. 4.62 metres, as printed.

Mangat-Pz
Published district LUDHIANA. 2022-08-20. 13.45 metres, as printed.

Mangat-Pz-D
Published district LUDHIANA. 2024-01-01. 12 metres, as printed.

Mangat-Pz-M
Published district LUDHIANA. 2023-11-01. 13.08 metres, as printed.

Mangat-Pz-S
Published district LUDHIANA. 2022-05-20. 12.2 metres, as printed.

Mangewala-Pz
Published district MOGA. 2022-08-20. 24.32 metres, as printed.

Manoke-Pz
Published district LUDHIANA. 2022-08-20. 36.02 metres, as printed.

Manoli-PZ
Published district MOHALI. 2022-08-20. 22.09 metres, as printed.

Mansa
Published district MANSA. 2022-05-20. 11.8 metres, as printed.

Mansuran-MGOW
Published district LUDHIANA. 2022-08-20. 28.5 metres, as printed.

Manvi
Published district SANGRUR. 2023-06-01. 26.17 metres, as printed.

Manvi-Pz
Published district SANGRUR. 2023-11-01. 27.36 metres, as printed.

Mardaheri
Published district PATIALA. 2024-01-01. 39.85 metres, as printed.

Marhona-Pz
Published district TARN TARAN. 2022-08-20. 22.28 metres, as printed.

Mari Kamboke-Pz
Published district TARN TARAN. 2022-08-20. 12.32 metres, as printed.

Mari Mustfa-PZ
Published district MOGA. 2022-05-20. 25.9 metres, as printed.

Masana-Pz
Published district GURDASPUR. 2022-08-20. 6.21 metres, as printed.

Massit-Pz
Published district GURDASPUR. 2022-08-20. 2.56 metres, as printed.

Matta
Published district FARIDKOT. 2024-01-01. 10.05 metres, as printed.

Matti-PZ
Published district PATHANKOT. 2022-08-20. 15.71 metres, as printed.

Mauhra-Pz
Published district SBS NAGAR. 2024-01-01. 26.25 metres, as printed.

Maur Kalan-Pz
Published district BATHINDA. 2022-05-20. 13.5 metres, as printed.

Meemana-PZ
Published district MOGA. 2023-11-01. 43.67 metres, as printed.

Mehandpur-pz
Published district SBS NAGAR. 2023-08-20. 41.97 metres, as printed.

Mehatpur-PZ
Published district SBS NAGAR. 2021-01-10. 25.6 metres, as printed.

Mehduda
Published district LUDHIANA. 2022-08-20. 15.31 metres, as printed.

Mehleykey-Pz
Published district AMRITSAR. 2022-08-20. 5.2 metres, as printed.

Mehma Singh Wala-Pz

Published district LUDHIANA. 2022-08-20. 27.06 metres, as printed.

Mehmood Pur-PZ
Published district PATIALA. 2022-08-20. 35.5 metres, as printed.

Mehmuana
Published district FARIDKOT. 2024-01-01. 0.74 metres, as printed.

Mehraj-Pz
Published district BATHINDA. 2022-08-20. 28.8 metres, as printed.

Mehsampur-Pz
Published district JALANDHAR. 2022-08-20. 27.18 metres, as printed.

Mehta-Pz
Published district BATHINDA. 2022-08-20. 8.31 metres, as printed.

Mehta-Pz
Published district AMRITSAR. 2022-08-20. 10.05 metres, as printed.

Miani Bola-Pz
Published district KAPURTHALA. 2022-08-20. 11.08 metres, as printed.

Mianipur-Pz
Published district HOSHIARPUR. 2022-08-20. 5.13 metres, as printed.

Mianpur-Pz
Published district FATEHGARH SAHIB. 2022-08-20. 24.11 metres, as printed.

Minsa-Pz
Published district SANGRUR. 2022-05-20. 37.8 metres, as printed.

Miran Chak-Pz
Published district AMRITSAR. 2022-05-20. 23.61 metres, as printed.

Mirthal
Published district PATHANKOT. 2022-08-20. 5.98 metres, as printed.

Mirza Jaan-Pz
Published district GURDASPUR. 2022-05-20. 9.6 metres, as printed.

Mithra-Pz
Published district KAPURTHALA. 2022-05-20. 22.8 metres, as printed.

Mofar
Published district MANSA. 2023-11-01. 23.48 metres, as printed.

Mohawa
Published district TARN TARAN. 2022-05-20. 15.65 metres, as printed.

Mohkam Khan Wala-Pz
Published district FEROZEPUR. 2022-08-20. 13.89 metres, as printed.

Mohre Wala-Pz
Published district FEROZEPUR. 2023-11-01. 6.22 metres, as printed.

Mongowal-PZ
Published district PATIALA. 2022-08-20. 28.68 metres, as printed.

Morinda-PZ
Published district ROPAR. 2022-08-20. 26.18 metres, as printed.

Mudki-Pz
Published district FEROZEPUR. 2022-08-20. 16.84 metres, as printed.

Mukerian
Published district HOSHIARPUR. 2022-11-01. 3.72 metres, as printed.

Mukerian DW
Published district HOSHIARPUR. 2024-01-01. 2.33 metres, as printed.

Muktsar
Published district MUKATSAR. 2024-01-01. 3.97 metres, as printed.

Mullowali 1(vs)
Published district GURDASPUR. 2021-11-30. 3.91 metres, as printed.

Multania-Pz
Published district BATHINDA. 2022-08-20. 8.2 metres, as printed.

Mumra-Pz
Published district FARIDKOT. 2022-08-01. 5.63 metres, as printed.

Muradwala Dal-Pz
Published district FAZILKA. 2022-05-20. 2.31 metres, as printed.

Mushkabad
Published district LUDHIANA. 2023-11-01. 0.8 metres, as printed.

Muthi
Published district PATHANKOT. 2022-05-20. 4.4 metres, as printed.

Nadala
Published district KAPURTHALA. 2022-08-20. 11.59 metres, as printed.

Nagal Bihala
Published district HOSHIARPUR. 2023-11-01. 8.05 metres, as printed.

Naharpur-Pz
Published district HOSHIARPUR. 2022-08-20. 4.03 metres, as printed.

Nahinwala
Published district BATHINDA. 2024-01-01. 15.13 metres, as printed.

Nakodar 1(d)
Published district JALANDHAR. 2021-01-10. 37.11 metres, as printed.

Nakodar 3(s)
Published district JALANDHAR. 2022-08-20. 40.2 metres, as printed.

Nalini-Pz
Published district FATEHGARH SAHIB. 2023-11-01. 23.52 metres, as printed.

Nandpur Kalaur-Pz
Published district FATEHGARH SAHIB. 2022-08-20. 35.24 metres, as printed.

Nandpur-Pz
Published district TARN TARAN. 2022-05-20. 22.5 metres, as printed.

Nangal Bihala DW
Published district HOSHIARPUR. 2024-01-01. 9.39 metres, as printed.

Nangal Lubhana-Pz
Published district KAPURTHALA. 2022-08-20. 7.77 metres, as printed.

Nangal Sahaul-Pz
Published district AMRITSAR. 2022-05-20. 4.01 metres, as printed.

Nangal Shaman
Published district JALANDHAR. 2022-08-20. 37.52 metres, as printed.

Nangal Thathal-Pz
Published district HOSHIARPUR. 2022-08-20. 24.66 metres, as printed.

Nangal-Pz

Published district GURDASPUR. 2022-08-20. 3.45 metres, as printed.

Nangal-Pz
Published district FARIDKOT. 2023-11-01. 11.42 metres, as printed.

Nanhera-Pz
Published district PATIALA. 2022-08-20. 26.1 metres, as printed.

Nari -DW
Published district HOSHIARPUR. 2024-01-01. 1.75 metres, as printed.

Nariana
Published district PATIALA. 2024-01-01. 9.13 metres, as printed.

Narot Jaimalsingh-Pz
Published district PATHANKOT. 2022-08-20. 3.88 metres, as printed.

Nasirpur-Pz
Published district JALANDHAR. 2022-05-20. 11.1 metres, as printed.

Nathana-Pz
Published district BATHINDA. 2022-05-20. 25.55 metres, as printed.

Nathena-Pz
Published district BATHINDA. 2022-08-20. 7.19 metres, as printed.

Nathu Chahal-Pz
Published district KAPURTHALA. 2022-08-20. 36.19 metres, as printed.

Nathu Wala-Pz
Published district MOGA. 2023-11-01. 27.45 metres, as printed.

Nawan Pind
Published district PATHANKOT. 2024-01-01. 6.71 metres, as printed.

Nawan Tanal- Pz
Published district AMRITSAR. 2024-01-01. 11.83 metres, as printed.

Nihalkhera
Published district FAZILKA. 2024-01-01. 2.18 metres, as printed.

Nihalsinghwala-Pz
Published district MOGA. 2024-01-01. 41.1 metres, as printed.

Nurpur Janoa-Pz
Published district KAPURTHALA. 2022-08-20. 11.55 metres, as printed.

Nurpur-Pz
Published district LUDHIANA. 2022-08-20. 34.68 metres, as printed.

Nussi-Pz
Published district JALANDHAR. 2022-08-20. 38.68 metres, as printed.

P.A.U.Ludhiana 1(d)
Published district LUDHIANA. 2024-01-01. 31.83 metres, as printed.

P.A.U.Ludhiana 2(s)
Published district LUDHIANA. 2024-01-01. 36.37 metres, as printed.

Paazian-Pz
Published district KAPURTHALA. 2022-05-20. 23.5 metres, as printed.

Pabbian-Pz
Published district LUDHIANA. 2022-08-20. 23.88 metres, as printed.

Padmaiwal-PZ
Published district SBS NAGAR. 2022-05-20. 20.1 metres, as printed.

Pahluwala-Pz
Published district FARIDKOT. 2022-08-20. 4.21 metres, as printed.

Pakharpura-Pz
Published district AMRITSAR. 2022-08-20. 11.07 metres, as printed.

Pakho Ke-Pz
Published district BARNALA. 2022-08-20. 36.25 metres, as printed.

Palheri-PZ
Published district MOHALI. 2022-08-20. 35.13 metres, as printed.

Pan Khuh-DW
Published district HOSHIARPUR. 2023-01-01. 7.25 metres, as printed.

Pancha Wali-Pz
Published district FAZILKA. 2022-08-20. 11.68 metres, as printed.

Pandori Mehal-Pz
Published district HOSHIARPUR. 2022-08-20. 29.4 metres, as printed.

Pandori-Pz
Published district LUDHIANA. 2022-08-20. 25.8 metres, as printed.

Pandoritalab
Published district GURDASPUR. 2024-01-01. 2.69 metres, as printed.

Panjgaraian- Pz
Published district SANGRUR. 2022-08-20. 45.85 metres, as printed.

Parcha-Pz
Published district GURDASPUR. 2022-08-20. 6.29 metres, as printed.

Parmota-DW
Published district PATHANKOT. 2024-01-01. 6.96 metres, as printed.

Parshote-Pz
Published district HOSHIARPUR. 2022-08-20. 23.7 metres, as printed.

Passiana-PZ
Published district PATIALA. 2022-08-20. 27.88 metres, as printed.

Pathankot1
Published district PATHANKOT. 2023-11-01. 3.22 metres, as printed.

Pathial-Pz
Published district JALANDHAR. 2022-08-20. 19.18 metres, as printed.

Patran-Pz
Published district PATIALA. 2024-01-01. 50.37 metres, as printed.

Patran-Pz_1
Published district PATIALA. 2023-06-01. 27.59 metres, as printed.

Patti
Published district TARN TARAN. 2022-08-20. 26.65 metres, as printed.

Patti Dwarka-Pz
Published district BARNALA. 2022-08-20. 41.7 metres, as printed.

Pattiwalla-Pz
Published district FAZILKA. 2022-08-20. 1.81 metres, as printed.

Pawala
Published district FATEHGARH SAHIB. 2024-01-01. 13.25 metres, as printed.

Payal-Pz

Published district LUDHIANA. 2022-08-20. 15.01 metres, as printed.

Phagwara(deep)
Published district KAPURTHALA. 2023-11-01. 33.25 metres, as printed.

Phagwara(shallow)
Published district KAPURTHALA. 2023-11-01. 31.68 metres, as printed.

Phagwara1 (d)
Published district KAPURTHALA. 2023-01-01. 30.7 metres, as printed.

Phagwara2 (s)
Published district KAPURTHALA. 2024-01-01. 31.34 metres, as printed.

Phaphare Bhaike-Pz
Published district MANSA. 2022-08-20. 21.6 metres, as printed.

Phillaur 1(d)
Published district JALANDHAR. 2023-11-01. 18.58 metres, as printed.

Phillaur 2(s)
Published district JALANDHAR. 2023-11-01. 18.62 metres, as printed.

Philora-PZ
Published district PATHANKOT. 2022-08-20. 1.15 metres, as printed.

Phuglana- Pz
Published district HOSHIARPUR. 2023-11-01. 22.73 metres, as printed.

Phul
Published district BATHINDA. 2023-08-20. 29.02 metres, as printed.

Phulla
Published district BATHINDA. 2022-11-01. 25.88 metres, as printed.

Phulla1
Published district BATHINDA. 2024-01-01. 26.37 metres, as printed.

Phullo Mithi D
Published district BATHINDA. 2024-01-01. 6.66 metres, as printed.

Phullo Mithi M
Published district BATHINDA. 2023-11-01. 6.98 metres, as printed.

Phullo Mithi S
Published district BATHINDA. 2024-01-01. 7.34 metres, as printed.

Phulpiara
Published district PATHANKOT. 2022-05-20. 6.4 metres, as printed.

Phulu Khera-Pz
Published district MUKATSAR. 2022-05-20. 3.45 metres, as printed.

Pindan-Pz
Published district TARN TARAN. 2022-05-20. 22.5 metres, as printed.

Piyarana
Published district FEROZEPUR. 2024-01-01. 4.4 metres, as printed.

Punjab HOSHIARPUR HOSHIARPUR - II Rampur Colony(HSP) pz (D)
Published district HOSHIARPUR. 2023-11-01. 57.87 metres, as printed.

Punjab JALANDHAR JALANDHAR Talwandi Madho D
Published district JALANDHAR. 2023-08-20. 34.45 metres, as printed.

Punjab JALANDHAR JALANDHAR Talwandi Madho S
Published district JALANDHAR. 2024-01-01. 34.74 metres, as printed.

Punjab KAPURTHALA DHILWAN Bholath D
Published district KAPURTHALA. 2024-01-01. 10.5 metres, as printed.

Punjab KAPURTHALA DHILWAN Bholath M
Published district KAPURTHALA. 2023-11-01. 11.09 metres, as printed.

Punjab KAPURTHALA DHILWAN Bholath S
Published district KAPURTHALA. 2023-11-01. 10.77 metres, as printed.

Punjab LUDHIANA RAIKOT TALWANDI RAI
Published district LUDHIANA. 2023-11-01. 36.05 metres, as printed.

Punjab MANSA BUDHLADA Mofar-Pz
Published district MANSA. 2023-08-20. 23.95 metres, as printed.

Punjab PATIALA BHUNER HERI BHUNERHERI
Published district PATIALA. 2023-08-20. 44.18 metres, as printed.

Punjab PATIALA BHUNER HERI BHUNERHERI S
Published district PATIALA. 2023-11-01. 41.23 metres, as printed.

Punjab SANGRUR Sangrur Longowal
Published district SANGRUR. 2023-11-01. 38.16 metres, as printed.

Punjab SANGRUR SUNAM SUNAM-D
Published district SANGRUR. 2023-08-20. 41.4 metres, as printed.

Punjab SANGRUR SUNAM SUNAM-M
Published district SANGRUR. 2023-08-20. 45.1 metres, as printed.

Punjab SANGRUR SUNAM SUNAM-S
Published district SANGRUR. 2023-08-20. 44.5 metres, as printed.

Punjab SAS NAGAR DERA BASSI Handesara D
Published district SAS NAGAR. 2024-01-01. 52.34 metres, as printed.

Punjab SAS NAGAR Dera Bassi Handesra S
Published district SAS NAGAR. 2024-01-01. 13.05 metres, as printed.

Punjab SAS NAGAR Kharar Landran
Published district SAS NAGAR. 2023-08-20. 17.88 metres, as printed.

Punjab SBS NAGAR NAWANSHAHR Bahlora Kallan- Pz
Published district SBS NAGAR. 2023-08-20. 7.08 metres, as printed.

Punjab TARAN TARAN PATTI Barwala-S
Published district TARN TARAN. 2024-01-01. 40.78 metres, as printed.

Punjeta
Published district LUDHIANA. 2023-01-01. 10.25 metres, as printed.

Quaddian -Pz
Published district GURDASPUR. 2022-05-20. 16 metres, as printed.

Rahimpur-Pz
Published district JALANDHAR. 2022-05-20. 27.7 metres, as printed.

Rahon
Published district SBS NAGAR. 2021-01-10. 10.47 metres, as printed.

Raike Kalan
Published district BATHINDA. 2024-01-01. 3.92 metres, as printed.

Raikot-Pz
Published district LUDHIANA. 2022-08-20. 36.03 metres, as printed.

Raipur

Published district GURDASPUR. 2022-08-20. 2.72 metres, as printed.

Raipur Dhaba-Pz
Published district SBS NAGAR. 2024-01-01. 18.95 metres, as printed.

Raipur Kalan
Published district MOHALI. 2022-08-20. 16.79 metres, as printed.

Raipur-Pz
Published district MANSA. 2024-01-01. 7.57 metres, as printed.

Raisar-Pz
Published district BARNALA. 2022-08-20. 30.9 metres, as printed.

Rajgarh Kubey-Pz
Published district BATHINDA. 2022-08-20. 12.38 metres, as printed.

Rajgarh_2
Published district PATIALA. 2024-01-01. 28.25 metres, as printed.

Rajo Majra-PZ
Published district SANGRUR. 2022-08-20. 37.99 metres, as printed.

Rajoke-Pz
Published district TARN TARAN. 2022-08-20. 7.61 metres, as printed.

Rajona Khurd
Published district LUDHIANA. 2022-08-20. 35.5 metres, as printed.

Rajpura deep
Published district PATIALA. 2023-11-01. 27.56 metres, as printed.

Rajpura Pz M
Published district PATIALA. 2024-01-01. 26.42 metres, as printed.

Rajpura-PzSt
Published district PATIALA. 2023-01-01. 38.16 metres, as printed.

Rakawal-PZ
Published district PATHANKOT. 2022-08-20. 3.71 metres, as printed.

Rakhra-Pz
Published district PATIALA. 2022-05-20. 29.77 metres, as printed.

Rala Hazi- Pz
Published district FEROZEPUR. 2022-05-20. 7.98 metres, as printed.

Ralla
Published district MANSA. 2024-01-01. 19.51 metres, as printed.

Ralla D
Published district MANSA. 2024-01-01. 18.73 metres, as printed.

Ralla M
Published district MANSA. 2024-01-01. 17.94 metres, as printed.

Ralla S
Published district MANSA. 2024-01-01. 18.73 metres, as printed.

Ramdas-DW
Published district AMRITSAR. 2024-01-01. 4.55 metres, as printed.

Ramgarh-Pz
Published district SBS NAGAR. 2022-05-20. 14.6 metres, as printed.

Ramgarh_2
Published district PATIALA. 2023-11-01. 37.37 metres, as printed.

Rampur Channa-Pz
Published district SANGRUR. 2022-08-20. 32.9 metres, as printed.

Rampura
Published district BATHINDA. 2024-01-01. 36.18 metres, as printed.

Rampura-Pz
Published district AMRITSAR. 2021-01-10. 7.6 metres, as printed.

Rampura-Pz_1
Published district BATHINDA. 2024-01-01. 30.1 metres, as printed.

Ramsara-Pz
Published district FAZILKA. 2022-08-20. 3.71 metres, as printed.

Rani Pur-PZ
Published district PATHANKOT. 2022-08-20. 11.57 metres, as printed.

Raonke Kalan-Pz
Published district MOGA. 2022-08-20. 34.1 metres, as printed.

Rashiana-Pz
Published district LUDHIANA. 2022-08-20. 26.93 metres, as printed.

Rashin
Published district LUDHIANA. 2022-08-20. 32.15 metres, as printed.

Rasoolpur Jaura-PZ
Published district PATIALA. 2022-08-20. 31.34 metres, as printed.

Rasulpur
Published district LUDHIANA. 2022-08-20. 20.29 metres, as printed.

Rasulpur D
Published district LUDHIANA. 2024-01-01. 34.98 metres, as printed.

Rasulpur M
Published district LUDHIANA. 2024-01-01. 34.9 metres, as printed.

Rasulpur S
Published district LUDHIANA. 2024-01-01. 35.55 metres, as printed.

Ratoke-Pz
Published district TARN TARAN. 2024-01-01. 34.42 metres, as printed.

Ratta Khera Chota-Pz
Published district MUKATSAR. 2022-08-20. 1.54 metres, as printed.

Rattewal-Pz
Published district LUDHIANA. 2022-08-20. 32.13 metres, as printed.

Ratti Rori-Pz
Published district FARIDKOT. 2022-08-20. 0.74 metres, as printed.

Rawalpindi-Pz
Published district KAPURTHALA. 2022-08-20. 28.82 metres, as printed.

Rayya-Pz
Published district AMRITSAR. 2022-05-20. 18 metres, as printed.

Rayya-Pz
Published district BATHINDA. 2022-08-20. 36.65 metres, as printed.

Roomi-Pz
Published district LUDHIANA. 2022-08-20. 32.22 metres, as printed.

Rorian Kapura-Pz

Published district FARIDKOT. 2022-08-20. 14.5 metres, as printed.

Rukne Wala-Pz
Published district FEROZEPUR. 2022-05-20. 9.88 metres, as printed.

Rupana-Pz
Published district MUKATSAR. 2022-05-20. 3.2 metres, as printed.

Rupowal Brahmana-Pz
Published district AMRITSAR. 2022-08-20. 14.71 metres, as printed.

Rurgarh-PZ
Published district SANGRUR. 2022-08-20. 47.16 metres, as printed.

Rurka Kalan- Pz
Published district JALANDHAR. 2022-08-20. 34.54 metres, as printed.

Rurki Heeran-Pz
Published district ROPAR. 2021-08-31. 38.6 metres, as printed.

Rurki Kalan-Pz
Published district SANGRUR. 2022-08-20. 27.25 metres, as printed.

Sabran-Pz
Published district TARN TARAN. 2022-08-20. 25.61 metres, as printed.

Saddo Majra OW
Published district FATEHGARH SAHIB. 2023-11-01. 20.86 metres, as printed.

Sadhusha Wala-Pz
Published district FEROZEPUR. 2022-08-20. 14.84 metres, as printed.

Sadiq-Pz
Published district FARIDKOT. 2024-01-01. 4.07 metres, as printed.

Sado Majra
Published district FATEHGARH SAHIB. 2023-01-01. 20.98 metres, as printed.

Sahab Pura- Pz
Published district TARN TARAN. 2023-11-01. 23.63 metres, as printed.

Saidowal Kalan-DW
Published district GURDASPUR. 2024-01-01. 3.31 metres, as printed.

Sajaywal-Pz
Published district LUDHIANA. 2022-08-20. 32.85 metres, as printed.

Salabatpur-Pz
Published district BATHINDA. 2022-08-20. 39.85 metres, as printed.

Saleh Chak
Published district GURDASPUR. 2023-11-01. 2.64 metres, as printed.

Salehchak(vs)
Published district GURDASPUR. 2023-01-01. 3.7 metres, as printed.

Salempur
Published district FATEHGARH SAHIB. 2022-05-20. 37 metres, as printed.

Salempur
Published district ROPAR. 2023-11-01. 32.13 metres, as printed.

Samad Bhai-Pz
Published district MOGA. 2022-08-20. 28.98 metres, as printed.

Samalsar-Pz
Published district MOGA. 2022-05-20. 24.44 metres, as printed.

Samana-Pz
Published district PATIALA. 2024-01-01. 42.06 metres, as printed.

Samarahi-Pz
Published district JALANDHAR. 2022-08-20. 30.55 metres, as printed.

Samaspur-Pz
Published district PATIALA. 2022-08-20. 29.76 metres, as printed.

Samraj Tanda-DW
Published district HOSHIARPUR. 2023-01-01. 4.93 metres, as printed.

Samrala 1(d)
Published district LUDHIANA. 2024-01-01. 15.2 metres, as printed.

Samrala 2(s)
Published district LUDHIANA. 2024-01-01. 15.47 metres, as printed.

Sandhwan-Pz
Published district FARIDKOT. 2022-05-20. 7.5 metres, as printed.

Sanewal-Pz
Published district LUDHIANA. 2022-05-20. 18.07 metres, as printed.

Sangatpur-Pz
Published district KAPURTHALA. 2022-08-20. 28.46 metres, as printed.

Sangatpura-Pz
Published district LUDHIANA. 2022-08-20. 21.32 metres, as printed.

Sangatpura-Pz
Published district PATIALA. 2024-01-01. 32.67 metres, as printed.

Sangha-Pz
Published district MANSA. 2022-05-20. 68.2 metres, as printed.

Sarangra-Pz
Published district AMRITSAR. 2022-05-20. 12.9 metres, as printed.

Sarih Pz
Published district JALANDHAR. 2023-11-01. 33.63 metres, as printed.

Sarih Pz-M
Published district JALANDHAR. 2023-11-01. 29.13 metres, as printed.

Sarna
Published district PATHANKOT. 2023-01-01. 11 metres, as printed.

Saroya Bagh-Pz-D
Published district AMRITSAR. 2022-05-20. 16.6 metres, as printed.

Sathial-Pz
Published district GURDASPUR. 2023-01-01. 12.98 metres, as printed.

Sathiala-Pz
Published district AMRITSAR. 2022-08-20. 19.28 metres, as printed.

Satnoh-PZ.
Published district HOSHIARPUR. 2022-08-20. 42.62 metres, as printed.

Sauja-PZ
Published district PATIALA. 2022-08-20. 33.97 metres, as printed.

Saunti- Pz-Deep
Published district FATEHGARH SAHIB. 2022-05-20. 27.44 metres, as printed.

Sawara

Published district MOHALI. 2024-01-01. 4.45 metres, as printed.

Sehna khera-Pz
Published district MUKATSAR. 2022-05-20. 2.9 metres, as printed.

Sekhpur Khurd-PZ
Published district SANGRUR. 2022-08-20. 39.94 metres, as printed.

Sekhwas-PZ
Published district SANGRUR. 2022-08-20. 44.25 metres, as printed.

Shabura-Pz
Published district AMRITSAR. 2022-08-20. 17.76 metres, as printed.

Shahkot(d)
Published district JALANDHAR. 2023-11-01. 29.8 metres, as printed.

Shahkot(s)
Published district JALANDHAR. 2022-05-20. 33 metres, as printed.

Shahpur-Pz
Published district GURDASPUR. 2022-08-20. 5.13 metres, as printed.

Shalapur Dona-Pz
Published district KAPURTHALA. 2022-05-20. 33.5 metres, as printed.

Sham Chaurasi
Published district HOSHIARPUR. 2024-01-01. 11.83 metres, as printed.

Sham Nagar-Pz
Published district AMRITSAR. 2022-08-20. 9.94 metres, as printed.

Sham Singhwala-Pz
Published district FAZILKA. 2021-01-10. 10.84 metres, as printed.

Sheikh-Pz
Published district MUKATSAR. 2022-08-20. 1.33 metres, as printed.

Shekha
Published district BARNALA. 2022-05-20. 41.78 metres, as printed.

Sher Singh Wala- Pz
Published district FARIDKOT. 2024-01-01. 2.64 metres, as printed.

Sherewala-Pz
Published district FAZILKA. 2022-08-20. 7.43 metres, as printed.

Sherian
Published district LUDHIANA. 2024-01-01. 2.64 metres, as printed.

Sherpur
Published district BARNALA. 2022-08-20. 44.78 metres, as printed.

Sherpur Pz
Published district SANGRUR. 2024-01-01. 50.13 metres, as printed.

Sibo Chak- DW
Published district HOSHIARPUR. 2024-01-01. 7.03 metres, as printed.

Sidhwan Bet-Pz
Published district LUDHIANA. 2024-01-01. 11.88 metres, as printed.

Sikandarpur-PZ
Published district SANGRUR. 2022-08-20. 43.67 metres, as printed.

Simbli- OW
Published district HOSHIARPUR. 2024-01-01. 19.18 metres, as printed.

Simbli-Pz
Published district HOSHIARPUR. 2024-01-01. 17.81 metres, as printed.

Singh Bhagwant Pur
Published district ROPAR. 2023-11-01. 34.64 metres, as printed.

Singhpura-Pz
Published district FAZILKA. 2022-05-20. 1.7 metres, as printed.

Singhpura-Pz
Published district MOHALI. 2022-08-20. 29.15 metres, as printed.

Sirhind-Pz
Published district FATEHGARH SAHIB. 2022-08-20. 23.5 metres, as printed.

Sirsini
Published district MOHALI. 2024-01-01. 1 metres, as printed.

Sitoganno
Published district FAZILKA. 2024-01-01. 0.77 metres, as printed.

Skarar Pur-Pz
Published district JALANDHAR. 2022-08-20. 37.43 metres, as printed.

Soara
Published district ROPAR. 2022-08-01. 8.1 metres, as printed.

Sohal
Published district GURDASPUR. 2022-05-20. 11 metres, as printed.

Sohana-PZ
Published district MOHALI. 2022-08-20. 3.42 metres, as printed.

Sohangarh D
Published district FAZILKA. 2023-11-01. 1.38 metres, as printed.

Sohangarh M
Published district FAZILKA. 2024-01-01. 1.96 metres, as printed.

Sohangarh Ratte
Published district FAZILKA. 2024-01-01. 2.96 metres, as printed.

Sohangarh S
Published district FAZILKA. 2024-01-01. 2.27 metres, as printed.

Sooch-Pz
Published district BATHINDA. 2022-08-20. 26.1 metres, as printed.

Sugga-Pz
Published district TARN TARAN. 2022-08-20. 22.47 metres, as printed.

Sujanpur-PZ
Published district PATHANKOT. 2022-08-20. 2.7 metres, as printed.

Sukhwala-Pz
Published district FARIDKOT. 2023-06-01. 3.28 metres, as printed.

Sultan Khan Wala Urf-Pz
Published district FEROZEPUR. 2022-08-20. 16.2 metres, as printed.

Sultanpur-Pz
Published district JALANDHAR. 2022-08-20. 21.26 metres, as printed.

Sultanpur1 (d)
Published district KAPURTHALA. 2024-01-01. 17.5 metres, as printed.

Sultanpur2 (s)

Published district KAPURTHALA. 2024-01-01. 13.68 metres, as printed.

Sunam-Pz
Published district SANGRUR. 2024-01-01. 42.75 metres, as printed.

Sundran D
Published district SAS NAGAR. 2024-01-01. 85.84 metres, as printed.

Sundran D_1
Published district SAS NAGAR. 2023-11-01. 85.07 metres, as printed.

Sundran M
Published district SAS NAGAR. 2024-01-01. 80.41 metres, as printed.

Sundran M_1
Published district SAS NAGAR. 2023-11-01. 83.98 metres, as printed.

Sundran S
Published district SAS NAGAR. 2024-01-01. 64.87 metres, as printed.

Sundran S_1
Published district SAS NAGAR. 2023-11-01. 68.18 metres, as printed.

Sundran-Pz
Published district MOHALI. 2022-08-20. 28.39 metres, as printed.

Surala Kalan-PZ
Published district PATIALA. 2022-08-20. 1.53 metres, as printed.

Swah Wala- Pz
Published district FAZILKA. 2023-11-01. 11.58 metres, as printed.

Talwan-Pz
Published district JALANDHAR. 2022-08-20. 24.63 metres, as printed.

Talwandi Chaudary -Pz
Published district KAPURTHALA. 2022-01-30. 11 metres, as printed.

Talwandi Jalle Khan-pz
Published district FEROZEPUR. 2022-08-20. 32.28 metres, as printed.

Talwandi Kalan-Pz
Published district LUDHIANA. 2022-08-20. 25.79 metres, as printed.

Talwani Madho-Pz
Published district JALANDHAR. 2023-11-01. 36.83 metres, as printed.

Talwara
Published district FATEHGARH SAHIB. 2022-08-20. 23.13 metres, as printed.

Talwara1
Published district HOSHIARPUR. 2024-01-01. 10.87 metres, as printed.

Talwara2
Published district HOSHIARPUR. 2022-05-20. 8.55 metres, as printed.

Tanda
Published district HOSHIARPUR. 2022-05-20. 4.25 metres, as printed.

Tandari Kallon
Published district LUDHIANA. 2022-08-20. 39.18 metres, as printed.

Tapa 07pz
Published district BARNALA. 2023-01-01. 42.26 metres, as printed.

Tapa OW
Published district BARNALA. 2023-08-20. 45.04 metres, as printed.

Tappa
Published district BARNALA. 2023-06-01. 41.6 metres, as printed.

Tappa Mandi-Pz
Published district BARNALA. 2023-11-01. 45.55 metres, as printed.

Tarsika-Pz
Published district AMRITSAR. 2022-08-20. 17.25 metres, as printed.

Tehna-Pz
Published district FARIDKOT. 2023-11-01. 9.68 metres, as printed.

Tehqualandar
Published district FAZILKA. 2023-11-01. 10.27 metres, as printed.

Teona-Pz
Published district BATHINDA. 2022-05-20. 5.8 metres, as printed.

Thadian M
Published district SBS NAGAR. 2024-01-01. 19.81 metres, as printed.

Thakarwala
Published district HOSHIARPUR. 2024-01-01. 3.71 metres, as printed.

Thanda-Pz
Published district JALANDHAR. 2022-08-20. 30.57 metres, as printed.

Thandian S
Published district SBS NAGAR. 2024-01-01. 19.01 metres, as printed.

Thathe Bhai-Pz
Published district MOGA. 2022-08-20. 27.88 metres, as printed.

Thikriwali-Pz
Published district KAPURTHALA. 2022-08-20. 10.46 metres, as printed.

Thua
Published district PATIALA. 2024-01-01. 33.6 metres, as printed.

Tibbi Hari Singh-PZ
Published district MANSA. 2022-08-20. 22.09 metres, as printed.

Tibbi Kalan-Pz
Published district FEROZEPUR. 2022-08-20. 8.37 metres, as printed.

Tibbi OW
Published district FATEHGARH SAHIB. 2023-11-01. 30.36 metres, as printed.

Tibbi Taiwan Laluwalla-Pz
Published district FEROZEPUR. 2022-08-20. 4.27 metres, as printed.

Tikriwala-Pz
Published district GURDASPUR. 2022-05-20. 12.4 metres, as printed.

Timber Pur-Pz
Published district FATEHGARH SAHIB. 2022-08-20. 22.49 metres, as printed.

Torewal-PZ
Published district SBS NAGAR. 2022-08-20. 25.78 metres, as printed.

Tota Singh Wala-Pz
Published district MOGA. 2022-08-20. 12.3 metres, as printed.

Tungwali-Pz
Published district BATHINDA. 2022-08-20. 20.69 metres, as printed.

Turan D

Published district JALANDHAR. 2024-01-01. 19.85 metres, as printed.

Turan M
Published district JALANDHAR. 2024-01-01. 18.74 metres, as printed.

Turan S
Published district JALANDHAR. 2024-01-01. 18.22 metres, as printed.

Udhopur
Published district JALANDHAR. 2022-11-01. 8.08 metres, as printed.

Udonwal-Pz
Published district LUDHIANA. 2022-05-20. 4.82 metres, as printed.

Ugar Aulakh-Pz
Published district AMRITSAR. 2022-08-20. 15.57 metres, as printed.

Upplan
Published district LUDHIANA. 2022-08-20. 9.89 metres, as printed.

Urdhan-Pz-D
Published district AMRITSAR. 2023-11-01. 9.33 metres, as printed.

Urdhan-Pz-M
Published district AMRITSAR. 2024-01-01. 9.45 metres, as printed.

Urdhan-Pz-S
Published district AMRITSAR. 2024-01-01. 9.09 metres, as printed.

Utlan
Published district LUDHIANA. 2024-01-01. 11.38 metres, as printed.

Vadala Kalan-Pz
Published district AMRITSAR. 2022-08-20. 18.76 metres, as printed.

Vadala Viran-Pz
Published district AMRITSAR. 2022-05-20. 8.9 metres, as printed.

Varing-Pz
Published district TARN TARAN. 2022-05-20. 22.5 metres, as printed.

Verka-Pz
Published district AMRITSAR. 2022-05-20. 21.2 metres, as printed.

Wachhoya-Pz
Published district AMRITSAR. 2022-05-20. 21.1 metres, as printed.

Wage Wala-Pz
Published district FEROZEPUR. 2022-08-20. 12.35 metres, as printed.

Wandala Bittewad-Pz
Published district AMRITSAR. 2022-08-20. 18.71 metres, as printed.

Wara Dwarka-Pz
Published district FARIDKOT. 2023-11-01. 4.14 metres, as printed.

What the Map Draws

A line is the published course, clipped. It is not a quality stretch and not a stage map.

Named lines and drains on the clip: 157. A drain stays a drain. The four names kept in view are Satluj River, Beas River, Ravi and Ghagghar.

Published name	Published name	Published name
Akbi	Aspal Drain	Atari Drain

Published name	Published name	Published name
B 6 Drain	Bachhwrawah	Bahadursinghwala Drain
Bajuman Drain	Baliali	Balian Drain
Banklika Cho	Bareta Drain	Bassian Drain
Bassian Outfall Drain	Batala Drain	Beas River
Bhati K	Bhiyani	Branch Drain No. 1
Branch Drain No. 2	Branch Drain No. 3	Branch Drain No. 4
Branch Drain No. 4A	Branch Drain No. 4B	Branch Drain No. 5 A
Budda Nala	Budha Darya	Budha Drain
Budki	Buttari Drain	Chabal Kalan Drain
Chachrari Drain	Chakki Khad	Chamkor Machhiwara Drain
Chandbhan Drain	Chhaunchh Di Khad	Chhichhrewal Drain
Chikri Drain	Choa Nala	Choe
D 3 Drain	Dagru Drain	Dangri
Daodhar Drain	Darang Khad	Dhanaula Drain
Dhardeo Drain	Dhardli	Dharmsinghwala Drain
Dhuri Drain	Dode Drain	Drain
East or White Bein	Eriwala Sarkohi Drain	Fatehgarh Drain
Ferozeshah Drain	Ganda Nala	Gandiwind Drain
Gangi Nala	Ghagghar	Gobindpura Drain
Hambowal	Harigarh Drain	Haripur
Harpur Drain	Jabbar Khad	Jainta Devi Ki Rao
Jalalabad Main Drain	Jethuwal Drain	Kahn Khad
Kahnuwan Swamp Drain	Kail	Kairon Drain
Kala Pani Drain	Kali Nala	Kali Or Kalna Bein
Kanahan N	Kasel Padhana Drain	Kasur
Katlaur Drain	Khaire Drain	Khal
Khewa Drain	Khilchian Drain	Khojala Drain
Kingrawala Choe	Kiran	Kohala Drain
Kotli Drain	Kum Drain	Kundlu Ki Khad
Lakhowal Drain	Landa	Langiana Drain No. 2
Lehra Gaga Link Drain	Lehra Gaga Main Drain	Lower Lissara Nala
Luhund Khad	Malaut Drain	Malik Drain
Malioke Drain	Malsian Drain	Maranpur Choa
Mari Drain	Markanda	Medkhali Nala
Moga Drain	Mohalagwara Drain	Mojjewala Drain
Momian Drain	Muradpur Drain	Nabha Drain
Nalua	Nandialwala Choe	Nathowal Link Drain
Naumuni N	Naushahra Drain	Nawanpind Drain
Nilon Drain	Old Machhiwara Drain	Pakka Drain
Panjwar Drain	Para	Patialewali
Patti	Phidda Drain	Raikot Link Drain
Rajgarh Bhamau Drain	Rakh Drain	Rau
Ravi	Rohi Drain	Rohti Drain
Sadda Singhwala Drain	Sakki Drain	Samadh Bhai Drain
Satluj River	Sem	Sem Nala
Sidhwan Drain	Sirhind Cho	Sirkian Drain
Sirsa	Siswan	Soan
Sohan N	Sugh Rao	Sukar Drain
Sukhmana	Suknnan	Syar Khad
Tangauri Choi	Tarobri Drain	Tihar Drain
Todarpur Link Drain	Ujh	West Or Black Bein

Published name	Published name	Published name
Zira Drain		

Reservoir outlines, PIC prefix PB. An outline is not a storage volume.

Name	PIC	Basin	River field
Ranjit Sagar Dam	PB26VH0011	Indus (Up to border)	Bhivani
Damsal Dam	PB26MH0005	Indus (Up to border)	-
Thana Dam	PB26MH0014	Indus (Up to border)	-
Dholwaha Dam Lake, Punjab	PB26HH0003	Indus (Up to border)	-
Janauri Dam	PB26HH0004	Indus (Up to border)	-
Saleran Dam, Punjab	PB26HH0008	Indus (Up to border)	-
Chohal Dam	PB26MH0006	Indus (Up to border)	-
Nara Dam	PB26MH0016	Indus (Up to border)	-
Patiaria Dam	PB26HH0013	Indus (Up to border)	-
Maili Dam	PB26MH0002	Indus (Up to border)	-
Siswana Reservoir	PB26MH0010	Indus (Up to border)	-
Mirzapur Check Dam	PB26MH0009	Indus (Up to border)	Budki
Jayanti Devi Dam	PB26MH0012	Indus (Up to border)	-
Perch Check Dam	PB26MH0007	Indus (Up to border)	-
NANGAL	PB26MH0001	Indus (Up to border)	Satluj
SHAHPUR KANDI	PB26HH0015	Indus (Up to border)	Ravi

Dam points inside the polygons. Shahpur Kandi is outside and is not in this list.

Name	Published district	Purpose	PIC
Nangal	Rupnagar	Irrigation / Hydropower	PB26MH0001
Maili	Hoshiarpur	Irrigation	PB26MH0002
Dholbaha	Hoshiarpur	Irrigation	PB26HH0003
Janauri	Hoshiarpur	Irrigation / Flood Control	PB26HH0004
Damsal	Hoshiarpur	Irrigation / Flood Control	PB26MH0005
Chohal	Hoshiarpur	Irrigation / Flood Control	PB26MH0006
Perch	Sahibzada Ajit Singh Nagar	Irrigation	PB26MH0007
Saleran	Hoshiarpur	Irrigation / Flood Control	PB26HH0008
Mirzapur	Sahibzada Ajit Singh Nagar	Irrigation / Tourism / Flood Control / Fishing	PB26MH0009
Siswan	Sahibzada Ajit Singh Nagar	Irrigation	PB26MH0010
Ranjit Sagar	Pathankot	Irrigation / Hydropower / Flood Control / Fishing / Other Benefits	PB26VH0011
Jainti	Sahibzada Ajit Singh Nagar	Irrigation	PB26MH0012
Patiari	Hoshiarpur	Irrigation / Flood Control	PB26HH0013
Thana	Hoshiarpur	Irrigation / Flood Control	PB26MH0014
Nara Dam	Hoshiarpur	Irrigation	PB26MH0016

Water spread. Lakes kept. Other types only at or above 100 hectares. Not a volume.

Name	Code	Published district	Hectares	Phase
Chak Hakim	PB01KPR0011	Kapurthala	1.49	I
Dholbaha Dam	PB01HSP0003	Hoshiarpur	126.92	II
Hamidi	PB01BNL0031	Barnala	1.16	I
Kahneke	PB01BNL0028	Barnala	1.2	I
Kapurthala	PB01KPR0003	Kapurthala	1.86	I
PB01HSP0008	PB01HSP0008	Hoshiarpur	304.66	II

Name	Code	Published district	Hectares	Phase
PB01KPR0027	PB01KPR0027	Kapurthala	1.58	I
PB01KPR0028	PB01KPR0028	Kapurthala	1.51	I
PB01SNR0196	PB01SNR0196	Sangrur	1.12	I
PB01SNR0229	PB01SNR0229	Sangrur	1.02	I
PB01SNR0230	PB01SNR0230	Sangrur	1.03	I
Ratolan	PB01MLR0001	Malerkotla	1.5	I

Dholbaha Dam is 126.92 hectares, Phase II, published district Hoshiarpur. PB01HSP0008 is 304.66 hectares, published district Hoshiarpur. Ratolan is 1.5 hectares, published district Malerkotla, with no LGD and no join onto Sangrur.

Basins on the clip: Area of Inland drainage in Rajasthan; Indus (Up to border). The inland-drainage name is the published basin name.

Canals whose state attribute is Punjab, clipped to the polygons: 1151 features. A canal line is not a command area.

What Stays Open

An open row is a named absence. It is not filled from a neighbouring district, from a state total, or from another state.

Live storage joined to each reservoir

Dam point is not automatically the reservoir

Groundwater below district

Cascade topology

Village pond / traditional drinking storage as points

Volume delivered, not tap listings

Quality as a stretch

Floodplain geography

Sub-basin / watershed polygons

District industrial demand in cubic metres

Ecological water requirement

Procurement, movement, consumption, nutrition

Physical export and virtual water

Whether a listed work caused a change

T - 20 / T - 10 / T - 5 maps

Ferozepur is on the register. The PDF prints Firozpur. No figure is on the Ferozepur master row.

Shahid Bhagat Singh Nagar is on the register. The PDF prints SBS Nagar. No figure is on the master row.

Sri Muktsar Sahib is on the register. The PDF prints Muktsar. No figure is on the master row.

Monsoon split, sector extraction, allocation and future availability are in the RELATED workbook. They have no parameter-index code.

Malerkotla is on the register. This NWIC extract has 22 Punjab polygons and does not include Malerkotla. Do not paint Sangrur as Malerkotla.

CGWB GWRA 2025 is on the master where the PDF name matches the register. Ferozepur, Shahid Bhagat Singh Nagar and Sri Muktsar Sahib stay empty. DES land-use 2024-25 is a Punjab state total and is not written onto a district. CGWB groundwater TDS for 2021 is on the master where the file's LGD matches the register and that year has a sample. Annual rainfall for 2021 is on the master where the printed district name matches. SBS Nagar is not joined. DES district irrigation and rice, wheat and sugarcane area for 2024-2025 are on the master where the printed name matches. Firozepur, Muktsar and Nawanshahr are not joined.

Rivers, basins, reservoirs, dams, aquifers and canals are clipped from the national files to the district polygons. Water spread is the Punjab Phase I and Phase II inventory: 12 polygons. Lakes are kept. Other waterbodies are kept at 100 hectares and above. Surface water quality stations are the latest CPCB and CWC chemical samples, 2021-2025, at the published coordinates. A line is not a quality stretch, and a basin name is not a stage map.

Abridged book. Closed. This file is that book. Crop by groundwater is not in it.

The Close

The page can be read as one state and still be twenty-three districts. The state stage is 156.36 percent. Seventeen joined districts print a stage at or above 100. Three groundwater names do not join. Agricultural area is known as hectares by crop and by canal or tubewell, and unknown as crop by source of water.

The map can be walked as polygons, lines and points. It cannot be walked as a quality stretch, a flood class, a storage volume, or a district average painted from a station. Malerkotla can be named and cannot yet be drawn. The live site is not this file.

What would change the book is a printed figure that matches a register name, or a polygon and a code for Malerkotla arriving together. Until then the empty cells stay empty.

References

Central Ground Water Board. Ground Water Resource Assessment 2025, Annexure II. Hectare-metre. District rows where the printed name matches this register. State total kept statewide.

Directorate of Economics and Statistics, Punjab. Land Use Statistics web report, crop year 2024-2025. Hectares as printed. Source of irrigation, area under crops, crop-wise irrigated area.

Directorate of Economics and Statistics. Land Use Statistics at a Glance, 2024-25, Tables 5, 6 and 7. Punjab state total, thousand hectares. Not written onto a district.

Economic and Statistical Organisation, Punjab. District rainfall, 1970-2021, millimetres. T0 is 2021.

Central Ground Water Board chemical samples, NWDP Punjab file. 2021 station-mean total dissolved solids, and the 2021 station points.

Central Ground Water Board manual quarterly groundwater level, Punjab, 2021-2025. Latest sample at each station, metres as printed, inside the 22 polygons.

NWIC / Survey of India. Punjab district polygons used for this clip. Twenty-two live. Malerkotla open.

Central Water Commission river network, basins, reservoirs with PIC prefix PB, and canals whose state attribute is Punjab. Clipped to the 22 polygons.

National Dam Safety Authority dam points whose location falls inside the 22 polygons.

Central Ground Water Board principal aquifers, dissolved by formation name.

NWDP Water Spread Area, Phase I and Phase II, Punjab.

CPCB chemical samples 2021-2025 and CWC chemical samples 2021-2025. One latest sample per station inside the 22 polygons.

Punjab Surface Water Department telemetry. River level, river discharge, and gate discharge. Latest sample at each kept station. Cusec gates are not summed.