INDIA WATER SYSTEMS ATLAS

RAJASTHAN

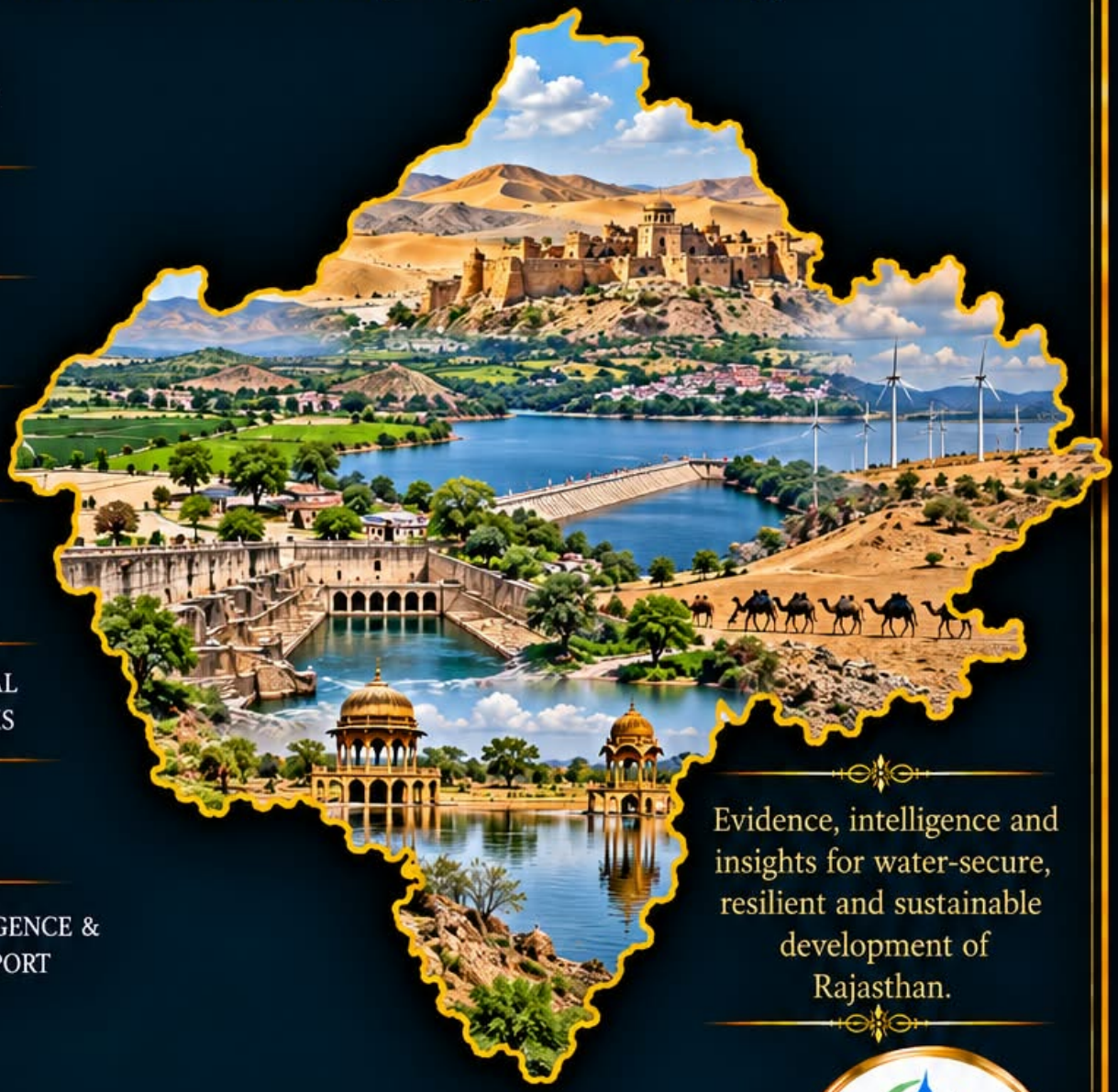
— GROUNDWATER + SURFACE WATER —

ABRIDGED VOLUME

"Rivers, desert basins and groundwater — a connected system."

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 Rajasthan.

OPXL Consulting • Akhsheya Group • Chennai

G.L.Sudhakar
WATER INTELLIGENCE

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Author's note

This volume is the abridged reading of the Rajasthan Schemia as frozen on 30 October 2026. It prints a figure only where that workbook already holds it. A dash on a source table stays empty. A neighbour is not copied onto a district the file does not name. Where a district has only one station, that latest reading is written and the note says n=1.

The cover is the edition plate for this volume. The printed line "Water outcome = Geomorphology x Soil x Lithology" is a conceptual proposition only. It is not a calculated index, not a score, and not a measurement in this volume.

Crop by groundwater is not in this volume. Hectare-metres are not converted into billion cubic metres on a district row. The eight districts without a polygon are named and are not drawn.

The Proposition

Rajasthan, as this volume can show it, is an account of official tables read through six 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.

Water is lived in six ways, and the ways are not added. Canal north is Ganganagar and Hanumangarh, where water arrives by canal from the Sutlej-Beas system. The Thar is Bikaner, Jaisalmer, Barmer, Balotra, Jodhpur and Phalodi. Canal water inside Bikaner and Jaisalmer stays inside those districts and is not split off. The Luni and the west Aravalli are Jalore, Pali, Sirohi and Beawar. Shekhawati and the inland drainage are Churu, Jhunjhunu, Sikar, Nagaur and Didwana-Kuchaman. The eastern rivers are thirteen districts, from Ajmer to Tonk. The south and Hadoti are eleven districts, from Banswara to Udaipur. The six counts sum to forty-one. Every district is whole.

The groundwater account is the Central Ground Water Board compilation for 2025, Annexure II, in hectare-metre. The printed state total is recharge 1,287,008.1 hectare-metre, extractable resource 1,162,168.28 hectare-metre, extraction 1,709,620.1 hectare-metre, and stage 147.11 percent. That row is the state. It is not divided onto a district, and it is not a crop share. Thirty-three districts are on the groundwater-resource table. Chittaurgarh, Dhaulpur and Jalor are joined as Chittorgarh, Dholpur and Jalore - the same districts under the Annexure II spellings. The eight newer districts have no Annexure II row and stay empty.

Depth is metres below ground. May is the pre-monsoon reading and November is the post-monsoon reading. Bikaner in May 2021 stays 82.59 metres, the Central Ground Water Board station mean. Ajmer in May 2024 stays 14.64 metres. A later file is not averaged into either cell. Rainfall is the station mean of recorded rainy days. Quality is a station mean; where the file has one station, that reading is written and marked n=1. A groundwater stage percent and a depth in metres describe different conditions. They are not collapsed into one ranking.

How This Volume Is Built

The order follows the Uttar Pradesh abridged volume. The proposition says what can be said. The thirty domains say what the architecture asks for. The filled Rajasthan figures are concentrated in rainfall, groundwater depth and resource, water quality, and selected crops. The other domains stay empty where no matching series was joined. The plate shows the thirty-three polygons. The nodes come before the tracts so the reader starts where a city is named. The tract then supplies the company that city keeps. A node is one parent tract. It is not a district meter.

The register has forty-one districts. The polygon file has thirty-three, from the Survey of India boundary published by NWIC, state RJ. Balotra, Beawar, Deeg, Didwana-Kuchaman, Khairthal-Tijara, Kotputli-Behror, Phalodi and Salumbar are on the register and are not drawn. Barmer is not Balotra. Ajmer, Pali and Rajsamand are not Beawar. Bharatpur is not Deeg. Nagaur is not Didwana-Kuchaman. Alwar is not Khairthal-Tijara. Jaipur and Alwar are not Kotputli-Behror. Jodhpur is not Phalodi. Udaipur is not Salumbar.

A vintage is one slot. 2004 to 2006 is T-20. 2014 to 2016 is T-10. 2019 to 2021 is T-5. 2024 to 2026 is the current vintage. The latest year inside the slot is the year that is written. 2019 and 2020 fecal-coliform readings stay off the 2021 cell. 2018 has readings and no slot. 2022 and 2023 have no slot. A blank is not filled with zero.

Applicability

Y means the domain can apply. N means it does not. P means it applies to part of the tract. A code is not a measurement. The same letter on two tracts does not make their water the same.

Rajasthan. 21 domains coded Y. Coded N: D2, D19. Coded P: D4, D5, D6, D13, D17, D22, D29.

C1 Canal north. 24 domains coded Y. Coded N: D2, D19. Coded P: D4, D6, D17, D22.

C2 Thar. 21 domains coded Y. Coded N: D2, D19. Coded P: D4, D5, D6, D13, D17, D22, D29.

C3 Luni and the west Aravalli. 23 domains coded Y. Coded N: D2, D19. Coded P: D5, D6, D17, D22, D29.

C4 Shekhawati and inland drainage. 22 domains coded Y. Coded N: D2, D19, D29. Coded P: D4, D5, D6, D17, D22.

C5 Eastern rivers. 23 domains coded Y. Coded N: D2, D19. Coded P: D5, D6, D17, D22, D29.

C6 South and Hadoti. 23 domains coded Y. Coded N: D2, D19. Coded P: D5, D6, D17, D22, D29.

The six nodes sit on the host tract. They have no domain row. Canal north, the Luni, and Shekhawati have no city node.

The Thirty-Domain Frame

The architecture carries 30 domains. Master rows on the frozen spine are 590. Filled figures are concentrated in rainfall, groundwater depth and resource, water quality, and selected crops. A code without a printed Rajasthan figure stays empty. The sentence under each name says only what this volume does with it.

1. Climate System

Rainfall on the master is the station mean of recorded rainy days for 2006, 2016, 2021 and 2024, on the 33 districts in the rainfall file. Sirohi 2006 is its one station. Pratapgarh 2006 has no station. Annual rain, monsoon rain, monsoon share, rainy days, intensity and days over 100 mm are the six codes that file can fill. Variability, the 30-year anomaly and consecutive dry days are not computed from a rainy-day file. The eight newer districts have no station row.

2. Glacier & Snowmelt

Glacier and snowmelt applicability is coded N. No snowmelt volume is written.

3. Geology & Geomorphology System

No geomorphology figure is written on a district. The district plate is a boundary, not a geology score.

4. River System

River BOD for 2021 is the station mean on 21 districts, on both BOD codes, in milligrams per litre. A district with one station is written as that station's latest reading. No river line is drawn in this volume. A station mean is not a length of river.

5. Flood System

No floodplain polygon and no flood-frequency count are loaded.

6. Dam & Reservoir

No dam inventory is drawn. Live storage is open. A district boundary is not a reservoir.

7. Groundwater System

Groundwater resource is the 2025 national compilation, Annexure II, in hectare-metre, current vintage only, on 33 districts. Chittaurgarh, Dhaulpur and Jalor are joined as Chittorgarh, Dholpur and Jalore. The printed state total is kept as a state total. The eight newer districts have no row. Depth is a separate series, in metres below ground. A stage percent is not a depth ranking.

8. Aquifer System

No aquifer polygon is loaded. A resource row is not an aquifer thickness.

9. Borewell & Tubewell

No borewell count is loaded. Tubewell hectares were not taken from the crop report, because those hectares are not a count and not a percent.

10. Water Quality System

Groundwater TDS is the 2016 station mean on 33 districts, the 2021 station mean on 23, and the 2024 reading on 4. Fecal coliform for 2021 is on 27 districts. A district with one station is written as that reading. Chemical oxygen demand has no number in the file. Total coliform is a second column and is not written onto the one coliform code. Fluoride in the chemical file has no number.

11. Governance & Institutions

No soil figure is written on a district.

12. Agriculture System

Paddy, wheat and sugarcane are area in thousand hectares for 2006-07, 2016-17, 2021-22 and 2024-25, where the crop report prints a number for that district. A dash stays empty. Rice on the report is the paddy row. Khairtal-Tijara is not joined onto Khairthal-Tijara.

13. Irrigation System

No canal-command area and no irrigation percent are loaded. Hectares on a crop table are not those codes.

14. Consumption System

No drinking-water litre figure is loaded.

15. Urbanization System

Six nodes name Jaipur, Jodhpur, Kota, Bikaner, Udaipur and Ajmer. A node holds no figure. The host district's figures stay on the district.

16. Water Body System

No water-body census and no tank polygon are loaded.

17. Forest System

No forest-cover figure is written. A 2021 forest table uses spellings this register does not join, and 2023 has no vintage slot.

18. Ecology & Biodiversity

No ecology figure is written.

19. Coastal System

Coastal applicability is coded N. Rajasthan has no sea coast on this register.

20. Population & Settlement

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

21. Sanitation

No sanitation figure is written.

22. Industry & Energy

No industrial withdrawal is written. A city node is not an industrial withdrawal.

23. Economy System

No economic-loss figure is written.

24. Governance System

No scheme register is loaded. A programme is not named here as a measured outcome.

25. Disaster System

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

26. Food Security System

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

27. Livelihood System

No livelihood figure is written.

28. Ancient & Traditional Water

No johad or tank count is written onto a district vintage. A project total across many years is not a district cell.

29. Interstate Water System

No interstate volume is written. Shekhawati is coded N for interstate dependency. The other tracts are coded P, which is applicability, not a measured transfer.

30. Future Risk System

No projection is written. T+5 stays empty. The current vintage is not a forecast.

The Parameter Index

Every code is listed once. Duplicate identifiers from an earlier edition append were renumbered so this register is unique. The count is the number of districts that have at least one vintage filled. A code with no count is not written. An empty code is not a zero.

1. Climate System

CL-001 Average Annual Rainfall, mm. Written on 33 districts.

CL-002 Seasonal Rainfall (SW Monsoon), mm. Written on 33 districts.

CL-003 Monsoon Rainfall Share, % of annual. Written on 33 districts.

CL-004 Rainy Days, days/year. Written on 33 districts.

CL-005 Rainfall Variability (CV%), % CV. Not written.

CL-006 Rainfall Intensity, mm/rainy day. Written on 33 districts.

CL-007 Extreme Rainfall Events (>100mm/day), events/year. Written on 33 districts.

CL-008 Rainfall Anomaly (vs 30-yr normal), mm deviation. Not written.

CL-009 Consecutive Dry Days (max), days. Not written.

CL-010 Drought Frequency, events/decade. Not written.

CL-011 Summer Maximum Temperature, °C. Not written.

CL-012 Winter Minimum Temperature, °C. Not written.

CL-013 Mean Annual Temperature, °C. Not written.

CL-014 Heatwave Days, days/year. Not written.

CL-015 Coldwave Days, days/year. Not written.

CL-016 Aridity Index, index (0-1). Not written.

CL-017 Evapotranspiration (PET), mm/year. Not written.

CL-018 Drought Frequency, events/decade. Not written.

2. Glacier & Snowmelt

GL-001 Glacier Area, sq km. Not written.

GL-002 Glacier Retreat Rate, m/year. Not written.

GL-003 Glacier Volume Change, % per decade. Not written.

GL-004 Snow Cover Area, sq km (seasonal avg). Not written.

GL-005 Snowmelt Contribution to River Flow, % of annual flow. Not written.

GL-006 GLOF Events, count/decade. Not written.

3. Geology & Geomorphology System

GE-001 Geomorphic / Lithological Character, class. Not written.

GG-001 Alluvial Area, sq km. Not written.

GG-002 Hard Rock Area, sq km. Not written.

GG-003 Karst / Fracture Zone Area, sq km. Not written.

GG-004 Floodplain Area, sq km. Not written.

GG-005 Delta Area, sq km. Not written.

GG-006 Recharge Potential Zone Area, sq km. Not written.

GG-007 Runoff Coefficient, ratio (0-1). Not written.

4. River System

RV-001 Perennial River Length, km. Not written.

RV-002 Seasonal River Length, km. Not written.

RV-003 Tributary Count (perennial), count. Not written.

RV-004 Environmental Flow (% of natural), % of natural flow. Not written.

RV-005 River Encroachment, km of bank encroached. Not written.

RV-006 River Pollution Index - BOD, mg/L. Written on 21 districts.

RV-007 Aquatic Biodiversity Index, index (1-10). Not written.

RV-008 Sediment Load, million tonnes/year. Not written.

5. Flood System

FL-001 Flood Frequency, events/decade. Not written.

FL-002 Average Flood Duration, days. Not written.

FL-003 Flood-Affected Area, 000 sq km. Not written.

FL-004 Floodplain Encroachment, % of floodplain. Not written.

FL-005 Embankment Length, km. Not written.

FL-006 Embankment Breaches, count/year. Not written.

FL-007 Flood Mortality, persons/year. Not written.

FL-008 Crop Loss to Floods, INR crore/year. Not written.

P25-003 Flood-Prone Area (state context), lakh ha. Not written.

6. Dam & Reservoir

DM-001 Major Dam Count, count. Not written.

DM-002 Total Live Storage Capacity, BCM. Not written.

DM-003 Reservoir Sedimentation Rate, % capacity/decade. Not written.

DM-004 Current Live Storage (% of design), % of design. Not written.

7. Groundwater System

FK-001 Water Stress Index (Falkenmark, GW basis), m3/person/yr. Not written.

GW-001 Pre-Monsoon Groundwater Depth, m bgl. Written on 33 districts.

GW-002 Post-Monsoon Groundwater Depth, m bgl. Written on 33 districts.

GW-003 Annual Groundwater Decline Rate, m/year. Not written.

GW-004 Overexploited Blocks, % of total blocks. Not written.

GW-005 Critical Blocks, % of total blocks. Not written.

GW-006 Safe Blocks, % of total blocks. Not written.

GW-007 Extraction-Recharge Ratio, ratio. Not written.

GW-008 Groundwater Recharge, BCM/year. Not written.

GW-009 Groundwater Extraction, BCM/year. Not written.

GW-010 Fluoride Contamination - Affected Blocks, count. Not written.

GW-011 Arsenic Contamination - Affected Blocks, count. Not written.

GW-012 Salinity - Affected Area, sq km. Not written.

GW-2025-EXTRACTABLE Annual extractable groundwater resource - GWRA 2025, Ham. Written on 33 districts.

GW-2025-EXTRACTION Annual groundwater extraction - GWRA 2025, Ham. Written on 33 districts.

GW-2025-RECHARGE Annual groundwater recharge - GWRA 2025, Ham. Written on 33 districts.

GW-2025-SOE Stage of groundwater extraction - GWRA 2025, %. Written on 33 districts.

GW-2025-WL-FALL Post-monsoon 2025 wells showing groundwater-level fall - vs mean 2020-24, %. Not written.

P01-004P Over-Exploited Blocks (% of blocks), %. Not written.

P01-005P Critical Blocks (% of blocks), %. Not written.

P01-006 Semi-Critical Blocks (count), count. Not written.

P01-006P Semi-Critical Blocks (% of blocks), %. Not written.

P01-011 Safe Blocks (% of blocks), %. Not written.

P01-011C Safe Blocks (count), count. Not written.

8. Aquifer System

AQ-001 Shallow Aquifer Thickness, m. Not written.

AQ-002 Shallow Aquifer Yield, litres/hour. Not written.

AQ-003 Deep Aquifer Thickness, m. Not written.

AQ-004 Deep Aquifer Dependency (%), % of extraction. Not written.

AQ-005 Aquifer Contamination Index, index (1-5). Not written.

AQ-011 Aquifer System / Type, class. Not written.

AQ-012 Aquifer Condition / Stress, class. Not written.

AQ-013 Yield / Transmissivity, range. Not written.

AQ-2025-26-PRIORITY Current CGWB NAQUIM 2.0 priority study area - 2025-26, sq km. Not written.

AQ-2025-AMP-AVAIL District aquifer-management plans available in current CGWB repository, count. Not written.

AQ-2025-PLAN Latest CGWB aquifer-management plan - district/area availability, count. Not written.

9. Borewell & Tubewell

BW-001 Borewell Density, per 100 sq km. Not written.

BW-002 Average Borewell Depth, m. Not written.

BW-003 Failed/Dry Borewells, % of total. Not written.

BW-004 Groundwater Irrigation Dependency, % of irrigated area. Not written.

BW-005 Tubewell Extraction, BCM/year. Not written.

BW-011 Tubewell Deepening Trend, trend. Not written.

BW-012 Tubewell Ownership, %. Not written.

10. Water Quality System

P04-010 Fluoride Concentration (range), mg/L. Not written.

P04-011 Water Quality Index (class), WQI. Not written.

WQ-001 River BOD, mg/L. Written on 21 districts.

WQ-002 River COD, mg/L. Not written.

WQ-003 TDS - Groundwater, mg/L. Written on 33 districts.

WQ-004 Heavy Metals - River, index (1-5). Not written.

WQ-005 Pathogen Load (coliform), MPN/100ml. Written on 27 districts.

WQ-006 Algal Bloom Frequency, events/year. Not written.

11. Governance & Institutions

GOV-GWACT GW regulation framework, class. Not written.

GOV-JJM Rural FHTC tap coverage, %. Not written.

SL-001 Soil Organic Carbon, % SOC. Not written.

SL-002 Soil Moisture Retention, % field capacity. Not written.

SL-003 Soil Erosion-Prone Area, sq km. Not written.

SL-004 Soil Salinity-Affected Area, sq km. Not written.

SL-005 Chemically Stressed Soil Area, sq km. Not written.

12. Agriculture System

AG-001 Paddy Area, 000 ha. Written on 24 districts.

AG-002 Wheat Area, 000 ha. Written on 40 districts.

AG-003 Sugarcane Area, 000 ha. Written on 28 districts.

AG-004 Crop Water Intensity Index, index (base yr=1.0). Not written.

AG-005 Crop Failure Frequency, years/decade. Not written.

AG-006 Fertilizer Consumption, kg/ha. Not written.

AG-007 Soil Organic Carbon, % SOC. Not written.

AG-015 Dominant Cropping System, qualitative. Not written.

AG-016 Wheat Production Rank (E-UP), qualitative. Not written.

AG-017 Rainfed Cultivation Signal, qualitative. Not written.

AG-018 Crop Production Growth (CAGR), %/yr. Not written.

AG-019 Potato Belt Signal, qualitative. Not written.

AG-020 Monsoon Irrigated Share, % kharif area. Not written.

AG-021 Gram (Chana) Belt Signal, qualitative. Not written.

AG-022 Horticulture Signal, qualitative. Not written.

13. Irrigation System

IR-001 Canal Network Length, km. Not written.

IR-002 Canal Irrigation Efficiency, % water reaching crop. Not written.

IR-003 Canal Command Area, 000 ha. Not written.

IR-004 Groundwater Irrigation Share, % of total irrigated. Not written.

IR-005 Irrigation Coverage, % of agricultural area. Not written.

IR-2425-DES-REPORT Season and Crop Report 2024-25 - irrigation source/area dataset availability, flag. Not written.

14. Consumption System

CN-001 Sectoral GW Dependency, %. Not written.

CN-002 Irrigation Dominance, %. Not written.

CN-003 Consumption / Demand Driver, class. Not written.

WC-001 Per Capita Rural Water Supply, litres/day. Not written.

WC-002 Per Capita Urban Water Supply, litres/day. Not written.

WC-003 Agricultural Water Consumption, BCM/year. Not written.

WC-004 Industrial Water Extraction, BCM/year. Not written.

15. Urbanization System

UR-001 Urban Built-up Area, sq km. Not written.

UR-002 Impervious Surface Cover, % of district area. Not written.

UR-003 Floodplain Urban Occupation, sq km. Not written.

UR-004 Wetland Encroachment by Urban, sq km. Not written.

UR-005 Sewage Generation, MLD. Not written.

UR-006 Sewage Treatment Coverage, % treated. Not written.

UR-007 Urban Water Demand, BCM/year. Not written.

UR-011 Per-Capita Supply / Coverage, LPCD. Not written.

UR-012 Non-Revenue Water (NRW), %. Not written.

UW-DMA-CUR-LPCD Urban local-body water supply per-capita range/current status - DMA, LPCD. Not written.

UW-DMA-CUR-MDL Urban water supply under schemes - DMA current status, MLD. Not written.

UW-DMA-ULB Urban local bodies covered in current water-supply status, count. Not written.

16. Water Body System

WB-001 Total Waterbody Count, count. Not written.

WB-002 Total Waterbody Area, sq km. Not written.

WB-003 Wetland Area, sq km. Not written.

WB-004 Traditional Tank Count, count. Not written.

WB-005 Tank Water Holding Capacity, TMC. Not written.

WB-006 Waterbody Encroachment, % of total. Not written.

WB-007 Water Body Loss (count), % decline from baseline. Not written.

WB-011 Significant Water Bodies / Wetlands, named. Not written.

WB-FC-001 First Census of Water Bodies - total (statewide), count. Not written.

WB-FC-ENC First Census - encroached water bodies (statewide), count. Not written.

WB-FC-INUSE First Census - water bodies in use (statewide), count. Not written.

WB-FC-LAKE First Census - lakes (statewide), count. Not written.

WB-FC-POND First Census - ponds (statewide), count. Not written.

WB-FC-RES First Census - reservoirs (statewide), count. Not written.

WB-FC-TANK First Census - tanks (statewide), count. Not written.

WB-FC-WCS First Census - water conservation / percolation / check dams (statewide), count. Not written.

WB-RAMSAR Ramsar Wetland Sites (count), sites. Not written.

WB-RAMSAR-AREA Largest Ramsar site area, ha. Not written.

WB-WETLAND-PCT Wetland share of area, %. Not written.

17. Forest System

FC-001 Very Dense Forest Cover, sq km. Not written.

FC-002 Open Forest Cover, sq km. Not written.

FC-003 Riparian Forest Area, sq km. Not written.

FC-004 Forest Fragmentation Index, index (1-10). Not written.

FC-005 Deforestation Rate, sq km/year. Not written.

FC-006 Moderately Dense Forest Cover, sq km. Not written.

FC-007 Scrub Area, sq km. Not written.

FC-008 Total Forest Cover, sq km. Not written.

18. Ecology & Biodiversity

EC-001 Riparian Vegetation Index, index (1-10). Not written.

EC-002 Ecological Buffer Capacity, % riparian intact. Not written.

EC-003 Aquatic Biodiversity Index, index (1-10). Not written.

EC-004 Key Species Population, count (species-specific). Not written.

EC-DOLPHIN Gangetic Dolphin Population, individuals. Not written.

EC-DOLPHIN-HIST Gangetic Dolphin trend, individuals. Not written.

19. Coastal System

CS-001 Coastal Erosion Rate, m/year. Not written.

CS-002 Sea-Level Rise (relative), mm/year. Not written.

CS-003 Salinity Intrusion Length, km inland. Not written.

CS-004 Mangrove Area, sq km. Not written.

CS-005 Cyclone Frequency, events/decade. Not written.

CS-WQ Coastal sea-water quality category (SW-class), SW-class. Not written.

20. Population & Settlement

PS-001 Total Population, millions. Not written.

PS-002 Population Density, persons/sq km. Not written.

PS-003 Floodplain Settlement Area, sq km. Not written.

PS-004 Distress Migration, 000 persons/year. Not written.

21. Sanitation

SAN-NMCG25-EXISTING Existing STP treatment capacity - NMCG Apr-2025 MPR, MLD. Not written.

SAN-NMCG25-GAP Treatment capacity gap - NMCG Apr-2025 MPR, MLD. Not written.

SAN-NMCG25-UC Under-construction STP capacity - NMCG Apr-2025 MPR, MLD. Not written.

SAN-NMCG25-UTILIZED Existing STP/FSTP/alternate-treatment capacity utilized - NMCG Apr-2025 MPR, MLD. Not written.

SAN-NMCG25-UTILPCT Treatment system utilization - NMCG Apr-2025 MPR, %. Not written.

SAN-STP-OPCAP-TNPCB23 Operational local-body STP capacity - listed plants (TNPCB 2022-23), MLD. Not written.

SAN-STP-OPCAP-TNPCB24 Operational local-body STP capacity - listed plants (TNPCB 2023-24), MLD. Not written.

SAN-STP-OPCAP-TNPCB25 Operational local-body STP capacity - named plants (TNPCB 2024-25), MLD. Not written.

SAN-STP-UCAP-TNPCB23 STP capacity under construction - listed plants (TNPCB 2022-23), MLD. Not written.

SH-001 Sewer Coverage, % of urban HH. Not written.

SH-002 Wastewater Treatment Coverage, % treated. Not written.

SH-003 Waterborne Disease Incidence, cases/100000 pop. Not written.

SH-004 Fluorosis Prevalence, % affected population. Not written.

WW-002 Sewage Generation vs STP Capacity, MLD. Not written.

WW-003 Non-Compliant / Capacity-Gap STPs, count/MLD. Not written.

WW-DEFICIT Treatment deficit (state), MLD. Not written.

WW-GEN Sewage generation (state), MLD. Not written.

WW-NONCOMPLY Non-compliant STPs, STPs. Not written.

WW-TREAT Sewage treated (state), MLD. Not written.

22. Industry & Energy

IE-001 Industrial Effluent Generation, MLD. Not written.

IE-002 Industrial Water Extraction, BCM/year. Not written.

IE-003 Diesel Pump Density, pumps/000 ha irrigated. Not written.

IN-004 Industrial vs Domestic Effluent Share, %. Not written.

23. Economy System

EC-011 Agriculture GSDP Share, %. Not written.

EC-012 Landholding Structure, %. Not written.

ES-001 Flood Economic Loss, INR crore/year. Not written.

ES-002 Drought Economic Loss, INR crore/year. Not written.

ES-003 Household Water Expenditure, INR/month. Not written.

24. Governance System

GV-001 Rural Piped Water Coverage, % of rural HH. Not written.

GV-002 Urban Water Supply Coverage, % of urban pop. Not written.

GV-003 Wetland Restoration Area, sq km/year. Not written.

GV-004 River Restoration Projects Active, count. Not written.

25. Disaster System

DS-001 Flood Events, count/decade. Not written.

DS-002 Drought Events, count/decade. Not written.

DS-003 Flood Exposure Index, index (1-10). Not written.

DS-004 Drought Vulnerability Index, index (1-10). Not written.

26. Food Security System

FS-001 Foodgrain Production, million tonnes/year. Not written.

FS-002 Yield Stability Index, CV% of yield. Not written.

FS-003 Crop Failure Frequency, years/decade. Not written.

FS-011 Crop Dominance, %. Not written.

FS-012 Water-Food Linkage, class. Not written.

27. Livelihood System

LV-001 Distress Migration, 000 persons/year. Not written.

LV-002 Farmer Distress Incidents, reported count/year. Not written.

LV-003 Agricultural Employment Share, % of workforce. Not written.

LV-004 Climate Migration Index, index (1-10). Not written.

LV-011 Migration Driver / Quantum, mixed. Not written.

28. Ancient & Traditional Water

AT-001 Traditional Tank Count (total heritage), count. Not written.

AT-002 Functional Traditional Tanks, % of total stock. Not written.

AT-003 Encroached Tanks, % of total stock. Not written.

AT-004 Tanks Under Restoration, count. Not written.

AT-005 Stepwell / Baoli Count (functional), count. Not written.

AT-006 Johad / Kund Systems (functional), count. Not written.

AT-007 Traditional System Water Coverage, % of area served. Not written.

AT-011 Heritage Tank System, count/era. Not written.

AT-012 Tank Revival / Recovery, count. Not written.

29. Interstate Water System

IW-001 Upstream Interstate Dependency, % of river flow from outside state. Not written.

IW-002 Interstate Water Conflict Events, count/decade. Not written.

30. Future Risk System

FR-001 Projected Groundwater Decline by T+5, m (additional decline). Not written.

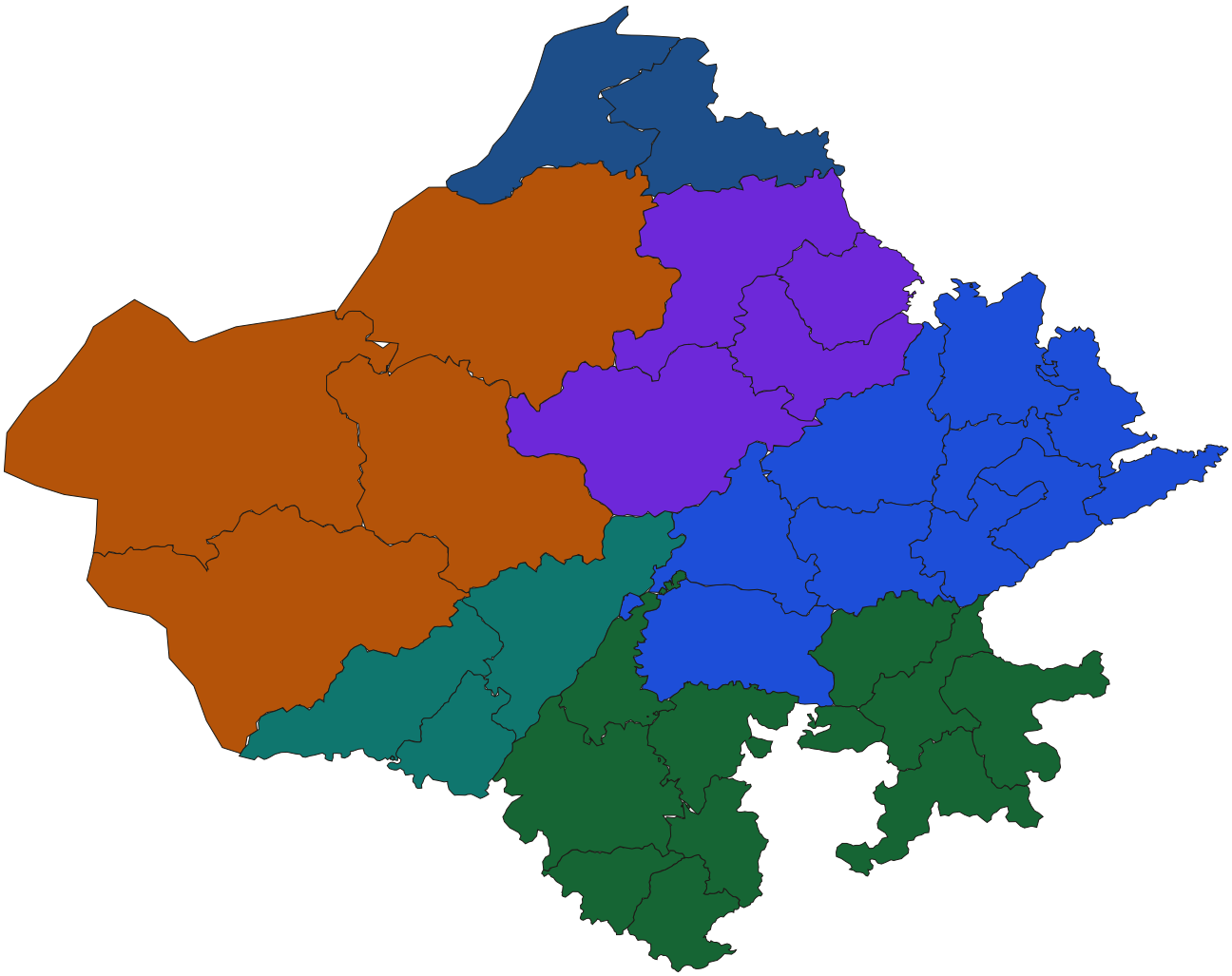
FR-002 Projected Flood Exposure Change by T+5, % change in flood-prone area. Not written.

FR-003 Projected Rainfall Variability Increase, % CV increase. Not written.

FR-004 Projected Drought Frequency by T+5, events/decade. Not written.

The District Plate

Thirty-three polygons, coloured by tract. Canal north is blue, the Thar is amber, the Luni is teal, Shekhawati is violet, the eastern rivers are blue, and the south is green. The colours are not a scale of stress. The eight open districts are not on this plate.



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

The District Register

The line under each name is the register note. It records the tract, the geometry, and the neighbour that must not be painted as this district. It is not a measurement.

RJ-01 Ajmer

Polygon: NWIC District Boundary, src_agency Survey of India (SOI). state RJ. stcode 08. LGD dtcode 086. Area and population are not in this source. The Luni rises on the western side of this district. Ajmer stays whole in the eastern-rivers tract.

RJ-02 Alwar

Polygon: NWIC District Boundary, src_agency Survey of India (SOI). state RJ. stcode 08. LGD dtcode 087. Area and population are not in this source. Khairthal-Tijara and Kotputli-Behror are not this polygon.

RJ-03 Balotra

Geometry OPEN. No polygon in the NWIC / SOI extract (33 features, state=RJ, stcode=08). LGD district code 775. English name Balotra. Order P.9(8)Rev-1/2025-District Reconstitution, as printed on the LGD district page. The LGD page is identity. It is not a boundary. Do not paint Barmer as Balotra. The Medical department list prints Balotara. Same district.

RJ-04 Banswara

Polygon: NWIC District Boundary, src_agency Survey of India (SOI). state RJ. stcode 08. LGD dtcode 088. Area and population are not in this source.

RJ-05 Baran

Polygon: NWIC District Boundary, src_agency Survey of India (SOI). state RJ. stcode 08. LGD dtcode 089. Area and population are not in this source.

RJ-06 Barmer

Polygon: NWIC District Boundary, src_agency Survey of India (SOI). state RJ. stcode 08. LGD dtcode 090. Area and population are not in this source. Balotra is not this polygon.

RJ-07 Beawar

Geometry OPEN. No polygon in the NWIC / SOI extract (33 features, state=RJ, stcode=08). LGD district code 774. English name Beawar. Order P.9(18)Rev-1/2002-(3), as printed on the LGD district page. The LGD page is identity. It is not a boundary. Do not paint Ajmer, Pali, or Rajsamand as Beawar.

RJ-08 Bharatpur

Polygon: NWIC District Boundary, src_agency Survey of India (SOI). state RJ. stcode 08. LGD dtcode 091. Area and population are not in this source. Deeg is not this polygon.

RJ-09 Bhilwara

Polygon: NWIC District Boundary, src_agency Survey of India (SOI). state RJ. stcode 08. LGD dtcode 092. Area and population are not in this source.

RJ-10 Bikaner

Polygon: NWIC District Boundary, src_agency Survey of India (SOI). state RJ. stcode 08. LGD dtcode 093. Area and population are not in this source. Indira Gandhi canal water reaches this district. The district stays whole in the Thar.

RJ-11 Bundi

Polygon: NWIC District Boundary, src_agency Survey of India (SOI). state RJ. stcode 08. LGD dtcode 094. Area and population are not in this source.

RJ-12 Chittorgarh

Polygon: NWIC District Boundary, src_agency Survey of India (SOI). state RJ. stcode 08. LGD dtcode 095. Area and population are not in this source. This district also lives the Berach. It stays whole in the south and Hadoti tract.

RJ-13 Churu

Polygon: NWIC District Boundary, src_agency Survey of India (SOI). state RJ. stcode 08. LGD dtcode 096. Area and population are not in this source. Sandy inland drainage. The district stays whole in C4.

RJ-14 Dausa

Polygon: NWIC District Boundary, src_agency Survey of India (SOI). state RJ. stcode 08. LGD dtcode 097. Area and population are not in this source.

RJ-15 Deeg

Geometry OPEN. No polygon in the NWIC / SOI extract (33 features, state=RJ, stcode=08). LGD district code 767. English name Deeg. Order P.9(18)Rev-1/2022-(4), as printed on the LGD district page. The LGD page is identity. It is not a boundary. Do not paint Bharatpur as Deeg.

RJ-16 Dholpur

Polygon: NWIC District Boundary, src_agency Survey of India (SOI). state RJ. stcode 08. LGD dtcode 098. Area and population are not in this source.

RJ-17 Didwana-Kuchaman

Geometry OPEN. No polygon in the NWIC / SOI extract (33 features, state=RJ, stcode=08). LGD district code 768. English name Didwana-Kuchaman. Order P.9(18)Rev-1/2022-(5), as printed on the LGD district page. The LGD page is identity. It is not a boundary. Do not paint Nagaur as Didwana-Kuchaman.

RJ-18 Dungarpur

Polygon: NWIC District Boundary, src_agency Survey of India (SOI). state RJ. stcode 08. LGD dtcode 099. Area and population are not in this source.

RJ-19 Ganganagar

Polygon: NWIC District Boundary, src_agency Survey of India (SOI). state RJ. stcode 08. LGD dtcode 100. Area and population are not in this source. The Medical department list prints Sri Ganganagar. The register keeps the Survey of India name.

RJ-20 Hanumangarh

Polygon: NWIC District Boundary, src_agency Survey of India (SOI). state RJ. stcode 08. LGD dtcode 101. Area and population are not in this source.

RJ-21 Jaipur

Polygon: NWIC District Boundary, src_agency Survey of India (SOI). state RJ. stcode 08. LGD dtcode 102. Area and population are not in this source. Kotputli-Behror is not this polygon.

RJ-22 Jaisalmer

Polygon: NWIC District Boundary, src_agency Survey of India (SOI). state RJ. stcode 08. LGD dtcode 103. Area and population are not in this source. Canal water reaches the north of this district. The district stays whole in the Thar.

RJ-23 Jalore

Polygon: NWIC District Boundary, src_agency Survey of India (SOI). state RJ. stcode 08. LGD dtcode 104. Area and population are not in this source.

RJ-24 Jhalawar

Polygon: NWIC District Boundary, src_agency Survey of India (SOI). state RJ. stcode 08. LGD dtcode 105. Area and population are not in this source.

RJ-25 Jhunjhunu

Polygon: NWIC District Boundary, src_agency Survey of India (SOI). state RJ. stcode 08. LGD dtcode 106. Area and population are not in this source.

RJ-26 Jodhpur

Polygon: NWIC District Boundary, src_agency Survey of India (SOI). state RJ. stcode 08. LGD dtcode 107. Area and population are not in this source. The Luni rises in this district. The Luni tract is C3. Jodhpur stays whole in the Thar.

RJ-27 Karauli

Polygon: NWIC District Boundary, src_agency Survey of India (SOI). state RJ. stcode 08. LGD dtcode 108. Area and population are not in this source.

RJ-28 Khairthal-Tijara

Geometry OPEN. No polygon in the NWIC / SOI extract (33 features, state=RJ, stcode=08). LGD district code 770. English name Khairthal-Tijara. Order P.9(18)Rev-1/2022-(10), as printed on the LGD district page. The LGD page is identity. It is not a boundary. Do not paint Alwar as Khairthal-Tijara.

RJ-29 Kota

Polygon: NWIC District Boundary, src_agency Survey of India (SOI). state RJ. stcode 08. LGD dtcode 109. Area and population are not in this source.

RJ-30 Kotputli-Behror

Geometry OPEN. No polygon in the NWIC / SOI extract (33 features, state=RJ, stcode=08). LGD district code 782. English name Kotputli-Behror. Order P.9(18)Rev-1/2022-(10), as printed on the LGD district page. The LGD page is identity. It is not a boundary. Do not paint Jaipur or Alwar as Kotputli-Behror.

RJ-31 Nagaur

Polygon: NWIC District Boundary, src_agency Survey of India (SOI). state RJ. stcode 08. LGD dtcode 110. Area and population are not in this source. Didwana-Kuchaman is not this polygon.

RJ-32 Pali

Polygon: NWIC District Boundary, src_agency Survey of India (SOI). state RJ. stcode 08. LGD dtcode 111. Area and population are not in this source. One NWIC part of 5 vertices, about 100 metres across, collapses at 0.001 degree and is omitted. The main Pali polygon is kept.

RJ-33 Phalodi

Geometry OPEN. No polygon in the NWIC / SOI extract (33 features, state=RJ, stcode=08). LGD district code 772. English name Phalodi. Order P.9(18)Rev-1/2022-(9), as printed on the LGD district page. The LGD page is identity. It is not a boundary. Do not paint Jodhpur as Phalodi.

RJ-34 Pratapgarh

Polygon: NWIC District Boundary, src_agency Survey of India (SOI). state RJ. stcode 08. LGD dtcode 629. Area and population are not in this source.

RJ-35 Rajsamand

Polygon: NWIC District Boundary, src_agency Survey of India (SOI). state RJ. stcode 08. LGD dtcode 112. Area and population are not in this source.

RJ-36 Salumbar

Geometry OPEN. No polygon in the NWIC / SOI extract (33 features, state=RJ, stcode=08). LGD district code 777. English name Salumbar. Order P.9(18)Rev-1/2022-(12), as printed on the LGD district page. The LGD page is identity. It is not a boundary. Do not paint Udaipur as Salumbar.

RJ-37 Sawai Madhopur

Polygon: NWIC District Boundary, src_agency Survey of India (SOI). state RJ. stcode 08. LGD dtcode 113. Area and population are not in this source.

RJ-38 Sikar

Polygon: NWIC District Boundary, src_agency Survey of India (SOI). state RJ. stcode 08. LGD dtcode 114. Area and population are not in this source.

RJ-39 Sirohi

Polygon: NWIC District Boundary, src_agency Survey of India (SOI). state RJ. stcode 08. LGD dtcode 115. Area and population are not in this source.

RJ-40 Tonk

Polygon: NWIC District Boundary, src_agency Survey of India (SOI). state RJ. stcode 08. LGD dtcode 116. Area and population are not in this source.

RJ-41 Udaipur

Polygon: NWIC District Boundary, src_agency Survey of India (SOI). state RJ. stcode 08. LGD dtcode 117. Area and population are not in this source. Salumbar is not this polygon.

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. Jaipur Rural and Jodhpur Rural are not nodes. Chandigarh is not a node. The dot used on the atlas map is the centroid of the host polygon. It is not a surveyed city point.

N1 Jaipur

Capital reading on the eastern plain. The city is not the Jaipur district meter. Jaipur Rural is not a district on this register.

Host district Jaipur, tract C5. The figures on the next page are the host district's figures. They are not moved onto the node.

RJ-21 · C5 Eastern rivers · Node N1 · Geometry drawn. A blank cell is an empty Schemia cell.

Current reading

Measure	Value
Rain 2024, mm	864.8
May depth 2024, m	48.54
Nov depth 2024, m	43.8
Wheat 2024-25, 000 ha	140.162
GWRA stage 2025, %	217.01
Recharge 2025, Ham	78,890.77

Four vintages

Series	2004-06	2014-16	2019-21	2024-26
Annual rain, mm	409.9	1,128	682.7	864.8
Monsoon rain, mm	360.2	1,086.2	545.5	862.4
May depth, m	27.44	33.24	35.05	48.54
November depth, m	26.06	35.54	34.94	43.8
Paddy, 000 ha	-	-	-	-
Wheat, 000 ha	136.066	157.232	136.277	140.162
Sugarcane, 000 ha	0.018	0.025	0.048	0.024

Quality: TDS 2016 1,358.45 / 2021 1,965.55 mg/L · BOD 2021 3.27 mg/L · Fecal coliform 2021 19.36 MPN/100 ml.

N2 Jodhpur

City reading in the Thar. The city is not the Jodhpur district meter. Jodhpur Rural is not a district on this register.

Host district Jodhpur, tract C2. The figures on the next page are the host district's figures. They are not moved onto the node.

RJ-26 · C2 Thar · Node N2 · Geometry drawn. A blank cell is an empty Schemia cell.

Current reading

Measure	Value
Rain 2024, mm	507.2
May depth 2024, m	53.69
Nov depth 2024, m	53.41
Wheat 2024-25, 000 ha	57.104
GWRA stage 2025, %	254.97
Recharge 2025, Ham	41,729.55

Four vintages

Series	2004-06	2014-16	2019-21	2024-26
Annual rain, mm	250.9	393.9	341.9	507.2
Monsoon rain, mm	247.6	364.6	275.4	507.2
May depth, m	28.77	21.11	52.49	53.69
November depth, m	26.82	21.4	20.37	53.41
Paddy, 000 ha	-	-	-	-
Wheat, 000 ha	37.751	77.939	67.736	57.104
Sugarcane, 000 ha	-	0.001	-	-

Quality: TDS 2016 2,465.12 / 2021 1,532.7 mg/L · BOD 2021 2.1 mg/L · Fecal coliform 2021 5.77 MPN/100 ml.

N3 Kota

City reading on the Chambal. The city is not the Hadoti tract and not the Kota district meter.

Host district Kota, tract C6. The figures on the next page are the host district's figures. They are not moved onto the node.

RJ-29 · C6 South and Hadoti · Node N3 · Geometry drawn. A blank cell is an empty Schemia cell.

Current reading

Measure	Value
Rain 2024, mm	974.2
May depth 2024, m	13.38
Nov depth 2024, m	5.63
Wheat 2024-25, 000 ha	158.598
GWRA stage 2025, %	110.99
Recharge 2025, Ham	52,465.22

Four vintages

Series	2004-06	2014-16	2019-21	2024-26
Annual rain, mm	929.4	1,537.7	1,263.6	974.2
Monsoon rain, mm	903.5	1,529.3	1,061.7	974.2
May depth, m	8.99	7.85	14.14	13.38
November depth, m	5.65	6.18	7.02	5.63
Paddy, 000 ha	6.505	22.707	24.215	54.198
Wheat, 000 ha	81.551	141.604	108.964	158.598
Sugarcane, 000 ha	0.028	0.002	0.003	0.004

Quality: TDS 2016 887.47 / 2021 - mg/L · BOD 2021 1.83 mg/L · Fecal coliform 2021 23 MPN/100 ml.

N4 Bikaner

City reading in the Thar. The canal command inside the district is not split off, and the city is not that command.

Host district Bikaner, tract C2. The figures on the next page are the host district's figures. They are not moved onto the node.

RJ-10 · C2 Thar · Node N4 · Geometry drawn. A blank cell is an empty Schemia cell.

Current reading

Measure	Value
Rain 2024, mm	438.7
May depth 2024, m	69.67
Nov depth 2024, m	70.79
Wheat 2024-25, 000 ha	140.19
GWRA stage 2025, %	140.57
Recharge 2025, Ham	31,327.94

Four vintages

Series	2004-06	2014-16	2019-21	2024-26
Annual rain, mm	184.8	536.7	329	438.7
Monsoon rain, mm	107.8	507	294.1	438.7
May depth, m	47.73	36.63	82.59	69.67
November depth, m	46.92	41.4	34.03	70.79
Paddy, 000 ha	0.007	0.008	-	-
Wheat, 000 ha	52.898	113.183	103.903	140.19
Sugarcane, 000 ha	0.001	0.002	0.001	0.001

Quality: TDS 2016 653.33 / 2021 1,448.31 mg/L · BOD 2021 - mg/L · Fecal coliform 2021 4 MPN/100 ml.

N5 Udaipur

Lake-city reading. The city is not the southern hills meter. Salumbar is a different district.

Host district Udaipur, tract C6. The figures on the next page are the host district's figures. They are not moved onto the node.

RJ-41 · C6 South and Hadoti · Node N5 · Geometry drawn. A blank cell is an empty Schemia cell.

Current reading

Measure	Value
Rain 2024, mm	763
May depth 2024, m	11.09
Nov depth 2024, m	5.31
Wheat 2024-25, 000 ha	93.983
GWRA stage 2025, %	100.08
Recharge 2025, Ham	33,242.71

Four vintages

Series	2004-06	2014-16	2019-21	2024-26
Annual rain, mm	1,246.6	1,707	762.6	763
Monsoon rain, mm	1,238.8	1,640.4	512.6	759.2
May depth, m	8.56	9.7	10.48	11.09
November depth, m	3.87	2.59	5.38	5.31
Paddy, 000 ha	6.175	4.864	3.824	3.616
Wheat, 000 ha	88.904	80.41	103.621	93.983
Sugarcane, 000 ha	0.49	0.231	0.272	0.09

Quality: TDS 2016 898.18 / 2021 604.71 mg/L · BOD 2021 1.79 mg/L · Fecal coliform 2021 5.71 MPN/100 ml.

N6 Ajmer

City reading on the Aravalli divide. The city is not the Ajmer district meter. Beawar is a different district.

Host district Ajmer, tract C5. The figures on the next page are the host district's figures. They are not moved onto the node.

RJ-01 · C5 Eastern rivers · Node N6 · Geometry drawn. A blank cell is an empty Schemia cell.

Current reading

Measure	Value
Rain 2024, mm	814.4
May depth 2024, m	14.64
Nov depth 2024, m	5.43
Wheat 2024-25, 000 ha	72.956
GWRA stage 2025, %	138.14
Recharge 2025, Ham	37,312.12

Four vintages

Series	2004-06	2014-16	2019-21	2024-26
Annual rain, mm	410.7	1,027.7	587.2	814.4
Monsoon rain, mm	385.5	959.6	465	812.1
May depth, m	12.16	11.43	14.66	14.64
November depth, m	8.55	9.58	8.3	5.43
Paddy, 000 ha	0.015	0.007	0.004	0.004
Wheat, 000 ha	30.011	55.466	46.763	72.956
Sugarcane, 000 ha	0.049	0.023	0.004	0.007

Quality: TDS 2016 1,944.55 / 2021 - mg/L · BOD 2021 2.3 mg/L · Fecal coliform 2021 7 MPN/100 ml.

The Tracts

A tract is formed by how the water is lived. The code order follows the water, from the canal south to the hills. It is not a stress rank. The tract holds no figure of its own. A sum of the district rows is not printed, because the source did not print a tract total.

C1 Canal north

Tract map for C1 Canal north. Drawn: Ganganagar, Hanumangarh. Colour is this tract only. The map is zoomed to these districts, not the whole state.



Gang canal and the Indira Gandhi canal on the northern plain

Water is lived as canal delivery brought from the Sutlej-Beas system. Two districts, each whole.

Bikaner and Jaisalmer also receive canal water. They stay in the Thar. The canal inside those districts is not split off.

Districts, whole: Ganganagar, Hanumangarh.

Ganganagar

RJ-19 · C1 Canal north · Node none · Geometry drawn. A blank cell is an empty Schemia cell.

Current reading

Measure	Value
Rain 2024, mm	478.2
May depth 2024, m	11.26
Nov depth 2024, m	11.46
Wheat 2024-25, 000 ha	269.68
GWRA stage 2025, %	40.37
Recharge 2025, Ham	48,103.32

Four vintages

Series	2004-06	2014-16	2019-21	2024-26
Annual rain, mm	220.7	491.9	408.2	478.2
Monsoon rain, mm	200.5	459.2	310.7	478.2
May depth, m	15.71	12.32	11.23	11.26
November depth, m	15.88	12.54	14.08	11.46
Paddy, 000 ha	2.779	13.773	8.252	19.492
Wheat, 000 ha	192.667	248.342	199.197	269.68
Sugarcane, 000 ha	2.651	3.498	2.322	4.555

Quality: TDS 2016 686.36 / 2021 1,669.07 mg/L · BOD 2021 1.2 mg/L · Fecal coliform 2021 - MPN/100 ml.

Hanumangarh

RJ-20 · C1 Canal north · Node none · Geometry drawn. A blank cell is an empty Schemia cell.

Current reading

Measure	Value
Rain 2024, mm	326.5
May depth 2024, m	18.74
Nov depth 2024, m	17.64
Wheat 2024-25, 000 ha	275.783
GWRA stage 2025, %	65.35
Recharge 2025, Ham	22,865.56

Four vintages

Series	2004-06	2014-16	2019-21	2024-26
Annual rain, mm	282.7	470.6	376.5	326.5
Monsoon rain, mm	186.1	425.6	296.2	325.4
May depth, m	14.04	16.68	18.43	18.74
November depth, m	14.37	18.34	19.45	17.64
Paddy, 000 ha	15.55	34.45	34.451	65.653
Wheat, 000 ha	186.411	240.237	205.773	275.783
Sugarcane, 000 ha	0.007	0.031	0.026	0.073

Quality: TDS 2016 641.33 / 2021 2,546.84 mg/L · BOD 2021 1.93 mg/L · Fecal coliform 2021 - MPN/100 ml.

C2 Thar

Tract map for C2 Thar. Drawn: Barmer, Bikaner, Jaisalmer, Jodhpur. Named, not drawn: Balotra, Phalodi. Colour is this tract only. The map is zoomed to these districts, not the whole state.



Western sand, tanks, and groundwater

Water is lived as scarce rain and stored groundwater. Six districts share the tract and do not share one meter.

Canal water inside Bikaner and Jaisalmer stays inside those districts. Jodhpur also sits at the head of the Luni and stays whole in the Thar. Phalodi is not the Jodhpur polygon. Balotra is not the Barmer polygon.

Districts, whole: Balotra, Barmer, Bikaner, Jaisalmer, Jodhpur, Phalodi.

Balotra

Geometry OPEN. No polygon in the NWIC / SOI extract (33 features, state=RJ, stcode=08). LGD district code 775. English name Balotra. Order P.9(8)Rev-1/2025-District Reconstitution, as printed on the LGD district page. The LGD page is identity. It is not a boundary. Do not paint Barmer as Balotra. The Medical department list prints Balotara. Same district.

Current reading

Measure	Value
Rain 2024, mm	-
May depth 2024, m	-
Nov depth 2024, m	-
Wheat 2024-25, 000 ha	10.216
GWRA stage 2025, %	-
Recharge 2025, Ham	-

Four vintages

Series	2004-06	2014-16	2019-21	2024-26
Annual rain, mm	-	-	-	-
Monsoon rain, mm	-	-	-	-
May depth, m	-	-	-	-
November depth, m	-	-	-	-
Paddy, 000 ha	-	-	-	-
Wheat, 000 ha	-	-	-	10.216
Sugarcane, 000 ha	-	-	-	-

Quality: TDS 2016 - / 2021 - mg/L · BOD 2021 - mg/L · Fecal coliform 2021 - MPN/100 ml.

Barmer

RJ-06 · C2 Thar · Node none · Geometry drawn. A blank cell is an empty Schemia cell.

Current reading

Measure	Value
Rain 2024, mm	456.8
May depth 2024, m	39.43
Nov depth 2024, m	41.76
Wheat 2024-25, 000 ha	3.072
GWRA stage 2025, %	134.5
Recharge 2025, Ham	38,583.18

Four vintages

Series	2004-06	2014-16	2019-21	2024-26
Annual rain, mm	677.6	457.3	274.1	456.8
Monsoon rain, mm	637.3	429.5	256.1	456.8
May depth, m	29.99	33.89	37.12	39.43
November depth, m	27.06	33.03	36.84	41.76
Paddy, 000 ha	-	-	-	-
Wheat, 000 ha	18.4	17.612	11.61	3.072
Sugarcane, 000 ha	-	-	-	-

Quality: TDS 2016 2,881.62 / 2021 - mg/L · BOD 2021 - mg/L · Fecal coliform 2021 11.88 MPN/100 ml.

Bikaner

RJ-10 · C2 Thar · Node N4 · Geometry drawn. A blank cell is an empty Schemia cell.

Current reading

Measure	Value
Rain 2024, mm	438.7
May depth 2024, m	69.67
Nov depth 2024, m	70.79
Wheat 2024-25, 000 ha	140.19
GWRA stage 2025, %	140.57
Recharge 2025, Ham	31,327.94

Four vintages

Series	2004-06	2014-16	2019-21	2024-26
Annual rain, mm	184.8	536.7	329	438.7
Monsoon rain, mm	107.8	507	294.1	438.7
May depth, m	47.73	36.63	82.59	69.67
November depth, m	46.92	41.4	34.03	70.79
Paddy, 000 ha	0.007	0.008	-	-
Wheat, 000 ha	52.898	113.183	103.903	140.19
Sugarcane, 000 ha	0.001	0.002	0.001	0.001

Quality: TDS 2016 653.33 / 2021 1,448.31 mg/L · BOD 2021 - mg/L · Fecal coliform 2021 4 MPN/100 ml.

Jaisalmer

RJ-22 · C2 Thar · Node none · Geometry drawn. A blank cell is an empty Schemia cell.

Current reading

Measure	Value
Rain 2024, mm	404.5
May depth 2024, m	47.5
Nov depth 2024, m	47.16
Wheat 2024-25, 000 ha	8.537
GWRA stage 2025, %	321.84
Recharge 2025, Ham	10,682.52

Four vintages

Series	2004-06	2014-16	2019-21	2024-26
Annual rain, mm	225.2	141.4	293.8	404.5
Monsoon rain, mm	209.9	122.5	247	404.5
May depth, m	37.06	37.85	46.71	47.5
November depth, m	33.51	38.01	32.97	47.16
Paddy, 000 ha	-	-	-	-
Wheat, 000 ha	13.03	9.989	7.574	8.537
Sugarcane, 000 ha	0.001	-	-	-

Quality: TDS 2016 2,270.89 / 2021 1,247.07 mg/L · BOD 2021 - mg/L · Fecal coliform 2021 - MPN/100 ml.

Jodhpur

RJ-26 · C2 Thar · Node N2 · Geometry drawn. A blank cell is an empty Schemia cell.

Current reading

Measure	Value
Rain 2024, mm	507.2
May depth 2024, m	53.69
Nov depth 2024, m	53.41
Wheat 2024-25, 000 ha	57.104
GWRA stage 2025, %	254.97
Recharge 2025, Ham	41,729.55

Four vintages

Series	2004-06	2014-16	2019-21	2024-26
Annual rain, mm	250.9	393.9	341.9	507.2
Monsoon rain, mm	247.6	364.6	275.4	507.2
May depth, m	28.77	21.11	52.49	53.69
November depth, m	26.82	21.4	20.37	53.41
Paddy, 000 ha	-	-	-	-
Wheat, 000 ha	37.751	77.939	67.736	57.104
Sugarcane, 000 ha	-	0.001	-	-

Quality: TDS 2016 2,465.12 / 2021 1,532.7 mg/L · BOD 2021 2.1 mg/L · Fecal coliform 2021 5.77 MPN/100 ml.

Phalodi

Geometry OPEN. No polygon in the NWIC / SOI extract (33 features, state=RJ, stcode=08). LGD district code 772. English name Phalodi. Order P.9(18)Rev-1/2022-(9), as printed on the LGD district page. The LGD page is identity. It is not a boundary. Do not paint Jodhpur as Phalodi.

Current reading

Measure	Value
Rain 2024, mm	-
May depth 2024, m	-
Nov depth 2024, m	-
Wheat 2024-25, 000 ha	30.168
GWRA stage 2025, %	-
Recharge 2025, Ham	-

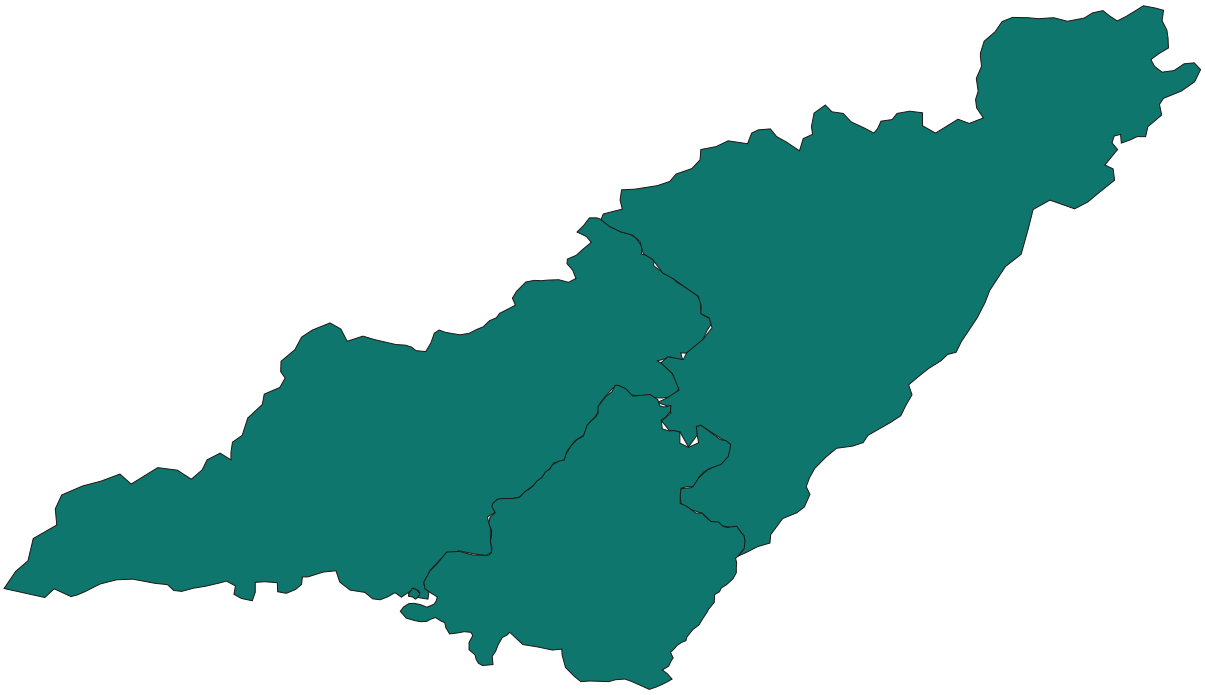
Four vintages

Series	2004-06	2014-16	2019-21	2024-26
Annual rain, mm	-	-	-	-
Monsoon rain, mm	-	-	-	-
May depth, m	-	-	-	-
November depth, m	-	-	-	-
Paddy, 000 ha	-	-	-	-
Wheat, 000 ha	-	-	-	30.168
Sugarcane, 000 ha	-	-	-	-

Quality: TDS 2016 - / 2021 - mg/L · BOD 2021 - mg/L · Fecal coliform 2021 - MPN/100 ml.

C3 Luni and the west Aravalli

Tract map for C3 Luni and the west Aravalli. Drawn: Jalore, Pali, Sirohi. Named, not drawn: Beawar. Colour is this tract only. The map is zoomed to these districts, not the whole state.



The Luni and the western face of the Aravalli

Water is lived in an inland river and in the salt of its groundwater. Four districts, each whole.

Beawar is not the Ajmer polygon, the Pali polygon, or the Rajsamand polygon.

Districts, whole: Beawar, Jalore, Pali, Sirohi.

Beawar

Geometry OPEN. No polygon in the NWIC / SOI extract (33 features, state=RJ, stcode=08). LGD district code 774. English name Beawar. Order P.9(18)Rev-1/2002-(3), as printed on the LGD district page. The LGD page is identity. It is not a boundary. Do not paint Ajmer, Pali, or Rajsamand as Beawar.

Current reading

Measure	Value
Rain 2024, mm	-
May depth 2024, m	-
Nov depth 2024, m	-
Wheat 2024-25, 000 ha	53.312
GWRA stage 2025, %	-
Recharge 2025, Ham	-

Four vintages

Series	2004-06	2014-16	2019-21	2024-26
Annual rain, mm	-	-	-	-
Monsoon rain, mm	-	-	-	-
May depth, m	-	-	-	-
November depth, m	-	-	-	-
Paddy, 000 ha	-	-	-	-
Wheat, 000 ha	-	-	-	53.312
Sugarcane, 000 ha	-	-	-	-

Quality: TDS 2016 - / 2021 - mg/L · BOD 2021 - mg/L · Fecal coliform 2021 - MPN/100 ml.

Jalore

RJ-23 · C3 Luni and the west Aravalli · Node none · Geometry drawn. A blank cell is an empty Schemia cell.

Current reading

Measure	Value
Rain 2024, mm	495.9
May depth 2024, m	28.51
Nov depth 2024, m	32.3
Wheat 2024-25, 000 ha	53.897
GWRA stage 2025, %	178.14
Recharge 2025, Ham	48,652.2

Four vintages

Series	2004-06	2014-16	2019-21	2024-26
Annual rain, mm	823.7	910	351.4	495.9
Monsoon rain, mm	820.2	867.7	296	495.9
May depth, m	30.56	31.1	30.68	28.51
November depth, m	24.99	32.72	37.42	32.3
Paddy, 000 ha	-	-	-	-
Wheat, 000 ha	43.35	52.182	34.484	53.897
Sugarcane, 000 ha	-	-	-	-

Quality: TDS 2016 3,874.39 / 2021 - mg/L · BOD 2021 1.7 mg/L · Fecal coliform 2021 - MPN/100 ml.

Pali

RJ-32 · C3 Luni and the west Aravalli · Node none · Geometry drawn. A blank cell is an empty Schemia cell.

Current reading

Measure	Value
Rain 2024, mm	780.2
May depth 2024, m	14.56
Nov depth 2024, m	9.44
Wheat 2024-25, 000 ha	95.55
GWRA stage 2025, %	158.32
Recharge 2025, Ham	35,099.3

Four vintages

Series	2004-06	2014-16	2019-21	2024-26
Annual rain, mm	744.4	1,522.6	560.2	780.2
Monsoon rain, mm	731.7	1,475.6	447.4	780.2
May depth, m	15.7	11.71	14.88	14.56
November depth, m	10.87	7.95	10.34	9.44
Paddy, 000 ha	-	-	-	-
Wheat, 000 ha	77.55	92.531	44.347	95.55
Sugarcane, 000 ha	-	-	-	-

Quality: TDS 2016 1,887.84 / 2021 - mg/L · BOD 2021 2.23 mg/L · Fecal coliform 2021 40 MPN/100 ml.

Sirohi

RJ-39 · C3 Luni and the west Aravalli · Node none · Geometry drawn. A blank cell is an empty Schemia cell.

Current reading

Measure	Value
Rain 2024, mm	706.6
May depth 2024, m	9.29
Nov depth 2024, m	9.16
Wheat 2024-25, 000 ha	43.901
GWRA stage 2025, %	119.3
Recharge 2025, Ham	31,013.49

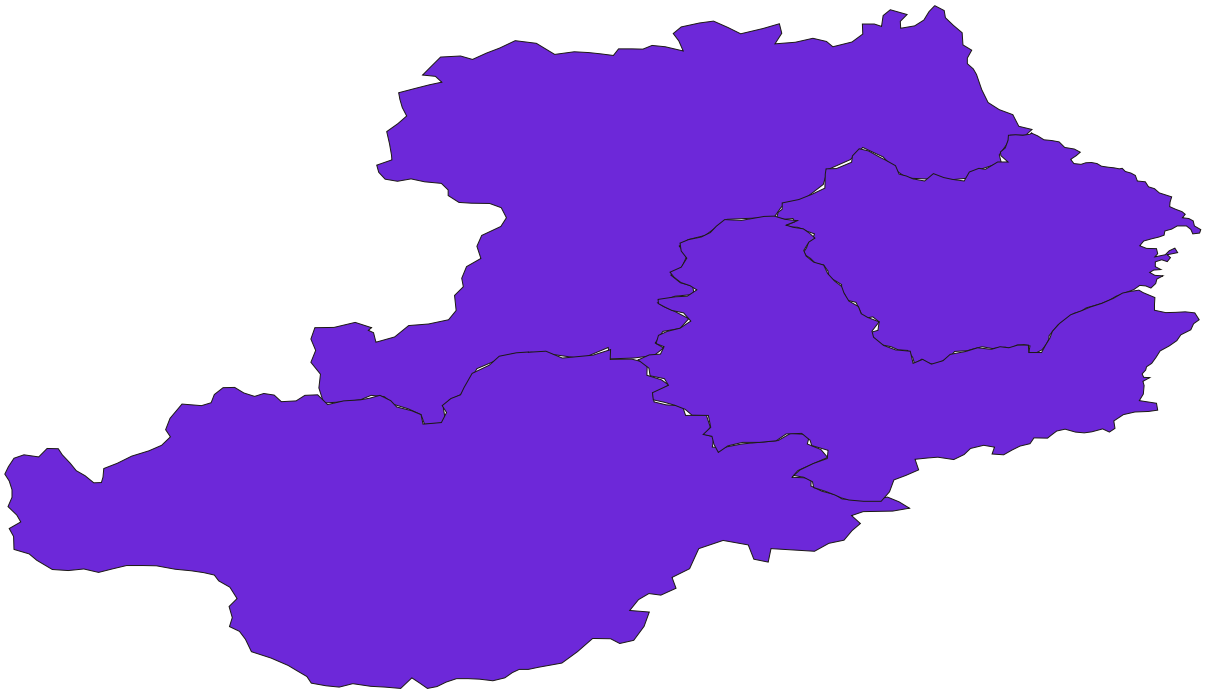
Four vintages

Series	2004-06	2014-16	2019-21	2024-26
Annual rain, mm	1,253	1,141.2	761.3	706.6
Monsoon rain, mm	1,236	1,072.5	634.5	706.1
May depth, m	13.52	15.94	17.78	9.29
November depth, m	3.48	9.9	11.17	9.16
Paddy, 000 ha	0.007	0.002	-	-
Wheat, 000 ha	46.191	37.509	29.265	43.901
Sugarcane, 000 ha	-	-	0.001	-

Quality: TDS 2016 1,147.25 / 2021 452.18 mg/L · BOD 2021 2.13 mg/L · Fecal coliform 2021 69.5 MPN/100 ml.

C4 Shekhawati and inland drainage

Tract map for C4 Shekhawati and inland drainage. Drawn: Churu, Jhunjhunu, Nagaur, Sikar. Named, not drawn: Didwana-Kuchaman. Colour is this tract only. The map is zoomed to these districts, not the whole state.



No river to the sea

Water is lived from groundwater and from short tanks. Five districts, each whole.

Churu is sandy and stays in this tract. Didwana-Kuchaman is not the Nagaur polygon.

Districts, whole: Churu, Didwana-Kuchaman, Jhunjhunu, Nagaur, Sikar.

Churu

RJ-13 · C4 Shekhawati and inland drainage · Node none · Geometry drawn. A blank cell is an empty Schemia cell.

Current reading

Measure	Value
Rain 2024, mm	620
May depth 2024, m	40.65
Nov depth 2024, m	39.69
Wheat 2024-25, 000 ha	54.854
GWRA stage 2025, %	128.88
Recharge 2025, Ham	16,810.58

Four vintages

Series	2004-06	2014-16	2019-21	2024-26
Annual rain, mm	297.5	739.1	531.5	620
Monsoon rain, mm	213.5	619.6	457.5	620
May depth, m	36.65	37.08	42.13	40.65
November depth, m	37.52	36.86	35.29	39.69
Paddy, 000 ha	-	-	-	-
Wheat, 000 ha	15.743	35.143	36.656	54.854
Sugarcane, 000 ha	-	-	-	-

Quality: TDS 2016 2,634.33 / 2021 2,795.57 mg/L · BOD 2021 - mg/L · Fecal coliform 2021 4 MPN/100 ml.

Didwana-Kuchaman

Geometry OPEN. No polygon in the NWIC / SOI extract (33 features, state=RJ, stcode=08). LGD district code 768. English name Didwana-Kuchaman. Order P.9(18)Rev-1/2022-(5), as printed on the LGD district page. The LGD page is identity. It is not a boundary. Do not paint Nagaur as Didwana-Kuchaman.

Current reading

Measure	Value
Rain 2024, mm	-
May depth 2024, m	-
Nov depth 2024, m	-
Wheat 2024-25, 000 ha	36.245
GWRA stage 2025, %	-
Recharge 2025, Ham	-

Four vintages

Series	2004-06	2014-16	2019-21	2024-26
Annual rain, mm	-	-	-	-
Monsoon rain, mm	-	-	-	-
May depth, m	-	-	-	-
November depth, m	-	-	-	-
Paddy, 000 ha	-	-	-	-
Wheat, 000 ha	-	-	-	36.245
Sugarcane, 000 ha	-	-	-	-

Quality: TDS 2016 - / 2021 - mg/L · BOD 2021 - mg/L · Fecal coliform 2021 - MPN/100 ml.

Jhunjhunu

RJ-25 · C4 Shekhawati and inland drainage · Node none · Geometry drawn. A blank cell is an empty Schemia cell.

Current reading

Measure	Value
Rain 2024, mm	528.7
May depth 2024, m	59.97
Nov depth 2024, m	62.52
Wheat 2024-25, 000 ha	76.364
GWRA stage 2025, %	227.55
Recharge 2025, Ham	24,929.07

Four vintages

Series	2004-06	2014-16	2019-21	2024-26
Annual rain, mm	425.4	1,159	633.2	528.7
Monsoon rain, mm	304.6	1,089.1	484.4	528.7
May depth, m	45.48	65.93	56.16	59.97
November depth, m	45.01	62.81	55.72	62.52
Paddy, 000 ha	-	-	-	-
Wheat, 000 ha	68.35	86.553	74.091	76.364
Sugarcane, 000 ha	-	-	-	-

Quality: TDS 2016 798.52 / 2021 1,821.72 mg/L · BOD 2021 - mg/L · Fecal coliform 2021 9 MPN/100 ml.

Nagaur

RJ-31 · C4 Shekhawati and inland drainage · Node none · Geometry drawn. A blank cell is an empty Schemia cell.

Current reading

Measure	Value
Rain 2024, mm	639.6
May depth 2024, m	62.35
Nov depth 2024, m	63.07
Wheat 2024-25, 000 ha	32.143
GWRA stage 2025, %	187.24
Recharge 2025, Ham	64,740.24

Four vintages

Series	2004-06	2014-16	2019-21	2024-26
Annual rain, mm	298.7	861.9	654.2	639.6
Monsoon rain, mm	252.5	820.8	522.8	639.6
May depth, m	34.09	32.3	59.87	62.35
November depth, m	32.14	35.42	38.82	63.07
Paddy, 000 ha	-	-	-	-
Wheat, 000 ha	76.384	64.949	45.158	32.143
Sugarcane, 000 ha	-	-	-	-

Quality: TDS 2016 3,222.94 / 2021 1,490.12 mg/L · BOD 2021 - mg/L · Fecal coliform 2021 - MPN/100 ml.

Sikar

RJ-38 · C4 Shekhawati and inland drainage · Node none · Geometry drawn. A blank cell is an empty Schemia cell.

Current reading

Measure	Value
Rain 2024, mm	616.4
May depth 2024, m	46.53
Nov depth 2024, m	43.75
Wheat 2024-25, 000 ha	100.732
GWRA stage 2025, %	191.35
Recharge 2025, Ham	38,570.42

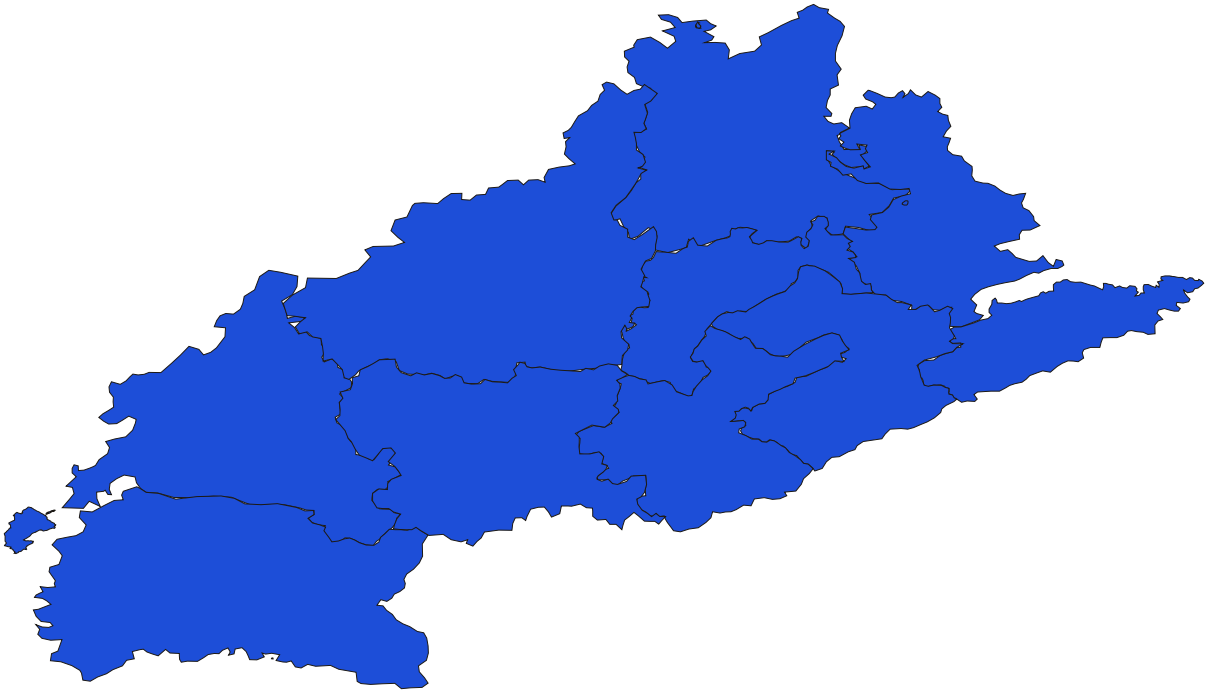
Four vintages

Series	2004-06	2014-16	2019-21	2024-26
Annual rain, mm	373.8	935.9	647.4	616.4
Monsoon rain, mm	296.2	874.6	508.1	616.4
May depth, m	38.67	47.57	51.44	46.53
November depth, m	40.02	48.64	48.3	43.75
Paddy, 000 ha	-	-	-	-
Wheat, 000 ha	84.349	92.032	79.723	100.732
Sugarcane, 000 ha	0.015	0.011	0.009	0.013

Quality: TDS 2016 1,098.34 / 2021 1,380.09 mg/L · BOD 2021 - mg/L · Fecal coliform 2021 6.5 MPN/100 ml.

C5 Eastern rivers

Tract map for C5 Eastern rivers. Drawn: Ajmer, Alwar, Bharatpur, Bhilwara, Dausa, Dholpur, Jaipur, Karauli, Sawai Madhopur, Tonk. Named, not drawn: Deeg, Khairthal-Tijara, Kotputli-Behror. Colour is this tract only. The map is zoomed to these districts, not the whole state.



Banas, Banganga, Sahibi, and the Chambal floodplain

Water is lived as tanks, flood, and regulated rivers. Thirteen districts share the tract and do not share one meter.

Ajmer also stands where the Luni rises, and stays whole in this tract. Deeg is not the Bharatpur polygon. Khairthal-Tijara is not the Alwar polygon. Kotputli-Behror is not the Jaipur polygon or the Alwar polygon.

Districts, whole: Ajmer, Alwar, Bharatpur, Bhilwara, Dausa, Deeg, Dholpur, Jaipur, Karauli, Khairthal-Tijara, Kotputli-Behror, Sawai Madhopur, Tonk.

Ajmer

RJ-01 · C5 Eastern rivers · Node N6 · Geometry drawn. A blank cell is an empty Schemia cell.

Current reading

Measure	Value
Rain 2024, mm	814.4
May depth 2024, m	14.64
Nov depth 2024, m	5.43
Wheat 2024-25, 000 ha	72.956
GWRA stage 2025, %	138.14
Recharge 2025, Ham	37,312.12

Four vintages

Series	2004-06	2014-16	2019-21	2024-26
Annual rain, mm	410.7	1,027.7	587.2	814.4
Monsoon rain, mm	385.5	959.6	465	812.1
May depth, m	12.16	11.43	14.66	14.64
November depth, m	8.55	9.58	8.3	5.43
Paddy, 000 ha	0.015	0.007	0.004	0.004
Wheat, 000 ha	30.011	55.466	46.763	72.956
Sugarcane, 000 ha	0.049	0.023	0.004	0.007

Quality: TDS 2016 1,944.55 / 2021 - mg/L · BOD 2021 2.3 mg/L · Fecal coliform 2021 7 MPN/100 ml.

Alwar

RJ-02 · C5 Eastern rivers · Node none · Geometry drawn. A blank cell is an empty Schemia cell.

Current reading

Measure	Value
Rain 2024, mm	911.9
May depth 2024, m	50.31
Nov depth 2024, m	40.8
Wheat 2024-25, 000 ha	100.855
GWRA stage 2025, %	182.14
Recharge 2025, Ham	78,320.85

Four vintages

Series	2004-06	2014-16	2019-21	2024-26
Annual rain, mm	498.4	1,291.9	776.9	911.9
Monsoon rain, mm	429.9	1,222.3	660.7	909
May depth, m	22.42	30.25	34.27	50.31
November depth, m	19.92	22.69	42.39	40.8
Paddy, 000 ha	0.127	0.266	0.044	0.054
Wheat, 000 ha	180.515	215.678	144.47	100.855
Sugarcane, 000 ha	0.127	0.025	0.004	0.001

Quality: TDS 2016 1,314.72 / 2021 1,773.17 mg/L · BOD 2021 1.3 mg/L · Fecal coliform 2021 46.62 MPN/100 ml.

Bharatpur

RJ-08 · C5 Eastern rivers · Node none · Geometry drawn. A blank cell is an empty Schemia cell.

Current reading

Measure	Value
Rain 2024, mm	956.1
May depth 2024, m	17.66
Nov depth 2024, m	13.3
Wheat 2024-25, 000 ha	69.609
GWRA stage 2025, %	116.72
Recharge 2025, Ham	42,572.58

Four vintages

Series	2004-06	2014-16	2019-21	2024-26
Annual rain, mm	438.4	1,286.9	761.2	956.1
Monsoon rain, mm	364.9	1,223.8	588.7	954.8
May depth, m	8.69	13.67	18.57	17.66
November depth, m	8.22	13.04	16.63	13.3
Paddy, 000 ha	0.878	1.288	1.191	0.58
Wheat, 000 ha	147.831	160.51	90.585	69.609
Sugarcane, 000 ha	0.121	0.005	0.002	0.002

Quality: TDS 2016 3,515.62 / 2021 925.01 mg/L · BOD 2021 - mg/L · Fecal coliform 2021 240 MPN/100 ml.

Bhilwara

RJ-09 · C5 Eastern rivers · Node none · Geometry drawn. A blank cell is an empty Schemia cell.

Current reading

Measure	Value
Rain 2024, mm	807.4
May depth 2024, m	14.44
Nov depth 2024, m	3.56
Wheat 2024-25, 000 ha	183.066
GWRA stage 2025, %	155.81
Recharge 2025, Ham	45,313.86

Four vintages

Series	2004-06	2014-16	2019-21	2024-26
Annual rain, mm	799.3	1,510.7	737.8	807.4
Monsoon rain, mm	770.9	1,502	592.8	807.3
May depth, m	12.53	12.63	13.32	14.44
November depth, m	6.82	10.86	8.45	3.56
Paddy, 000 ha	0.207	0.515	0.628	2.555
Wheat, 000 ha	123.813	139.795	123.985	183.066
Sugarcane, 000 ha	0.2	0.028	0.048	0.024

Quality: TDS 2016 1,258.53 / 2021 - mg/L · BOD 2021 1.87 mg/L · Fecal coliform 2021 42.8 MPN/100 ml.

Dausa

RJ-14 · C5 Eastern rivers · Node none · Geometry drawn. A blank cell is an empty Schemia cell.

Current reading

Measure	Value
Rain 2024, mm	1,412.8
May depth 2024, m	43.65
Nov depth 2024, m	38.39
Wheat 2024-25, 000 ha	84.861
GWRA stage 2025, %	232.64
Recharge 2025, Ham	27,982.31

Four vintages

Series	2004-06	2014-16	2019-21	2024-26
Annual rain, mm	448.2	1,709.1	793.2	1,412.8
Monsoon rain, mm	400.6	1,674.4	637.8	1,412.8
May depth, m	23.55	29.33	36.47	43.65
November depth, m	25.18	28.37	27.6	38.39
Paddy, 000 ha	-	-	-	-
Wheat, 000 ha	75.948	102.485	68.201	84.861
Sugarcane, 000 ha	0.003	0.001	-	-

Quality: TDS 2016 1,578.32 / 2021 698.06 mg/L · BOD 2021 - mg/L · Fecal coliform 2021 4 MPN/100 ml.

Deeg

Geometry OPEN. No polygon in the NWIC / SOI extract (33 features, state=RJ, stcode=08). LGD district code 767. English name Deeg. Order P.9(18)Rev-1/2022-(4), as printed on the LGD district page. The LGD page is identity. It is not a boundary. Do not paint Bharatpur as Deeg.

Current reading

Measure	Value
Rain 2024, mm	-
May depth 2024, m	-
Nov depth 2024, m	-
Wheat 2024-25, 000 ha	67.253
GWRA stage 2025, %	-
Recharge 2025, Ham	-

Four vintages

Series	2004-06	2014-16	2019-21	2024-26
Annual rain, mm	-	-	-	-
Monsoon rain, mm	-	-	-	-
May depth, m	-	-	-	-
November depth, m	-	-	-	-
Paddy, 000 ha	-	-	-	3.595
Wheat, 000 ha	-	-	-	67.253
Sugarcane, 000 ha	-	-	-	-

Quality: TDS 2016 - / 2021 - mg/L · BOD 2021 - mg/L · Fecal coliform 2021 - MPN/100 ml.

Dholpur

RJ-16 · C5 Eastern rivers · Node none · Geometry drawn. A blank cell is an empty Schemia cell.

Current reading

Measure	Value
Rain 2024, mm	1,035.1
May depth 2024, m	20.16
Nov depth 2024, m	14.4
Wheat 2024-25, 000 ha	68.907
GWRA stage 2025, %	138.03
Recharge 2025, Ham	28,673.96

Four vintages

Series	2004-06	2014-16	2019-21	2024-26
Annual rain, mm	407.5	1,267.1	820.3	1,035.1
Monsoon rain, mm	364.2	1,199.6	666.3	1,035.1
May depth, m	15.35	16.03	13.83	20.16
November depth, m	14.99	15.03	17.99	14.4
Paddy, 000 ha	0.536	0.489	0.47	0.663
Wheat, 000 ha	47.649	65.844	42.664	68.907
Sugarcane, 000 ha	0.172	0.015	0.009	0.012

Quality: TDS 2016 1,279.28 / 2021 463.12 mg/L · BOD 2021 1.95 mg/L · Fecal coliform 2021 76.85 MPN/100 ml.

Jaipur

RJ-21 · C5 Eastern rivers · Node N1 · Geometry drawn. A blank cell is an empty Schemia cell.

Current reading

Measure	Value
Rain 2024, mm	864.8
May depth 2024, m	48.54
Nov depth 2024, m	43.8
Wheat 2024-25, 000 ha	140.162
GWRA stage 2025, %	217.01
Recharge 2025, Ham	78,890.77

Four vintages

Series	2004-06	2014-16	2019-21	2024-26
Annual rain, mm	409.9	1,128	682.7	864.8
Monsoon rain, mm	360.2	1,086.2	545.5	862.4
May depth, m	27.44	33.24	35.05	48.54
November depth, m	26.06	35.54	34.94	43.8
Paddy, 000 ha	-	-	-	-
Wheat, 000 ha	136.066	157.232	136.277	140.162
Sugarcane, 000 ha	0.018	0.025	0.048	0.024

Quality: TDS 2016 1,358.45 / 2021 1,965.55 mg/L · BOD 2021 3.27 mg/L · Fecal coliform 2021 19.36 MPN/100 ml.

Karauli

RJ-27 · C5 Eastern rivers · Node none · Geometry drawn. A blank cell is an empty Schemia cell.

Current reading

Measure	Value
Rain 2024, mm	1,317.8
May depth 2024, m	29.56
Nov depth 2024, m	26.47
Wheat 2024-25, 000 ha	85.756
GWRA stage 2025, %	149.49
Recharge 2025, Ham	36,325.58

Four vintages

Series	2004-06	2014-16	2019-21	2024-26
Annual rain, mm	491	1,409.3	879.2	1,317.8
Monsoon rain, mm	448	1,366.8	711.6	1,317.6
May depth, m	15.43	15.2	26.19	29.56
November depth, m	15.92	11.63	15.74	26.47
Paddy, 000 ha	1.84	1.867	2.261	1.434
Wheat, 000 ha	53.423	89.193	65.602	85.756
Sugarcane, 000 ha	0.128	0.017	0.01	0.01

Quality: TDS 2016 1,040.72 / 2021 1,014 mg/L · BOD 2021 - mg/L · Fecal coliform 2021 4 MPN/100 ml.

Khairthal-Tijara

Geometry OPEN. No polygon in the NWIC / SOI extract (33 features, state=RJ, stcode=08). LGD district code 770. English name Khairthal-Tijara. Order P.9(18)Rev-1/2022-(10), as printed on the LGD district page. The LGD page is identity. It is not a boundary. Do not paint Alwar as Khairthal-Tijara.

Current reading

Measure	Value
Rain 2024, mm	-
May depth 2024, m	-
Nov depth 2024, m	-
Wheat 2024-25, 000 ha	-
GWRA stage 2025, %	-
Recharge 2025, Ham	-

Four vintages

Series	2004-06	2014-16	2019-21	2024-26
Annual rain, mm	-	-	-	-
Monsoon rain, mm	-	-	-	-
May depth, m	-	-	-	-
November depth, m	-	-	-	-
Paddy, 000 ha	-	-	-	-
Wheat, 000 ha	-	-	-	-
Sugarcane, 000 ha	-	-	-	-

Quality: TDS 2016 - / 2021 - mg/L · BOD 2021 - mg/L · Fecal coliform 2021 - MPN/100 ml.

Kotputli-Behror

Geometry OPEN. No polygon in the NWIC / SOI extract (33 features, state=RJ, stcode=08). LGD district code 782. English name Kotputli-Behror. Order P.9(18)Rev-1/2022-(10), as printed on the LGD district page. The LGD page is identity. It is not a boundary. Do not paint Jaipur or Alwar as Kotputli-Behror.

Current reading

Measure	Value
Rain 2024, mm	-
May depth 2024, m	-
Nov depth 2024, m	-
Wheat 2024-25, 000 ha	49.891
GWRA stage 2025, %	-
Recharge 2025, Ham	-

Four vintages

Series	2004-06	2014-16	2019-21	2024-26
Annual rain, mm	-	-	-	-
Monsoon rain, mm	-	-	-	-
May depth, m	-	-	-	-
November depth, m	-	-	-	-
Paddy, 000 ha	-	-	-	-
Wheat, 000 ha	-	-	-	49.891
Sugarcane, 000 ha	-	-	-	-

Quality: TDS 2016 - / 2021 - mg/L · BOD 2021 - mg/L · Fecal coliform 2021 - MPN/100 ml.

Sawai Madhopur

RJ-37 · C5 Eastern rivers · Node none · Geometry drawn. A blank cell is an empty Schemia cell.

Current reading

Measure	Value
Rain 2024, mm	1,248.1
May depth 2024, m	22.12
Nov depth 2024, m	8.62
Wheat 2024-25, 000 ha	77.965
GWRA stage 2025, %	152.11
Recharge 2025, Ham	46,369.32

Four vintages

Series	2004-06	2014-16	2019-21	2024-26
Annual rain, mm	500.6	957.5	1,014	1,248.1
Monsoon rain, mm	455.7	927.1	845.5	1,248.1
May depth, m	14.38	11.63	20.02	22.12
November depth, m	14.52	7.57	4.69	8.62
Paddy, 000 ha	0.027	1.632	2.829	7.502
Wheat, 000 ha	42.351	85.337	62.57	77.965
Sugarcane, 000 ha	0.075	0.016	0.005	0.001

Quality: TDS 2016 1,256.67 / 2021 - mg/L · BOD 2021 2.3 mg/L · Fecal coliform 2021 93 MPN/100 ml.

Tonk

RJ-40 · C5 Eastern rivers · Node none · Geometry drawn. A blank cell is an empty Schemia cell.

Current reading

Measure	Value
Rain 2024, mm	1,079.2
May depth 2024, m	10.21
Nov depth 2024, m	4.45
Wheat 2024-25, 000 ha	61.353
GWRA stage 2025, %	91.42
Recharge 2025, Ham	49,724.95

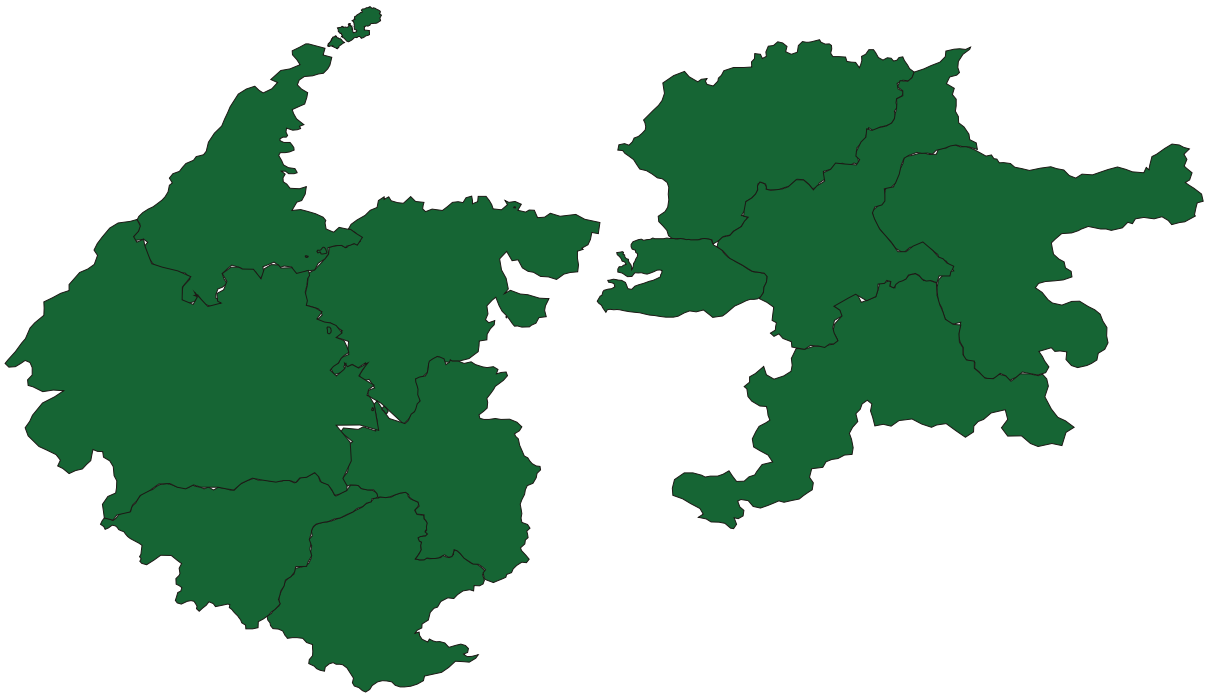
Four vintages

Series	2004-06	2014-16	2019-21	2024-26
Annual rain, mm	413.8	1,520.4	824.7	1,079.2
Monsoon rain, mm	388.1	1,494.4	705.1	1,079.2
May depth, m	11.85	8.7	11.09	10.21
November depth, m	10.42	6.29	6.28	4.45
Paddy, 000 ha	-	0.001	-	0.039
Wheat, 000 ha	63.43	69.184	37.868	61.353
Sugarcane, 000 ha	0.097	0.042	0.02	0.02

Quality: TDS 2016 1,291.82 / 2021 - mg/L · BOD 2021 2.1 mg/L · Fecal coliform 2021 64 MPN/100 ml.

C6 South and Hadoti

Tract map for C6 South and Hadoti. Drawn: Banswara, Baran, Bundi, Chittorgarh, Dungarpur, Jhalawar, Kota, Pratapgarh, Rajsamand, Udaipur. Named, not drawn: Salumbar. Colour is this tract only. The map is zoomed to these districts, not the whole state.



Mahi, the southern hills, and the Chambal dams

Water is lived as higher rain, tanks, and dammed rivers. Eleven districts, each whole.

Chittorgarh also lives the Berach and stays whole in this tract. Salumbar is not the Udaipur polygon.

Districts, whole: Banswara, Baran, Bundi, Chittorgarh, Dungarpur, Jhalawar, Kota, Pratapgarh, Rajsamand, Salumbar, Udaipur.

Banswara

RJ-04 · C6 South and Hadoti · Node none · Geometry drawn. A blank cell is an empty Schemia cell.

Current reading

Measure	Value
Rain 2024, mm	1,033.6
May depth 2024, m	10.82
Nov depth 2024, m	4.31
Wheat 2024-25, 000 ha	120.254
GWRA stage 2025, %	69.63
Recharge 2025, Ham	23,225.14

Four vintages

Series	2004-06	2014-16	2019-21	2024-26
Annual rain, mm	1,805.8	1,095.1	877.5	1,033.6
Monsoon rain, mm	1,790.6	1,017.4	810.4	1,033.6
May depth, m	6.75	7.9	8.89	10.82
November depth, m	3.32	1.35	4.2	4.31
Paddy, 000 ha	33.252	29.244	26.549	24.815
Wheat, 000 ha	85.835	82.693	124.214	120.254
Sugarcane, 000 ha	0.287	0.05	0.036	0.02

Quality: TDS 2016 575.57 / 2021 698.03 mg/L · BOD 2021 2.45 mg/L · Fecal coliform 2021 21 MPN/100 ml.

Baran

RJ-05 · C6 South and Hadoti · Node none · Geometry drawn. A blank cell is an empty Schemia cell.

Current reading

Measure	Value
Rain 2024, mm	890
May depth 2024, m	15.71
Nov depth 2024, m	6.75
Wheat 2024-25, 000 ha	206.797
GWRA stage 2025, %	134.91
Recharge 2025, Ham	64,889.22

Four vintages

Series	2004-06	2014-16	2019-21	2024-26
Annual rain, mm	725.2	992.8	1,113.7	890
Monsoon rain, mm	650.2	961.1	969	890
May depth, m	10.85	7.12	14.26	15.71
November depth, m	7.25	4.63	5.22	6.75
Paddy, 000 ha	1.838	18.482	14.535	41.417
Wheat, 000 ha	85.963	163.267	124.484	206.797
Sugarcane, 000 ha	0.062	0.013	0.001	0.005

Quality: TDS 2016 877.5 / 2021 526.83 mg/L · BOD 2021 - mg/L · Fecal coliform 2021 4 MPN/100 ml.

Bundi

RJ-11 · C6 South and Hadoti · Node none · Geometry drawn. A blank cell is an empty Schemia cell.

Current reading

Measure	Value
Rain 2024, mm	1,037.9
May depth 2024, m	15.76
Nov depth 2024, m	5.03
Wheat 2024-25, 000 ha	165.47
GWRA stage 2025, %	95.91
Recharge 2025, Ham	36,047.3

Four vintages

Series	2004-06	2014-16	2019-21	2024-26
Annual rain, mm	572.2	1,608.7	975.4	1,037.9
Monsoon rain, mm	546.7	1,538.6	830.1	1,037.9
May depth, m	7.49	6	12.27	15.76
November depth, m	5.83	2.69	3.72	5.03
Paddy, 000 ha	9.421	44.345	55.581	99.676
Wheat, 000 ha	111.575	162.248	149.985	165.47
Sugarcane, 000 ha	4.398	1.014	0.227	0.161

Quality: TDS 2016 1,139.51 / 2021 - mg/L · BOD 2021 3.02 mg/L · Fecal coliform 2021 210 MPN/100 ml.

Chittorgarh

RJ-12 · C6 South and Hadoti · Node none · Geometry drawn. A blank cell is an empty Schemia cell.

Current reading

Measure	Value
Rain 2024, mm	850.6
May depth 2024, m	20.12
Nov depth 2024, m	7.41
Wheat 2024-25, 000 ha	161.073
GWRA stage 2025, %	161.86
Recharge 2025, Ham	34,798.2

Four vintages

Series	2004-06	2014-16	2019-21	2024-26
Annual rain, mm	1,066.2	2,445	1,069.4	850.6
Monsoon rain, mm	1,044.5	2,404.5	812.1	849.9
May depth, m	13.26	11.53	16.98	20.12
November depth, m	6.83	7.61	6.93	7.41
Paddy, 000 ha	0.608	0.857	0.943	2.441
Wheat, 000 ha	146.886	157.881	137.587	161.073
Sugarcane, 000 ha	1.375	1.451	0.993	0.805

Quality: TDS 2016 904.31 / 2021 705.79 mg/L · BOD 2021 1.23 mg/L · Fecal coliform 2021 123.86 MPN/100 ml.

Dungarpur

RJ-18 · C6 South and Hadoti · Node none · Geometry drawn. A blank cell is an empty Schemia cell.

Current reading

Measure	Value
Rain 2024, mm	761.1
May depth 2024, m	14.29
Nov depth 2024, m	4.5
Wheat 2024-25, 000 ha	78.736
GWRA stage 2025, %	61.2
Recharge 2025, Ham	22,696.67

Four vintages

Series	2004-06	2014-16	2019-21	2024-26
Annual rain, mm	1,385	1,834.6	915.4	761.1
Monsoon rain, mm	1,366	1,799.5	743	760
May depth, m	9.53	8.77	9.44	14.29
November depth, m	3.18	2.85	4.71	4.5
Paddy, 000 ha	27.161	17.681	14.966	14.54
Wheat, 000 ha	40.855	46.988	66.396	78.736
Sugarcane, 000 ha	0.188	0.016	0.028	0.024

Quality: TDS 2016 660.83 / 2021 790.53 mg/L · BOD 2021 2.25 mg/L · Fecal coliform 2021 75 MPN/100 ml.

Jhalawar

RJ-24 · C6 South and Hadoti · Node none · Geometry drawn. A blank cell is an empty Schemia cell.

Current reading

Measure	Value
Rain 2024, mm	858.2
May depth 2024, m	11.06
Nov depth 2024, m	5.87
Wheat 2024-25, 000 ha	192.378
GWRA stage 2025, %	105.93
Recharge 2025, Ham	59,090.67

Four vintages

Series	2004-06	2014-16	2019-21	2024-26
Annual rain, mm	1,335	2,155.9	1,016.7	858.2
Monsoon rain, mm	1,273.4	2,125.8	853.2	858.2
May depth, m	12.46	9.6	11.09	11.06
November depth, m	5.21	5.58	6.53	5.87
Paddy, 000 ha	0.72	4.424	5.289	11.311
Wheat, 000 ha	72.456	109.041	137.321	192.378
Sugarcane, 000 ha	0.031	0.021	0.002	0.005

Quality: TDS 2016 869.51 / 2021 691.93 mg/L · BOD 2021 2.33 mg/L · Fecal coliform 2021 45 MPN/100 ml.

Kota

RJ-29 · C6 South and Hadoti · Node N3 · Geometry drawn. A blank cell is an empty Schemia cell.

Current reading

Measure	Value
Rain 2024, mm	974.2
May depth 2024, m	13.38
Nov depth 2024, m	5.63
Wheat 2024-25, 000 ha	158.598
GWRA stage 2025, %	110.99
Recharge 2025, Ham	52,465.22

Four vintages

Series	2004-06	2014-16	2019-21	2024-26
Annual rain, mm	929.4	1,537.7	1,263.6	974.2
Monsoon rain, mm	903.5	1,529.3	1,061.7	974.2
May depth, m	8.99	7.85	14.14	13.38
November depth, m	5.65	6.18	7.02	5.63
Paddy, 000 ha	6.505	22.707	24.215	54.198
Wheat, 000 ha	81.551	141.604	108.964	158.598
Sugarcane, 000 ha	0.028	0.002	0.003	0.004

Quality: TDS 2016 887.47 / 2021 - mg/L · BOD 2021 1.83 mg/L · Fecal coliform 2021 23 MPN/100 ml.

Pratapgarh

RJ-34 · C6 South and Hadoti · Node none · Geometry drawn. A blank cell is an empty Schemia cell.

Current reading

Measure	Value
Rain 2024, mm	885.4
May depth 2024, m	16.33
Nov depth 2024, m	6.41
Wheat 2024-25, 000 ha	113.194
GWRA stage 2025, %	129.17
Recharge 2025, Ham	23,448.34

Four vintages

Series	2004-06	2014-16	2019-21	2024-26
Annual rain, mm	-	2,014	1,072.6	885.4
Monsoon rain, mm	-	1,951.4	835.9	884.1
May depth, m	9.72	11.38	16.04	16.33
November depth, m	4.52	2.62	3.83	6.41
Paddy, 000 ha	-	0.823	0.419	0.226
Wheat, 000 ha	-	63.634	100.279	113.194
Sugarcane, 000 ha	-	0.001	-	0.001

Quality: TDS 2016 439.83 / 2021 1,041.95 mg/L · BOD 2021 - mg/L · Fecal coliform 2021 - MPN/100 ml.

Rajsamand

RJ-35 · C6 South and Hadoti · Node none · Geometry drawn. A blank cell is an empty Schemia cell.

Current reading

Measure	Value
Rain 2024, mm	752.2
May depth 2024, m	12.53
Nov depth 2024, m	5.25
Wheat 2024-25, 000 ha	49.758
GWRA stage 2025, %	120.66
Recharge 2025, Ham	12,510.96

Four vintages

Series	2004-06	2014-16	2019-21	2024-26
Annual rain, mm	855.5	1,534.1	680.2	752.2
Monsoon rain, mm	844.5	1,468.8	531.8	752.2
May depth, m	11.73	11.88	12.34	12.53
November depth, m	5.08	4.58	6.1	5.25
Paddy, 000 ha	0.105	0.029	0.008	0.001
Wheat, 000 ha	36.704	32.458	28.741	49.758
Sugarcane, 000 ha	0.373	0.315	0.175	0.191

Quality: TDS 2016 1,196.24 / 2021 - mg/L · BOD 2021 1.63 mg/L · Fecal coliform 2021 41 MPN/100 ml.

Salumbar

Geometry OPEN. No polygon in the NWIC / SOI extract (33 features, state=RJ, stcode=08). LGD district code 777. English name Salumbar. Order P.9(18)Rev-1/2022-(12), as printed on the LGD district page. The LGD page is identity. It is not a boundary. Do not paint Udaipur as Salumbar.

Current reading

Measure	Value
Rain 2024, mm	-
May depth 2024, m	-
Nov depth 2024, m	-
Wheat 2024-25, 000 ha	43.474
GWRA stage 2025, %	-
Recharge 2025, Ham	-

Four vintages

Series	2004-06	2014-16	2019-21	2024-26
Annual rain, mm	-	-	-	-
Monsoon rain, mm	-	-	-	-
May depth, m	-	-	-	-
November depth, m	-	-	-	-
Paddy, 000 ha	-	-	-	0.073
Wheat, 000 ha	-	-	-	43.474
Sugarcane, 000 ha	-	-	-	0.008

Quality: TDS 2016 - / 2021 - mg/L · BOD 2021 - mg/L · Fecal coliform 2021 - MPN/100 ml.

Udaipur

RJ-41 · C6 South and Hadoti · Node N5 · Geometry drawn. A blank cell is an empty Schemia cell.

Current reading

Measure	Value
Rain 2024, mm	763
May depth 2024, m	11.09
Nov depth 2024, m	5.31
Wheat 2024-25, 000 ha	93.983
GWRA stage 2025, %	100.08
Recharge 2025, Ham	33,242.71

Four vintages

Series	2004-06	2014-16	2019-21	2024-26
Annual rain, mm	1,246.6	1,707	762.6	763
Monsoon rain, mm	1,238.8	1,640.4	512.6	759.2
May depth, m	8.56	9.7	10.48	11.09
November depth, m	3.87	2.59	5.38	5.31
Paddy, 000 ha	6.175	4.864	3.824	3.616
Wheat, 000 ha	88.904	80.41	103.621	93.983
Sugarcane, 000 ha	0.49	0.231	0.272	0.09

Quality: TDS 2016 898.18 / 2021 604.71 mg/L · BOD 2021 1.79 mg/L · Fecal coliform 2021 5.71 MPN/100 ml.

A Reading of Each District

Each paragraph uses only the cells on that district. A vintage that was not printed is left out of the sentence. The tables after this chapter repeat the same cells in columns.

Ajmer. Annual rain, mm: 2004-06 410.7, 2014-16 1,027.7, 2019-21 587.2, 2024-26 814.4. May depth, m: 2004-06 12.16, 2014-16 11.43, 2019-21 14.66, 2024-26 14.64. November depth, m: 2004-06 8.55, 2014-16 9.58, 2019-21 8.3, 2024-26 5.43. Wheat, thousand hectares: 2004-06 30.011, 2014-16 55.466, 2019-21 46.763, 2024-26 72.956.

Alwar. Annual rain, mm: 2004-06 498.4, 2014-16 1,291.9, 2019-21 776.9, 2024-26 911.9. May depth, m: 2004-06 22.42, 2014-16 30.25, 2019-21 34.27, 2024-26 50.31. November depth, m: 2004-06 19.92, 2014-16 22.69, 2019-21 42.39, 2024-26 40.8. Wheat, thousand hectares: 2004-06 180.515, 2014-16 215.678, 2019-21 144.47, 2024-26 100.855.

Balotra. Annual rain, mm: is not printed. May depth, m: is not printed. November depth, m: is not printed. Wheat, thousand hectares: 2024-26 10.216.

Banswara. Annual rain, mm: 2004-06 1,805.8, 2014-16 1,095.1, 2019-21 877.5, 2024-26 1,033.6. May depth, m: 2004-06 6.75, 2014-16 7.9, 2019-21 8.89, 2024-26 10.82. November depth, m: 2004-06 3.32, 2014-16 1.35, 2019-21 4.2, 2024-26 4.31. Wheat, thousand hectares: 2004-06 85.835, 2014-16 82.693, 2019-21 124.214, 2024-26 120.254.

Baran. Annual rain, mm: 2004-06 725.2, 2014-16 992.8, 2019-21 1,113.7, 2024-26 890. May depth, m: 2004-06 10.85, 2014-16 7.12, 2019-21 14.26, 2024-26 15.71. November depth, m: 2004-06 7.25, 2014-16 4.63, 2019-21 5.22, 2024-26 6.75. Wheat, thousand hectares: 2004-06 85.963, 2014-16 163.267, 2019-21 124.484, 2024-26 206.797.

Barmer. Annual rain, mm: 2004-06 677.6, 2014-16 457.3, 2019-21 274.1, 2024-26 456.8. May depth, m: 2004-06 29.99, 2014-16 33.89, 2019-21 37.12, 2024-26 39.43. November depth, m: 2004-06 27.06, 2014-16 33.03, 2019-21 36.84, 2024-26 41.76. Wheat, thousand hectares: 2004-06 18.4, 2014-16 17.612, 2019-21 11.61, 2024-26 3.072.

Beawar. Annual rain, mm: is not printed. May depth, m: is not printed. November depth, m: is not printed. Wheat, thousand hectares: 2024-26 53.312.

Bharatpur. Annual rain, mm: 2004-06 438.4, 2014-16 1,286.9, 2019-21 761.2, 2024-26 956.1. May depth, m: 2004-06 8.69, 2014-16 13.67, 2019-21 18.57, 2024-26 17.66. November depth, m: 2004-06 8.22, 2014-16 13.04, 2019-21 16.63, 2024-26 13.3. Wheat, thousand hectares: 2004-06 147.831, 2014-16 160.51, 2019-21 90.585, 2024-26 69.609.

Bhilwara. Annual rain, mm: 2004-06 799.3, 2014-16 1,510.7, 2019-21 737.8, 2024-26 807.4. May depth, m: 2004-06 12.53, 2014-16 12.63, 2019-21 13.32, 2024-26 14.44. November depth, m: 2004-06 6.82, 2014-16 10.86, 2019-21 8.45, 2024-26 3.56. Wheat, thousand hectares: 2004-06 123.813, 2014-16 139.795, 2019-21 123.985, 2024-26 183.066.

Bikaner. Annual rain, mm: 2004-06 184.8, 2014-16 536.7, 2019-21 329, 2024-26 438.7. May depth, m: 2004-06 47.73, 2014-16 36.63, 2019-21 82.59, 2024-26 69.67. November depth, m: 2004-06 46.92, 2014-16 41.4, 2019-21 34.03, 2024-26 70.79. Wheat, thousand hectares: 2004-06 52.898, 2014-16 113.183, 2019-21 103.903, 2024-26 140.19.

Bundi. Annual rain, mm: 2004-06 572.2, 2014-16 1,608.7, 2019-21 975.4, 2024-26 1,037.9. May depth, m: 2004-06 7.49, 2014-16 6, 2019-21 12.27, 2024-26 15.76. November depth, m: 2004-06 5.83, 2014-16 2.69, 2019-21 3.72, 2024-26 5.03. Wheat, thousand hectares: 2004-06 111.575, 2014-16 162.248, 2019-21 149.985, 2024-26 165.47.

Chittorgarh. Annual rain, mm: 2004-06 1,066.2, 2014-16 2,445, 2019-21 1,069.4, 2024-26 850.6. May depth, m: 2004-06 13.26, 2014-16 11.53, 2019-21 16.98, 2024-26 20.12. November depth, m: 2004-06 6.83, 2014-16 7.61, 2019-21 6.93, 2024-26 7.41. Wheat, thousand hectares: 2004-06 146.886, 2014-16 157.881, 2019-21 137.587, 2024-26 161.073.

Churu. Annual rain, mm: 2004-06 297.5, 2014-16 739.1, 2019-21 531.5, 2024-26 620. May depth, m: 2004-06 36.65, 2014-16 37.08, 2019-21 42.13, 2024-26 40.65. November depth, m: 2004-06 37.52, 2014-16 36.86, 2019-21 35.29, 2024-26 39.69. Wheat, thousand hectares: 2004-06 15.743, 2014-16 35.143, 2019-21 36.656, 2024-26 54.854.

Dausa. Annual rain, mm: 2004-06 448.2, 2014-16 1,709.1, 2019-21 793.2, 2024-26 1,412.8. May depth, m: 2004-06 23.55, 2014-16 29.33, 2019-21 36.47, 2024-26 43.65. November depth, m: 2004-06 25.18, 2014-16 28.37, 2019-21 27.6, 2024-26 38.39. Wheat, thousand hectares: 2004-06 75.948, 2014-16 102.485, 2019-21 68.201, 2024-26 84.861.

Deeg. Annual rain, mm: is not printed. May depth, m: is not printed. November depth, m: is not printed. Wheat, thousand hectares: 2024-26 67.253.

Dholpur. Annual rain, mm: 2004-06 407.5, 2014-16 1,267.1, 2019-21 820.3, 2024-26 1,035.1. May depth, m: 2004-06 15.35, 2014-16 16.03, 2019-21 13.83, 2024-26 20.16. November depth, m: 2004-06 14.99, 2014-16 15.03, 2019-21 17.99, 2024-26 14.4. Wheat, thousand hectares: 2004-06 47.649, 2014-16 65.844, 2019-21 42.664, 2024-26 68.907.

Didwana-Kuchaman. Annual rain, mm: is not printed. May depth, m: is not printed. November depth, m: is not printed. Wheat, thousand hectares: 2024-26 36.245.

Dungarpur. Annual rain, mm: 2004-06 1,385, 2014-16 1,834.6, 2019-21 915.4, 2024-26 761.1. May depth, m: 2004-06 9.53, 2014-16 8.77, 2019-21 9.44, 2024-26 14.29. November depth, m: 2004-06 3.18, 2014-16 2.85, 2019-21 4.71, 2024-26 4.5. Wheat, thousand hectares: 2004-06 40.855, 2014-16 46.988, 2019-21 66.396, 2024-26 78.736.

Ganganagar. Annual rain, mm: 2004-06 220.7, 2014-16 491.9, 2019-21 408.2, 2024-26 478.2. May depth, m: 2004-06 15.71, 2014-16 12.32, 2019-21 11.23, 2024-26 11.26. November depth, m: 2004-06 15.88, 2014-16 12.54, 2019-21 14.08, 2024-26 11.46. Wheat, thousand hectares: 2004-06 192.667, 2014-16 248.342, 2019-21 199.197, 2024-26 269.68.

Hanumangarh. Annual rain, mm: 2004-06 282.7, 2014-16 470.6, 2019-21 376.5, 2024-26 326.5. May depth, m: 2004-06 14.04, 2014-16 16.68, 2019-21 18.43, 2024-26 18.74. November depth, m: 2004-06 14.37, 2014-16 18.34, 2019-21 19.45, 2024-26 17.64. Wheat, thousand hectares: 2004-06 186.411, 2014-16 240.237, 2019-21 205.773, 2024-26 275.783.

Jaipur. Annual rain, mm: 2004-06 409.9, 2014-16 1,128, 2019-21 682.7, 2024-26 864.8. May depth, m: 2004-06 27.44, 2014-16 33.24, 2019-21 35.05, 2024-26 48.54. November depth, m: 2004-06 26.06, 2014-16 35.54, 2019-21 34.94, 2024-26 43.8. Wheat, thousand hectares: 2004-06 136.066, 2014-16 157.232, 2019-21 136.277, 2024-26 140.162.

Jaisalmer. Annual rain, mm: 2004-06 225.2, 2014-16 141.4, 2019-21 293.8, 2024-26 404.5. May depth, m: 2004-06 37.06, 2014-16 37.85, 2019-21 46.71, 2024-26 47.5. November depth, m: 2004-06 33.51, 2014-16 38.01, 2019-21 32.97, 2024-26 47.16. Wheat, thousand hectares: 2004-06 13.03, 2014-16 9.989, 2019-21 7.574, 2024-26 8.537.

Jalore. Annual rain, mm: 2004-06 823.7, 2014-16 910, 2019-21 351.4, 2024-26 495.9. May depth, m: 2004-06 30.56, 2014-16 31.1, 2019-21 30.68, 2024-26 28.51. November depth, m: 2004-06 24.99, 2014-16 32.72, 2019-21 37.42, 2024-26 32.3. Wheat, thousand hectares: 2004-06 43.35, 2014-16 52.182, 2019-21 34.484, 2024-26 53.897.

Jhalawar. Annual rain, mm: 2004-06 1,335, 2014-16 2,155.9, 2019-21 1,016.7, 2024-26 858.2. May depth, m: 2004-06 12.46, 2014-16 9.6, 2019-21 11.09, 2024-26 11.06. November depth, m: 2004-06 5.21, 2014-16 5.58, 2019-21 6.53, 2024-26 5.87. Wheat, thousand hectares: 2004-06 72.456, 2014-16 109.041, 2019-21 137.321, 2024-26 192.378.

Jhunjhunu. Annual rain, mm: 2004-06 425.4, 2014-16 1,159, 2019-21 633.2, 2024-26 528.7. May depth, m: 2004-06 45.48, 2014-16 65.93, 2019-21 56.16, 2024-26 59.97. November depth, m: 2004-06 45.01, 2014-16 62.81, 2019-21 55.72, 2024-26 62.52. Wheat, thousand hectares: 2004-06 68.35, 2014-16 86.553, 2019-21 74.091, 2024-26 76.364.

Jodhpur. Annual rain, mm: 2004-06 250.9, 2014-16 393.9, 2019-21 341.9, 2024-26 507.2. May depth, m: 2004-06 28.77, 2014-16 21.11, 2019-21 52.49, 2024-26 53.69. November depth, m: 2004-06 26.82, 2014-16 21.4, 2019-21 20.37, 2024-26 53.41. Wheat, thousand hectares: 2004-06 37.751, 2014-16 77.939, 2019-21 67.736, 2024-26 57.104.

Karauli. Annual rain, mm: 2004-06 491, 2014-16 1,409.3, 2019-21 879.2, 2024-26 1,317.8. May depth, m: 2004-06 15.43, 2014-16 15.2, 2019-21 26.19, 2024-26 29.56. November depth, m: 2004-06 15.92, 2014-16 11.63, 2019-21 15.74, 2024-26 26.47. Wheat, thousand hectares: 2004-06 53.423, 2014-16 89.193, 2019-21 65.602, 2024-26 85.756.

Khairthal-Tijara. Annual rain, mm: is not printed. May depth, m: is not printed. November depth, m: is not printed. Wheat, thousand hectares: is not printed.

Kota. Annual rain, mm: 2004-06 929.4, 2014-16 1,537.7, 2019-21 1,263.6, 2024-26 974.2. May depth, m: 2004-06 8.99, 2014-16 7.85, 2019-21 14.14, 2024-26 13.38. November depth, m: 2004-06 5.65, 2014-16 6.18, 2019-21 7.02, 2024-26 5.63. Wheat, thousand hectares: 2004-06 81.551, 2014-16 141.604, 2019-21 108.964, 2024-26 158.598.

Kotputli-Behror. Annual rain, mm: is not printed. May depth, m: is not printed. November depth, m: is not printed. Wheat, thousand hectares: 2024-26 49.891.

Nagaur. Annual rain, mm: 2004-06 298.7, 2014-16 861.9, 2019-21 654.2, 2024-26 639.6. May depth, m: 2004-06 34.09, 2014-16 32.3, 2019-21 59.87, 2024-26 62.35. November depth, m: 2004-06 32.14, 2014-16 35.42, 2019-21 38.82, 2024-26 63.07. Wheat, thousand hectares: 2004-06 76.384, 2014-16 64.949, 2019-21 45.158, 2024-26 32.143.

Pali. Annual rain, mm: 2004-06 744.4, 2014-16 1,522.6, 2019-21 560.2, 2024-26 780.2. May depth, m: 2004-06 15.7, 2014-16 11.71, 2019-21 14.88, 2024-26 14.56. November depth, m: 2004-06 10.87, 2014-16 7.95, 2019-21 10.34,

2024-26 9.44. Wheat, thousand hectares: 2004-06 77.55, 2014-16 92.531, 2019-21 44.347, 2024-26 95.55.

Phalodi. Annual rain, mm: is not printed. May depth, m: is not printed. November depth, m: is not printed. Wheat, thousand hectares: 2024-26 30.168.

Pratapgarh. Annual rain, mm: 2014-16 2,014, 2019-21 1,072.6, 2024-26 885.4. May depth, m: 2004-06 9.72, 2014-16 11.38, 2019-21 16.04, 2024-26 16.33. November depth, m: 2004-06 4.52, 2014-16 2.62, 2019-21 3.83, 2024-26 6.41. Wheat, thousand hectares: 2014-16 63.634, 2019-21 100.279, 2024-26 113.194.

Rajsamand. Annual rain, mm: 2004-06 855.5, 2014-16 1,534.1, 2019-21 680.2, 2024-26 752.2. May depth, m: 2004-06 11.73, 2014-16 11.88, 2019-21 12.34, 2024-26 12.53. November depth, m: 2004-06 5.08, 2014-16 4.58, 2019-21 6.1, 2024-26 5.25. Wheat, thousand hectares: 2004-06 36.704, 2014-16 32.458, 2019-21 28.741, 2024-26 49.758.

Salumbar. Annual rain, mm: is not printed. May depth, m: is not printed. November depth, m: is not printed. Wheat, thousand hectares: 2024-26 43.474.

Sawai Madhopur. Annual rain, mm: 2004-06 500.6, 2014-16 957.5, 2019-21 1,014, 2024-26 1,248.1. May depth, m: 2004-06 14.38, 2014-16 11.63, 2019-21 20.02, 2024-26 22.12. November depth, m: 2004-06 14.52, 2014-16 7.57, 2019-21 4.69, 2024-26 8.62. Wheat, thousand hectares: 2004-06 42.351, 2014-16 85.337, 2019-21 62.57, 2024-26 77.965.

Sikar. Annual rain, mm: 2004-06 373.8, 2014-16 935.9, 2019-21 647.4, 2024-26 616.4. May depth, m: 2004-06 38.67, 2014-16 47.57, 2019-21 51.44, 2024-26 46.53. November depth, m: 2004-06 40.02, 2014-16 48.64, 2019-21 48.3, 2024-26 43.75. Wheat, thousand hectares: 2004-06 84.349, 2014-16 92.032, 2019-21 79.723, 2024-26 100.732.

Sirohi. Annual rain, mm: 2004-06 1,253, 2014-16 1,141.2, 2019-21 761.3, 2024-26 706.6. May depth, m: 2004-06 13.52, 2014-16 15.94, 2019-21 17.78, 2024-26 9.29. November depth, m: 2004-06 3.48, 2014-16 9.9, 2019-21 11.17, 2024-26 9.16. Wheat, thousand hectares: 2004-06 46.191, 2014-16 37.509, 2019-21 29.265, 2024-26 43.901.

Tonk. Annual rain, mm: 2004-06 413.8, 2014-16 1,520.4, 2019-21 824.7, 2024-26 1,079.2. May depth, m: 2004-06 11.85, 2014-16 8.7, 2019-21 11.09, 2024-26 10.21. November depth, m: 2004-06 10.42, 2014-16 6.29, 2019-21 6.28, 2024-26 4.45. Wheat, thousand hectares: 2004-06 63.43, 2014-16 69.184, 2019-21 37.868, 2024-26 61.353.

Udaipur. Annual rain, mm: 2004-06 1,246.6, 2014-16 1,707, 2019-21 762.6, 2024-26 763. May depth, m: 2004-06 8.56, 2014-16 9.7, 2019-21 10.48, 2024-26 11.09. November depth, m: 2004-06 3.87, 2014-16 2.59, 2019-21 5.38, 2024-26 5.31. Wheat, thousand hectares: 2004-06 88.904, 2014-16 80.41, 2019-21 103.621, 2024-26 93.983.

Groundwater 2025

Hectare-metre, current vintage only. Stage is a percent. Chittorgarh, Dholpur and Jalore are joined from the Annexure II spellings Chittaurgarh, Dhaulpur and Jalor. A dash is a district the annexure does not name. The printed state total remains recharge 1,287,008.1 hectare-metre and stage 147.11 percent, and it is not one of these rows. A district stage is not a depth, and neither figure alone explains the local water situation.

District	Recharge	Extractable	Extraction	Stage %
Ajmer	37,312.12	33,580.91	46,389.72	138.14
Alwar	78,320.85	70,488.78	128,390.72	182.14
Balotra	-	-	-	-
Banswara	23,225.14	20,902.62	14,554.39	69.63
Baran	64,889.22	58,400.26	78,786.08	134.91
Barmer	38,583.18	34,883.49	46,917.66	134.5
Beawar	-	-	-	-
Bharatpur	42,572.58	38,315.32	44,720.79	116.72
Bhilwara	45,313.86	40,782.47	63,541.4	155.81
Bikaner	31,327.94	28,195.15	39,635.01	140.57
Bundi	36,047.3	32,730.29	31,390.4	95.91
Chittorgarh	34,798.2	31,318.37	50,693.12	161.86
Churu	16,810.58	15,541.57	20,029.38	128.88
Dausa	27,982.31	25,184.08	58,589.26	232.64
Deeg	-	-	-	-
Dholpur	28,673.96	25,806.56	35,620.82	138.03
Didwana-Kuchaman	-	-	-	-
Dungarpur	22,696.67	20,426.97	12,502.23	61.2
Ganganagar	48,103.32	43,292.97	17,478.43	40.37
Hanumangarh	22,865.56	20,579.01	13,448.76	65.35
Jaipur	78,890.77	71,377.76	154,900.23	217.01
Jaisalmer	10,682.52	9,614.27	30,942.89	321.84
Jalore	48,652.2	44,656.19	79,551.91	178.14
Jhalawar	59,090.67	53,536.01	56,709.65	105.93
Jhunjhunu	24,929.07	22,436.15	51,052.73	227.55
Jodhpur	41,729.55	38,078.5	97,087.88	254.97
Karauli	36,325.58	32,693	48,873.77	149.49
Khairthal-Tijara	-	-	-	-
Kota	52,465.22	47,218.69	52,406.72	110.99
Kotputli-Behror	-	-	-	-
Nagaur	64,740.24	58,659.2	109,830.72	187.24
Pali	35,099.3	31,589.37	50,012.98	158.32
Phalodi	-	-	-	-
Pratapgarh	23,448.34	21,103.49	27,259.76	129.17
Rajsamand	12,510.96	11,259.85	13,586.56	120.66
Salumbar	-	-	-	-
Sawai Madhopur	46,369.32	41,732.38	63,478.28	152.11
Sikar	38,570.42	34,927.43	66,832.1	191.35
Sirohi	31,013.49	27,912.11	33,298.27	119.3
Tonk	49,724.95	44,994.37	41,133.76	91.42
Udaipur	33,242.71	29,950.69	29,973.72	100.08

Rainfall

Millimetres. The mean of station sums of recorded rainy days. Monsoon is June to September. 2006 is empty for Pratapgarh, which had no station. Sirohi 2006 is its one station. The eight newer districts have no row.

Average annual rainfall, CL-001.

District	2004-06	2014-16	2019-21	2024-26
Ajmer	410.7	1,027.7	587.2	814.4
Alwar	498.4	1,291.9	776.9	911.9
Balotra	-	-	-	-
Banswara	1,805.8	1,095.1	877.5	1,033.6
Baran	725.2	992.8	1,113.7	890
Barmer	677.6	457.3	274.1	456.8
Beawar	-	-	-	-
Bharatpur	438.4	1,286.9	761.2	956.1
Bhilwara	799.3	1,510.7	737.8	807.4
Bikaner	184.8	536.7	329	438.7
Bundi	572.2	1,608.7	975.4	1,037.9
Chittorgarh	1,066.2	2,445	1,069.4	850.6
Churu	297.5	739.1	531.5	620
Dausa	448.2	1,709.1	793.2	1,412.8
Deeg	-	-	-	-
Dholpur	407.5	1,267.1	820.3	1,035.1
Didwana-Kuchaman	-	-	-	-
Dungarpur	1,385	1,834.6	915.4	761.1
Ganganagar	220.7	491.9	408.2	478.2
Hanumangarh	282.7	470.6	376.5	326.5
Jaipur	409.9	1,128	682.7	864.8
Jaisalmer	225.2	141.4	293.8	404.5
Jalore	823.7	910	351.4	495.9
Jhalawar	1,335	2,155.9	1,016.7	858.2
Jhunjhunu	425.4	1,159	633.2	528.7
Jodhpur	250.9	393.9	341.9	507.2
Karauli	491	1,409.3	879.2	1,317.8
Khairthal-Tijara	-	-	-	-
Kota	929.4	1,537.7	1,263.6	974.2
Kotputli-Behror	-	-	-	-
Nagaur	298.7	861.9	654.2	639.6
Pali	744.4	1,522.6	560.2	780.2
Phalodi	-	-	-	-
Pratapgarh	-	2,014	1,072.6	885.4
Rajsamand	855.5	1,534.1	680.2	752.2
Salumbar	-	-	-	-
Sawai Madhopur	500.6	957.5	1,014	1,248.1
Sikar	373.8	935.9	647.4	616.4
Sirohi	1,253	1,141.2	761.3	706.6
Tonk	413.8	1,520.4	824.7	1,079.2
Udaipur	1,246.6	1,707	762.6	763

Monsoon rainfall, CL-002.

District	2004-06	2014-16	2019-21	2024-26
Ajmer	385.5	959.6	465	812.1
Alwar	429.9	1,222.3	660.7	909
Balotra	-	-	-	-
Banswara	1,790.6	1,017.4	810.4	1,033.6
Baran	650.2	961.1	969	890
Barmer	637.3	429.5	256.1	456.8
Beawar	-	-	-	-
Bharatpur	364.9	1,223.8	588.7	954.8

District	2004-06	2014-16	2019-21	2024-26
Bhilwara	770.9	1,502	592.8	807.3
Bikaner	107.8	507	294.1	438.7
Bundi	546.7	1,538.6	830.1	1,037.9
Chittorgarh	1,044.5	2,404.5	812.1	849.9
Churu	213.5	619.6	457.5	620
Dausa	400.6	1,674.4	637.8	1,412.8
Deeg	-	-	-	-
Dholpur	364.2	1,199.6	666.3	1,035.1
Didwana-Kuchaman	-	-	-	-
Dungarpur	1,366	1,799.5	743	760
Ganganagar	200.5	459.2	310.7	478.2
Hanumangarh	186.1	425.6	296.2	325.4
Jaipur	360.2	1,086.2	545.5	862.4
Jaisalmer	209.9	122.5	247	404.5
Jalore	820.2	867.7	296	495.9
Jhalawar	1,273.4	2,125.8	853.2	858.2
Jhunjhunu	304.6	1,089.1	484.4	528.7
Jodhpur	247.6	364.6	275.4	507.2
Karauli	448	1,366.8	711.6	1,317.6
Khairthal-Tijara	-	-	-	-
Kota	903.5	1,529.3	1,061.7	974.2
Kotputli-Behror	-	-	-	-
Nagaur	252.5	820.8	522.8	639.6
Pali	731.7	1,475.6	447.4	780.2
Phalodi	-	-	-	-
Pratapgarh	-	1,951.4	835.9	884.1
Rajsamand	844.5	1,468.8	531.8	752.2
Salumbar	-	-	-	-
Sawai Madhopur	455.7	927.1	845.5	1,248.1
Sikar	296.2	874.6	508.1	616.4
Sirohi	1,236	1,072.5	634.5	706.1
Tonk	388.1	1,494.4	705.1	1,079.2
Udaipur	1,238.8	1,640.4	512.6	759.2

Rainy days, CL-004.

District	2004-06	2014-16	2019-21	2024-26
Ajmer	29.2	67.8	39.5	37.9
Alwar	29.2	75.1	44.9	42.4
Balotra	-	-	-	-
Banswara	60.9	44.9	56.1	49.7
Baran	35.2	49.9	55.4	46.2
Barmer	29.3	28.3	21.7	24.5
Beawar	-	-	-	-
Bharatpur	31.1	75.9	50.5	43
Bhilwara	40.5	74	41.6	43
Bikaner	18.3	42	29.7	19.7
Bundi	38.7	82.9	56	44
Chittorgarh	49	90.1	62	46.6
Churu	29.5	45.5	45	36
Dausa	35	79.4	43.5	50.6
Deeg	-	-	-	-
Dholpur	34.8	69.4	49.9	47.1
Didwana-Kuchaman	-	-	-	-
Dungarpur	53.4	77.5	53.8	46.1
Ganganagar	17.5	38.3	32.2	26.4
Hanumangarh	20.7	38.1	27.6	19.6
Jaipur	31.9	70.6	42.6	44.8

District	2004-06	2014-16	2019-21	2024-26
Jaisalmer	16.6	14.2	17.8	20.8
Jalore	41.3	45	33	33.6
Jhalawar	54	90.8	59.8	52.2
Jhunjhunu	28.4	62.5	45	37.3
Jodhpur	24.3	24.9	29.6	27
Karauli	35.2	77.4	49.2	52.8
Khairthal-Tijara	-	-	-	-
Kota	42.7	79.9	61	47.7
Kotputli-Behror	-	-	-	-
Nagaur	22.2	57	39.7	33.6
Pali	33.3	61.2	39.6	33.6
Phalodi	-	-	-	-
Pratapgarh	-	78	57.6	46.4
Rajsamand	46.1	79.1	46.2	46.1
Salumbar	-	-	-	-
Sawai Madhopur	36	45.1	52.9	49.4
Sikar	30	64.7	48	43.6
Sirohi	46	48.3	46.6	46.2
Tonk	37	80.4	47.7	49.2
Udaipur	54.1	84.6	51.2	48

Days over 100 mm, CL-007.

District	2004-06	2014-16	2019-21	2024-26
Ajmer	0.1	0.43	0.38	1.26
Alwar	0.31	0.38	0.56	0.44
Balotra	-	-	-	-
Banswara	4.29	1.07	0.79	2
Baran	1	1.38	2.25	0.38
Barmer	1.29	0.53	0	0.17
Beawar	-	-	-	-
Bharatpur	0.25	1.2	0.1	0.7
Bhilwara	0.39	1.04	0.43	0.52
Bikaner	0	0	0	0.83
Bundi	0.14	1.86	1.71	1
Chittorgarh	1.6	4.64	0.73	0.27
Churu	0	0	0	1.5
Dausa	0	1	0.5	2
Deeg	-	-	-	-
Dholpur	0	1.29	0.29	1.14
Didwana-Kuchaman	-	-	-	-
Dungarpur	3.13	2.71	1.12	0.41
Ganganagar	0.09	0	0.21	0.29
Hanumangarh	0.14	0	0.29	0.29
Jaipur	0.25	0.63	0.37	0.68
Jaisalmer	0.4	0	0.2	0.6
Jalore	0.57	1.5	0	0.29
Jhalawar	3	2.67	0.75	0.33
Jhunjhunu	0.29	0.75	0	0.14
Jodhpur	0	0.15	0.07	0.5
Karauli	0.2	1.8	1.2	1.8
Khairthal-Tijara	-	-	-	-
Kota	1.29	1.33	1.89	1
Kotputli-Behror	-	-	-	-
Nagaur	0.67	0	0.43	0.43
Pali	1.33	2.8	0.4	1
Phalodi	-	-	-	-
Pratapgarh	-	3.57	1	0.57

District	2004-06	2014-16	2019-21	2024-26
Rajsamand	1.25	1.38	0.25	0.38
Salumbar	-	-	-	-
Sawai Madhopur	0	1.25	1.62	1.71
Sikar	0.2	0.43	0.57	0.29
Sirohi	2	1	0.29	0.17
Tonk	0	1.14	1	2
Udaipur	2.44	1.11	0.89	0.25

Monsoon share of annual rain, percent, CL-003.

District	2004-06	2014-16	2019-21	2024-26
Ajmer	92.4	92.8	78.9	99.8
Alwar	86.2	94.6	85.1	99.7
Balotra	-	-	-	-
Banswara	99.2	93.1	92.1	100
Baran	84.3	96.7	87.4	100
Barmer	94	92.9	93.7	100
Beawar	-	-	-	-
Bharatpur	83.4	95.1	77.3	99.9
Bhilwara	96.5	99.5	80.1	100
Bikaner	59.2	93.3	89.2	100
Bundi	95.4	94.7	84.2	100
Chittorgarh	97.9	98.4	74.9	99.9
Churu	70.8	81.2	86.3	100
Dausa	89.5	97.8	80.4	100
Deeg	-	-	-	-
Dholpur	89.2	94.5	80.8	100
Didwana-Kuchaman	-	-	-	-
Dungarpur	98.7	97.9	78.9	99.9
Ganganagar	90.8	91.3	71	100
Hanumangarh	64.3	89.9	78	99.7
Jaipur	86.8	96.1	79.6	99.8
Jaisalmer	93.9	86.3	85.8	100
Jalore	99.5	93.7	83.6	100
Jhalawar	95	98.5	84.1	100
Jhunjhunu	71.4	93.7	76.7	100
Jodhpur	98.6	92.8	81	100
Karauli	91.2	96.9	80.6	100
Khairthal-Tijara	-	-	-	-
Kota	96.8	99.5	83.9	100
Kotputli-Behror	-	-	-	-
Nagaur	86.3	94.9	80.3	100
Pali	98.9	96.2	79.6	100
Phalodi	-	-	-	-
Pratapgarh	-	95.4	74.6	99.9
Rajsamand	98.6	95.8	77.6	100
Salumbar	-	-	-	-
Sawai Madhopur	90.5	97.1	82.9	100
Sikar	78.2	93.5	78.6	100
Sirohi	98.6	92.2	83.8	99.9
Tonk	93.6	98.3	85.7	100
Udaipur	99.4	96.1	67.9	99.6

Rainfall intensity, millimetres per rainy day, CL-006.

District	2004-06	2014-16	2019-21	2024-26
Ajmer	13.8	15	14.9	21.9
Alwar	17.2	17.5	17.8	21.5
Balotra	-	-	-	-
Banswara	29.6	24.5	15.7	20.8

District	2004-06	2014-16	2019-21	2024-26
Baran	20	20	19.6	18.8
Barmer	23.4	15	13.1	18.7
Beawar	-	-	-	-
Bharatpur	14.2	17.1	15.3	22.3
Bhilwara	20.2	19.8	18.1	18.9
Bikaner	10.8	12.6	11.2	23
Bundi	14.7	19.6	17.4	23.6
Chittorgarh	21.8	27.1	17.1	18.3
Churu	10.1	15.9	11.8	17.4
Dausa	13.3	21.6	18.7	27.9
Deeg	-	-	-	-
Dholpur	11.7	18.3	16.7	21.6
Didwana-Kuchaman	-	-	-	-
Dungarpur	26.3	24	17.1	16.9
Ganganagar	13.8	12.3	12.1	17.5
Hanumangarh	13.6	13.2	13.9	16.8
Jaipur	13.2	16.6	16.2	19.4
Jaisalmer	12.8	9.4	15.7	19.3
Jalore	19.9	19.5	10.6	14.9
Jhalawar	24.6	24.1	17.1	17.1
Jhunjhunu	15.4	18.6	14.2	14.2
Jodhpur	10.1	15.6	11.7	18.8
Karauli	14	17.6	17.8	25
Khairthal-Tijara	-	-	-	-
Kota	21.8	19.1	21	20.4
Kotputli-Behror	-	-	-	-
Nagaur	13.6	15.2	16.5	19.1
Pali	21.6	24.4	14.1	23.3
Phalodi	-	-	-	-
Pratapgarh	-	24.9	18.4	18.9
Rajsamand	18.5	19.4	15	16.5
Salumbar	-	-	-	-
Sawai Madhopur	13.6	21.3	19.3	25.3
Sikar	12.3	15.1	13.4	14.1
Sirohi	27.2	22.5	15.9	15.7
Tonk	11.4	18.9	17.2	21.9
Udaipur	23.3	20.5	14.9	16.1

Groundwater depth

Metres below ground. May is pre-monsoon. November is post-monsoon. One latest reading per well, then the mean of wells, and only where two wells exist. Bikaner, May 2021, in the 2019-21 column, is 82.59. Ajmer, May 2024, in the current column, is 14.64.

Pre-monsoon depth, GW-001.

District	2004-06	2014-16	2019-21	2024-26
Ajmer	12.16	11.43	14.66	14.64
Alwar	22.42	30.25	34.27	50.31
Balotra	-	-	-	-
Banswara	6.75	7.9	8.89	10.82
Baran	10.85	7.12	14.26	15.71
Barmer	29.99	33.89	37.12	39.43
Beawar	-	-	-	-
Bharatpur	8.69	13.67	18.57	17.66
Bhilwara	12.53	12.63	13.32	14.44
Bikaner	47.73	36.63	82.59	69.67
Bundi	7.49	6	12.27	15.76
Chittorgarh	13.26	11.53	16.98	20.12
Churu	36.65	37.08	42.13	40.65
Dausa	23.55	29.33	36.47	43.65
Deeg	-	-	-	-
Dholpur	15.35	16.03	13.83	20.16
Didwana-Kuchaman	-	-	-	-
Dungarpur	9.53	8.77	9.44	14.29
Ganganagar	15.71	12.32	11.23	11.26
Hanumangarh	14.04	16.68	18.43	18.74
Jaipur	27.44	33.24	35.05	48.54
Jaisalmer	37.06	37.85	46.71	47.5
Jalore	30.56	31.1	30.68	28.51
Jhalawar	12.46	9.6	11.09	11.06
Jhunjhunu	45.48	65.93	56.16	59.97
Jodhpur	28.77	21.11	52.49	53.69
Karauli	15.43	15.2	26.19	29.56
Khairthal-Tijara	-	-	-	-
Kota	8.99	7.85	14.14	13.38
Kotputli-Behror	-	-	-	-
Nagaur	34.09	32.3	59.87	62.35
Pali	15.7	11.71	14.88	14.56
Phalodi	-	-	-	-
Pratapgarh	9.72	11.38	16.04	16.33
Rajsamand	11.73	11.88	12.34	12.53
Salumbar	-	-	-	-
Sawai Madhopur	14.38	11.63	20.02	22.12
Sikar	38.67	47.57	51.44	46.53
Sirohi	13.52	15.94	17.78	9.29
Tonk	11.85	8.7	11.09	10.21
Udaipur	8.56	9.7	10.48	11.09

Post-monsoon depth, GW-002.

District	2004-06	2014-16	2019-21	2024-26
Ajmer	8.55	9.58	8.3	5.43
Alwar	19.92	22.69	42.39	40.8
Balotra	-	-	-	-
Banswara	3.32	1.35	4.2	4.31
Baran	7.25	4.63	5.22	6.75
Barmer	27.06	33.03	36.84	41.76

District	2004-06	2014-16	2019-21	2024-26
Beawar	-	-	-	-
Bharatpur	8.22	13.04	16.63	13.3
Bhilwara	6.82	10.86	8.45	3.56
Bikaner	46.92	41.4	34.03	70.79
Bundi	5.83	2.69	3.72	5.03
Chittorgarh	6.83	7.61	6.93	7.41
Churu	37.52	36.86	35.29	39.69
Dausa	25.18	28.37	27.6	38.39
Deeg	-	-	-	-
Dholpur	14.99	15.03	17.99	14.4
Didwana-Kuchaman	-	-	-	-
Dungarpur	3.18	2.85	4.71	4.5
Ganganagar	15.88	12.54	14.08	11.46
Hanumangarh	14.37	18.34	19.45	17.64
Jaipur	26.06	35.54	34.94	43.8
Jaisalmer	33.51	38.01	32.97	47.16
Jalore	24.99	32.72	37.42	32.3
Jhalawar	5.21	5.58	6.53	5.87
Jhunjhunu	45.01	62.81	55.72	62.52
Jodhpur	26.82	21.4	20.37	53.41
Karauli	15.92	11.63	15.74	26.47
Khairthal-Tijara	-	-	-	-
Kota	5.65	6.18	7.02	5.63
Kotputli-Behror	-	-	-	-
Nagaur	32.14	35.42	38.82	63.07
Pali	10.87	7.95	10.34	9.44
Phalodi	-	-	-	-
Pratapgarh	4.52	2.62	3.83	6.41
Rajsamand	5.08	4.58	6.1	5.25
Salumbar	-	-	-	-
Sawai Madhopur	14.52	7.57	4.69	8.62
Sikar	40.02	48.64	48.3	43.75
Sirohi	3.48	9.9	11.17	9.16
Tonk	10.42	6.29	6.28	4.45
Udaipur	3.87	2.59	5.38	5.31

Quality

TDS is groundwater, milligrams per litre. 2016 is the 2014-16 column. 2021 is the 2019-21 column. There is no 2006 district mean and no 2024 district mean. River BOD and fecal coliform are 2021 only. A district with one station is left blank. COD is not in the table because the column has no number.

District	TDS 2016	TDS 2021	BOD 2021	Fecal 2021
Ajmer	1,944.55	-	2.3	7
Alwar	1,314.72	1,773.17	1.3	46.62
Balotra	-	-	-	-
Banswara	575.57	698.03	2.45	21
Baran	877.5	526.83	-	4
Barmer	2,881.62	-	-	11.88
Beawar	-	-	-	-
Bharatpur	3,515.62	925.01	-	240
Bhilwara	1,258.53	-	1.87	42.8
Bikaner	653.33	1,448.31	-	4
Bundi	1,139.51	-	3.02	210
Chittorgarh	904.31	705.79	1.23	123.86
Churu	2,634.33	2,795.57	-	4
Dausa	1,578.32	698.06	-	4
Deeg	-	-	-	-
Dholpur	1,279.28	463.12	1.95	76.85
Didwana-Kuchaman	-	-	-	-
Dungarpur	660.83	790.53	2.25	75
Ganganagar	686.36	1,669.07	1.2	-
Hanumangarh	641.33	2,546.84	1.93	-
Jaipur	1,358.45	1,965.55	3.27	19.36
Jaisalmer	2,270.89	1,247.07	-	-
Jalore	3,874.39	-	1.7	-
Jhalawar	869.51	691.93	2.33	45
Jhunjhunu	798.52	1,821.72	-	9
Jodhpur	2,465.12	1,532.7	2.1	5.77
Karauli	1,040.72	1,014	-	4
Khairthal-Tijara	-	-	-	-
Kota	887.47	-	1.83	23
Kotputli-Behror	-	-	-	-
Nagaur	3,222.94	1,490.12	-	-
Pali	1,887.84	-	2.23	40
Phalodi	-	-	-	-
Pratapgarh	439.83	1,041.95	-	-
Rajsamand	1,196.24	-	1.63	41
Salumbar	-	-	-	-
Sawai Madhopur	1,256.67	-	2.3	93
Sikar	1,098.34	1,380.09	-	6.5
Sirohi	1,147.25	452.18	2.13	69.5
Tonk	1,291.82	-	2.1	64
Udaipur	898.18	604.71	1.79	5.71

Agriculture

Thousand hectares. The crop report prints hectares; the master stores that figure divided by one thousand, which is the index unit. A dash on the report is not stored as zero. Rice is paddy. The state total on the report is not written onto a district. Khairtal-Tijara is the spelling on the 2024-25 report and is not joined.

Paddy, AG-001.

District	2004-06	2014-16	2019-21	2024-26
Ajmer	0.015	0.007	0.004	0.004
Alwar	0.127	0.266	0.044	0.054
Balotra	-	-	-	-
Banswara	33.252	29.244	26.549	24.815
Baran	1.838	18.482	14.535	41.417
Barmer	-	-	-	-
Beawar	-	-	-	-
Bharatpur	0.878	1.288	1.191	0.58
Bhilwara	0.207	0.515	0.628	2.555
Bikaner	0.007	0.008	-	-
Bundi	9.421	44.345	55.581	99.676
Chittorgarh	0.608	0.857	0.943	2.441
Churu	-	-	-	-
Dausa	-	-	-	-
Deeg	-	-	-	3.595
Dholpur	0.536	0.489	0.47	0.663
Didwana-Kuchaman	-	-	-	-
Dungarpur	27.161	17.681	14.966	14.54
Ganganagar	2.779	13.773	8.252	19.492
Hanumangarh	15.55	34.45	34.451	65.653
Jaipur	-	-	-	-
Jaisalmer	-	-	-	-
Jalore	-	-	-	-
Jhalawar	0.72	4.424	5.289	11.311
Jhunjhunu	-	-	-	-
Jodhpur	-	-	-	-
Karauli	1.84	1.867	2.261	1.434
Khairthal-Tijara	-	-	-	-
Kota	6.505	22.707	24.215	54.198
Kotputli-Behror	-	-	-	-
Nagaur	-	-	-	-
Pali	-	-	-	-
Phalodi	-	-	-	-
Pratapgarh	-	0.823	0.419	0.226
Rajsamand	0.105	0.029	0.008	0.001
Salumbar	-	-	-	0.073
Sawai Madhopur	0.027	1.632	2.829	7.502
Sikar	-	-	-	-
Sirohi	0.007	0.002	-	-
Tonk	-	0.001	-	0.039
Udaipur	6.175	4.864	3.824	3.616

Wheat, AG-002.

District	2004-06	2014-16	2019-21	2024-26
Ajmer	30.011	55.466	46.763	72.956
Alwar	180.515	215.678	144.47	100.855
Balotra	-	-	-	10.216
Banswara	85.835	82.693	124.214	120.254
Baran	85.963	163.267	124.484	206.797
Barmer	18.4	17.612	11.61	3.072

District	2004-06	2014-16	2019-21	2024-26
Beawar	-	-	-	53.312
Bharatpur	147.831	160.51	90.585	69.609
Bhilwara	123.813	139.795	123.985	183.066
Bikaner	52.898	113.183	103.903	140.19
Bundi	111.575	162.248	149.985	165.47
Chittorgarh	146.886	157.881	137.587	161.073
Churu	15.743	35.143	36.656	54.854
Dausa	75.948	102.485	68.201	84.861
Deeg	-	-	-	67.253
Dholpur	47.649	65.844	42.664	68.907
Didwana-Kuchaman	-	-	-	36.245
Dungarpur	40.855	46.988	66.396	78.736
Ganganagar	192.667	248.342	199.197	269.68
Hanumangarh	186.411	240.237	205.773	275.783
Jaipur	136.066	157.232	136.277	140.162
Jaisalmer	13.03	9.989	7.574	8.537
Jalore	43.35	52.182	34.484	53.897
Jhalawar	72.456	109.041	137.321	192.378
Jhunjhunu	68.35	86.553	74.091	76.364
Jodhpur	37.751	77.939	67.736	57.104
Karauli	53.423	89.193	65.602	85.756
Khairthal-Tijara	-	-	-	-
Kota	81.551	141.604	108.964	158.598
Kotputli-Behror	-	-	-	49.891
Nagaur	76.384	64.949	45.158	32.143
Pali	77.55	92.531	44.347	95.55
Phalodi	-	-	-	30.168
Pratapgarh	-	63.634	100.279	113.194
Rajsamand	36.704	32.458	28.741	49.758
Salumbar	-	-	-	43.474
Sawai Madhopur	42.351	85.337	62.57	77.965
Sikar	84.349	92.032	79.723	100.732
Sirohi	46.191	37.509	29.265	43.901
Tonk	63.43	69.184	37.868	61.353
Udaipur	88.904	80.41	103.621	93.983

Sugarcane, AG-003.

District	2004-06	2014-16	2019-21	2024-26
Ajmer	0.049	0.023	0.004	0.007
Alwar	0.127	0.025	0.004	0.001
Balotra	-	-	-	-
Banswara	0.287	0.05	0.036	0.02
Baran	0.062	0.013	0.001	0.005
Barmer	-	-	-	-
Beawar	-	-	-	-
Bharatpur	0.121	0.005	0.002	0.002
Bhilwara	0.2	0.028	0.048	0.024
Bikaner	0.001	0.002	0.001	0.001
Bundi	4.398	1.014	0.227	0.161
Chittorgarh	1.375	1.451	0.993	0.805
Churu	-	-	-	-
Dausa	0.003	0.001	-	-
Deeg	-	-	-	-
Dholpur	0.172	0.015	0.009	0.012
Didwana-Kuchaman	-	-	-	-
Dungarpur	0.188	0.016	0.028	0.024
Ganganagar	2.651	3.498	2.322	4.555

District	2004-06	2014-16	2019-21	2024-26
Hanumangarh	0.007	0.031	0.026	0.073
Jaipur	0.018	0.025	0.048	0.024
Jaisalmer	0.001	-	-	-
Jalore	-	-	-	-
Jhalawar	0.031	0.021	0.002	0.005
Jhunjhunu	-	-	-	-
Jodhpur	-	0.001	-	-
Karauli	0.128	0.017	0.01	0.01
Khairthal-Tijara	-	-	-	-
Kota	0.028	0.002	0.003	0.004
Kotputli-Behror	-	-	-	-
Nagaur	-	-	-	-
Pali	-	-	-	-
Phalodi	-	-	-	-
Pratapgarh	-	0.001	-	0.001
Rajsamand	0.373	0.315	0.175	0.191
Salumbar	-	-	-	0.008
Sawai Madhopur	0.075	0.016	0.005	0.001
Sikar	0.015	0.011	0.009	0.013
Sirohi	-	-	0.001	-
Tonk	0.097	0.042	0.02	0.02
Udaipur	0.49	0.231	0.272	0.09

What Stays Open

Each line is still open on the gap register. The closing file is named. The prohibition is the rule that stays in force while the line is open.

live_storage

Live storage joined to each reservoir

What would close it: Agency observation + exact identity What stays forbidden: Do not compute volume from waterspread

dam_reservoir_identity

Dam point is not automatically the reservoir

What would close it: Exact PIC / official ID What stays forbidden: No fuzzy name join

firka_or_block_gw_gis

Groundwater below district

What would close it: Authoritative polygons + join key What stays forbidden: Do not read district stage as a well

tank_cascade_gis

Cascade topology

What would close it: Authoritative GIS What stays forbidden: Do not draw from a tank count

village_pond_gis

Village pond / traditional drinking storage as points

What would close it: Authoritative inventory + geometry What stays forbidden: Counts are not a map

drinking_litres

Volume delivered, not tap listings

What would close it: Utility / scheme volume What stays forbidden: A connection listing is not litres

polluted_stretch_gis

Quality as a stretch

What would close it: Authoritative stretch geometry What stays forbidden: Do not paint the whole river red from a name

floodplain_gis

Floodplain geography

What would close it: Authoritative floodplain What stays forbidden: Stage is not a flood map

watershed_polygons

Sub-basin / watershed polygons

What would close it: Official polygons What stays forbidden: Tables are not polygons

industrial_withdrawal

District industrial demand in cubic metres

What would close it: Permitted / metered series What stays forbidden: Not from an 'industrial' cluster name

e_flow

Ecological water requirement

What would close it: Coded allocation or measured e-flow What stays forbidden: Not from forest cover

food_destination

Procurement, movement, consumption, nutrition

What would close it: Separate food accounts What stays forbidden: Production is not food security

virtual_water

Physical export and virtual water

What would close it: Separate water accounts What stays forbidden: Do not calculate from crop residuals

causation

Whether a listed work caused a change

What would close it: Documented attribution at that geography What stays forbidden: Infrastructure listed is not impact

time_film

T - 20 / T - 10 / T - 5 maps

What would close it: Observed vintages What stays forbidden: Do not copy T0 into the past

post_2023_district_geometry

Balotra, Beawar, Deeg, Didwana-Kuchaman, Khairthal-Tijara, Kotputli-Behror, Phalodi and Salumbar have no polygon in the NWIC / SOI extract

What would close it: An official boundary file that contains these eight districts as their own polygons What stays forbidden: Do not paint a neighbouring district as one of these eight

crop_x_groundwater

Crop by groundwater, district by district

What would close it: A real district matrix What stays forbidden: Do not invent the matrix

gwra_2025_eight_districts

Balotra, Beawar, Deeg, Didwana-Kuchaman, Khairthal-Tijara, Kotputli-Behror, Phalodi and Salumbar have no row in the 33-district Annexure II table and no station file.

What would close it: An official table that names these eight districts What stays forbidden: Do not split a printed district onto one of these eight

gwra_2025_components

Monsoon split, natural discharge, sector extraction, domestic allocation and future availability are parked in related-source. They have no parameter-index code.

What would close it: An index code for that component What stays forbidden: Do not invent an index code to make the cell load

lus_2024_statewide

Land Use Statistics 2024-25 is a Rajasthan state total in thousand hectares. It is not on a district row.

What would close it: A district land-use table with the register names What stays forbidden: Do not split the state total onto districts

gwq_years_without_slot

Positive TDS samples in 2017, 2018, 2019, 2022 and 2023 have no vintage column. They are not blended into 2016 or 2021.

What would close it: A vintage column for that year What stays forbidden: Do not average two years into one slot

gwq_eight_districts

Balotra, Beawar, Deeg, Didwana-Kuchaman, Khairthal-Tijara, Kotputli-Behror, Phalodi and Salumbar are not in the quality file.

What would close it: A file whose district LGD codes include these eight What stays forbidden: Do not give them a neighbour's mean

gwq_tds_not_a_concentration

Alwar station RAMGARH1 on 25-05-2016 is printed as 2353897 mg/L. That is not a concentration and is not in the 2016 mean.

What would close it: A corrected value for that station, or a source note that the cell is void What stays forbidden: Do not average that cell into the district

gwl_years_without_slot

January, August and the years outside 2006, 2016 and 2021 stay in the related workbook. 2022 and 2023 are not the current vintage.

What would close it: A vintage column for that quarter What stays forbidden: Do not average two years into one slot

gwl_eight_districts

Balotra, Beawar, Deeg, Didwana-Kuchaman, Khairthal-Tijara, Kotputli-Behror, Phalodi and Salumbar are not in the level file.

What would close it: A file whose district LGD codes include these eight What stays forbidden: Do not give them a neighbour's mean

gwl_negative_or_zero

Twelve level readings are zero or negative. They are not metres below ground and are not in the mean.

What would close it: A source note for each of those readings What stays forbidden: Do not treat a negative reading as a depth

rain_eight_districts

Balotra, Beawar, Deeg, Didwana-Kuchaman, Khairthal-Tijara, Kotputli-Behror, Phalodi and Salumbar are not in the rainfall file.

What would close it: A rainfall file whose district LGD codes include these eight What stays forbidden: Do not give them a neighbour's rainfall

bulk_saved_no_index_code

Discharge, surface chemistry, sample temperature and the monthly level file are saved under related-source/bulk-rj. They are not on a district row.

What would close it: An index code whose unit is the unit printed in that file What stays forbidden: Do not invent a parameter code

des_crop_names_not_joined

DES crop names that are not the register letters. 2006-2007: not joined none; register without a row Balotra, Beawar, Deeg, Didwana-Kuchaman, Khairthal-Tijara, Kotputli-Behror, Phalodi, Pratapgarh, Salumbar. 2016-2017: not joined none; register without a row Balotra, Beawar, Deeg, Didwana-Kuchaman, Khairthal-Tijara, Kotputli-Behror, Phalodi, Salumbar. 2021-2022: not joined none; register without a row Balotra, Beawar, Deeg, Didwana-Kuchaman, Khairthal-Tijara, Kotputli-Behror, Phalodi, Salumbar. 2024-2025: not joined Khairtal-Tijara; register without a row Khairthal-Tijara. The state total is not split onto them.

What would close it: An official table whose district name matches the register letter for letter What stays forbidden: Do not assign a parent district, and do not invent the eight new districts from a neighbour

bod_districts_without_station

Fourteen register districts have no 2021 BOD station, including the eight districts absent from this file.

What would close it: A 2021 BOD file that names those districts with two or more stations What stays forbidden: Do not copy a neighbour's BOD onto a district with no station

bod_other_vintages_empty

2006, 2016 and 2024 have no BOD district mean in the CPCB biological files.

What would close it: A BOD year inside 2004-06, 2014-16, or 2024-26 with two stations per district What stays forbidden: Do not put 2018 or 2021 into a vintage it does not fit

bod_cod_column_empty

The chemical oxygen demand column in the CPCB biological files has no number.

What would close it: A COD column with readings What stays forbidden: Do not copy BOD into the COD code

coli_districts_without_station

Ganganagar, Hanumangarh, Jaisalmer, Jalore, Nagaur and Pratapgarh have no 2021 fecal-coliform station. The eight newer districts are also absent from this file.

What would close it: A 2021 fecal-coliform file that names those districts with two or more stations What stays forbidden: Do not copy a neighbour's coliform onto a district with no station

coli_other_vintages_empty

2006 and 2016 have no fecal-coliform reading. 2018 has readings and no vintage slot. 2019 and 2020 have readings. 2021 is the latest year inside 2019-21. 2024 has no reading.

What would close it: A fecal-coliform year inside 2004-06, 2014-16, or 2024-26 with two stations per district What stays forbidden: Do not put 2018, 2019, or 2020 into the 2021 cell

coli_total_not_indexed

Total coliform has 2021 readings. The index has one coliform code, and that code is the fecal-coliform station mean.

What would close it: A separate index code for total coliform What stays forbidden: Do not copy total coliform onto the fecal-coliform code

rain_2006_pratapgarh

Pratapgarh has no 2006 rainfall station in the rainy-day file. Sirohi 2006 is written from its one station.

What would close it: A 2006 rainy-day file that names Pratapgarh with a station What stays forbidden: Do not copy a neighbour's 2006 rain onto Pratapgarh

How Completeness Is Counted

The 72 percent figure is not a summary slogan. It is filled cells divided by eligible cells on the frozen Schemia.

Eligible series are only the parameter codes that already have at least one master row for Rajasthan. Codes that were never loaded are outside the denominator. Applicability Y/N/P does not add or remove cells. A domain coded Y with no joined series contributes nothing to this count.

For each loaded code, every one of the 41 register districts is counted. GWRA 2025 codes count the current vintage only. River BOD, river BOD repeat code and fecal coliform count the 2019-21 vintage only. All other loaded codes count four vintages: 2004-06, 2014-16, 2019-21 and 2024-26. A district with no master row for that code still adds empty eligible cells.

Filled means the vintage cell on MASTER DATA is not blank. A printed zero counts as filled. A dash that was never written stays empty. On this cut: 1,628 filled / 2,255 eligible = 72 percent, rounded. Pending to a 90 percent data bar is 18 percentage points. The release checklist that counts the locked upload is a different account.

The Close

The volume can say this. Forty-one districts are on the register. Thirty-three are drawn. Eight are named and are not drawn. Six tracts sum to forty-one, and none of them holds a figure. Six cities are nodes, and none of them holds a figure. Where a source printed a number and the name matched, the number is in the tables above. Where it did not, the cell is blank.

Data completeness on the frozen cut is 72 percent: 1,628 filled cells of 2,255 eligible cells. The calculation is set out in How Completeness Is Counted. That is 18 percentage points under a 90 percent data bar. The release checklist, which counts a locked upload and this book together with the page, is a different account.

What this volume will not do is fill the blank by a neighbour, by a dash turned into zero, or by painting one district as another. Chittorgarh, Dholpur and Jalore carry their Annexure II groundwater-resource cells under the register spellings. Khairthal-Tijara keeps its empty crop cells. The eight newer districts stay empty where no file names them. Crop by groundwater remains open.

References

Central Ground Water Board. National Compilation on Dynamic Ground Water Resources of India, 2025. Annexure II, Rajasthan. Hectare-metre and stage. https://cgwb.gov.in/GWRA/GWRA_2025.pdf

NWIC National Water Data Portal. CGWB groundwater level, manual quarterly, Rajasthan, and the Rajasthan Ground Water Department monthly and quarterly level files. Metres below ground. May and November only.

NWIC National Water Data Portal. CGWB groundwater chemical parameters, Rajasthan. Total dissolved solids, milligrams per litre. 2016 and 2021 district means.

Central Pollution Control Board, manual biological surface-water file, Rajasthan, via NWIC. Biochemical oxygen demand and fecal coliform for 2021. Chemical oxygen demand column empty.

Directorate of Economics and Statistics. Area under crops, Rajasthan, state code 8. Crop years 2006-07, 2016-17, 2021-22 and 2024-25. Rice, wheat and sugarcane, converted to thousand hectares.

NWIC district boundary, Survey of India, state RJ, 33 polygons. Local Government Directory district codes for the eight districts are identity, not a boundary.

Source spot-check, 30 October 2026: assessment-table stages and May 2024 depths for Jaipur, Jodhpur, Jaisalmer, Nagaur, Bikaner, Kota and Banswara match MASTER DATA; state Ham total 1,287,008.1 and stage 147.11 match parked Annexure II; Chittorgarh recharge 34,798.2, Ajmer rain 814.4 and Jaipur BOD 3.27 match the spine. This is a spot-check against the parked Schemia sources, not an independent re-certification of every NWIC download.