INDIA WATER SYSTEMS ATLAS

GUJARAT

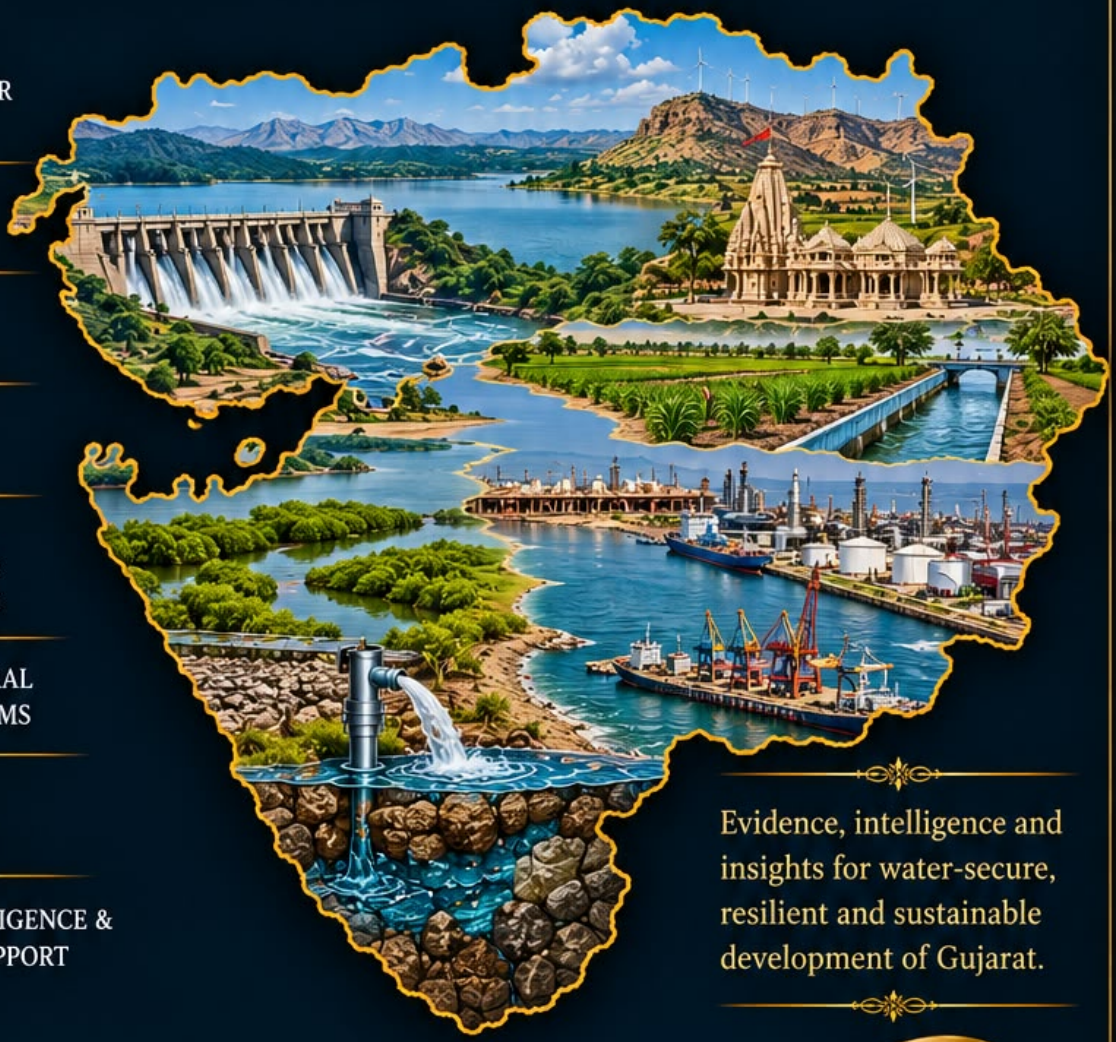
— GROUNDWATER + SURFACE WATER —

ABRIDGED VOLUME

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

Water outcome = Geomorphology × Soil × Lithology

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



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

OPXL Consulting • Akhsheya Group • Chennai

G.L. Sudhakar
WATER INTELLIGENCE
WATER SYSTEMS

Edition T0 — October 2026

EDITION

How to hold this volume

This is the abridged Gujarat volume of the India Water Systems Atlas. The cover is the Gujarat plate made for this edition. The reading inside follows the same discipline as the Tamil Nadu, Uttar Pradesh and Karnataka volumes: a proposition, a method, the printed accounts, a district register, and a close that leaves a gap where the record leaves a gap.

The spine is **Gujarat_Water_Schemia_V1.0_FINAL.xlsx**, frozen under **GJ_SCHEMIA_FROZEN.lock**. Twenty-eight workstreams are averaged with equal weight. Their credits sum to 2,106.4. Divided by 28, and rounded to one decimal, the **evidence-acquisition index** is **75.2 percent**. That index measures how complete the assembled evidence is against the declared workstream denominators. It is **not** a measure of Gujarat’s water-system performance, security, or stage of development. The Tamil Nadu volume is the series reference for a gold pack with declared empties kept honest; that bar is set at **90 percent** acquisition readiness, not at filled hydrology. The distance to that bar is **14.8 percentage points**.

Acceptance remains **CONFIGURED — EVIDENCE ACQUISITION INCOMPLETE**. The gate remains blocked. Crop by groundwater remains open, because no printed matrix joins a crop to a water source. Freeze does not close those gaps. This file is the book. It is not a ship archive, and it is not the atlas site.

Units stay as they were printed. A hectare-metre is not rewritten as a million cubic metres in the tables. A million litres of 2017–18 supply is not subtracted from a 2025 groundwater account. A lakh-litre tank is installed capacity. A design storage is not a present storage. A whole-basin area is not a Gujarat share. A blank cell is an em dash, not a zero. A printed zero stays zero.

Where two official spellings differ, both are kept. Case may be ignored, and a hyphen may be read as a space in the same words. A space is not inserted, and a near spelling is not treated as the same place. Ahmedabad and Ahmadabad can meet. Sabarkantha and Sabar Kantha cannot. Mahesana and Mehsana cannot. Arvalli and Aravalli cannot.

CONTENTS

Contents

The proposition	4
How this volume is built	5
What the printed record refuses to join	7
2024–2025 unit crosswalk — 252 / 208 / 44	9
Geography drawn from the stored GIS	11
Four resource regions, and a different storage map	15
The 2025 groundwater account	17
The 2024 account, kept beside it	19
Levels, stations, and rainfall	21
Basins that are not a Gujarat share	23
Storage on two dates	24
Narmada water that was used	27
People, and the supply that is not a demand	28
Livestock as a headcount	31
Agriculture in hectares	34
Towns, industry, and installed tanks	36
Wastewater and reuse	38
The coast	39
Samples, wetlands, and water bodies	40
The balance sheet that leaves a blank	43
Programmes that are not the whole district	44
Geometry, provenance, and the gate	45
The district register	46
Assessment units, 2025	80
Assessment units, 2024	87
Taluka account, 2023	93
Schemes on 12 June 2019	99
Sources	104
The close	107

Page numbers follow the sheet. The cover is the first sheet and carries no number in the text.

The proposition

Gujarat is not one water condition wearing one name. The same state file that prints a groundwater stage of 55.95 percent also prints a district stage above 100, a district stage under 30, a storage bulletin that skips districts, and a Narmada year that is a utilisation account rather than a river gauge. Read as a state average, the place looks manageable. Read as the printed rows, it is several water systems sharing a boundary.

The sentence on the cover is the rule of the series. Rainfall is an input. Water availability is an outcome of land, soil, rock, storage, transfer and use. This volume does not multiply those into a new score. It sets the printed inputs beside the printed outcomes and stops where a column was never printed.

Three failures of reading recur, and they are the reason the index stops at 75.2 percent rather than at the 90 percent bar.

A programme hectare is read as the district. Watershed works are real and they are loaded. They describe project land. They do not describe the cultivated area of the district, which is already held, in hectares, on the land-use table. Treating the project as the district would counterfeit a coverage the department did not print.

A supply of one year is read as this year’s demand. The Water Supply Department printed, for 2017–18, the million litres it supplied, split by Narmada, other surface water and groundwater, and again by rural use, urban use and industry. That is a supply. Domestic demand in cubic metres, for the current year, for all 33 districts, is not in the spine. Livestock is a headcount. A crop area is a hectare. None of those is a water requirement, and none is subtracted from the 2025 groundwater table.

A design, an allocation, or a whole basin is read as water in the district today. Sardar Sarovar’s design gross storage of 9,460 MCM is not the water stored on 13 May 2025 in a district that has no bulletin row. Narmada’s basin area of 98,796 square kilometres is the basin, shared in the printed state list with Madhya Pradesh, Chhattisgarh and Maharashtra. The utilisable flow of that whole basin is not Gujarat’s use. An allocation in million acre-feet is not a measured release.

What the record does support is a plain account. In 2025 the state extractable groundwater resource is printed as 25.61 billion cubic metres, extraction as 14.33, and the stage as 55.95 percent. The same year’s district rows carry the hectare-metre parts. On 13 May 2025 a department bulletin prints present storage for 27 district names. In 2023–24 a conference presentation of the Sardar Sarovar Nigam prints a utilisation of 14,445 MCM, and shows which lines sit inside that total and which lines do not. Those are the bones of the book. The flesh is the district row, under the spelling the source used.

02 / METHOD

How this volume is built

The Tamil Nadu volume is built as a national frame, a peninsular frame, and then the state. The Uttar Pradesh volume is built as a proposition, a method, nodes, clusters, and a verdict that will not let one grade hide the rest. The Karnataka volume is built as five hydrogeological clusters, a district register, and a freeze that keeps its empties on the page. Gujarat takes that architecture and fills it only with what the Gujarat spine holds.

There is no separate node score for a city. A city appears when a district row, a plant register, or a named dam prints it. There is no invented cluster membership. The groupings in the next chapter are the groupings the departments already printed, and they are not forced into one list.

The index is an equal-weighted average of 28 workstreams. GJ-AT-023 is not in the set. The credits below are the values in sheet 55 of the final workbook. A credit of 100 means the declared denominator for that workstream was met. It does not mean every imaginable column exists. A lower credit is the distance still printed as open. Read each row as: workstream, the basis/denominator printed in the Schemia credit note, and the awarded credit. This remains an evidence-acquisition score. It is not a water-performance grade for Gujarat.

ID	Workstream	Denominator / basis (Schemia note)	Credit
GJ-AT-001	Geography and assessment-unit roster	India-WRIS 2025 layer: 253 polygons where the state is GJ. 227 of 252 printed assessment units match on the printed district and the printed block. Recharge,...	90.1
GJ-AT-002	GWRA 2024 numeric groundwater	Measured 245/252 assessment units from the official 2024 state PDF. Each loaded unit passed the printed recharge, extractable, extraction, future and stage i...	97.2
GJ-AT-003	GWRA 2025 numeric groundwater	Measured 252/252 assessment units from the official 2025 state PDF. Sums match the printed district total within 0.05 ha-m. Conditional until visual sign-off.	100
GJ-AT-004	2024–2025 unit crosswalk	Measured 208/252 exact pairs. The pair is the printed district and the printed unit, compared after case is ignored. Anand/Ananad, Aravali/Arvalli, Chhota Ud...	82.5
GJ-AT-005	Groundwater-level observations	Quarterly manual series fully loaded: 46426 readings, 975 stations, 1991-2019, 32 districts. Gir Somnath is absent from that file. Six-hourly telemetry fully...	100
GJ-AT-006	Groundwater monitoring network	Station roster from the two official files: 2604 telemetry stations and 975 quarterly stations, with the printed coordinates. Telemetry districts: 34. Dohad ...	100
GJ-AT-007	Rainfall station inventory	Station coordinates from the three official manual-daily rainfall files: 606/607 stations have a printed latitude. The daily readings are already parsed.	99.8
GJ-AT-008	Daily rainfall and climatology	Three official manual-daily files fully parsed: 456402 + 472486 + 7302 readings, 33 districts, 1961 through 19 Oct 2022. 18138 station-year sums are in the w...	100
GJ-AT-009	Surface water, rivers and catchments	State discharge files remain loaded. India-WRIS adds the six basins whose printed state list includes Gujarat: Sabarmati, Mahi, Narmada, Tapi, the west-flowi...	85
GJ-AT-010	Reservoirs, dams and storage	Official district storage bulletin for 13 May 2025 remains 27/33 districts. India-WRIS adds design gross storage for 525 dams. Ukai Dam is 7414.29 MCM and Sa...	81.8
GJ-AT-011	Human demand and domestic supply	JJM 2024 remains 33/33 districts, and statement 16.1 remains the village water-supply table. Statement 1.3 remains Census 2011 population for 33/33 districts...	95
GJ-AT-012	Livestock demand	2019 milch cows and buffaloes, one printed count, cover 33/33 districts and sum to 9534098. 2012 covers the 26 districts that existed and sums to 8819021. Se...	70
GJ-AT-013	Agriculture and irrigation	DES crop table remains 16,378 valued rows. Source-wise irrigated area for 2023-24 is loaded for 33/33 districts, net and gross. Private canal is blank on eve...	100

ID	Workstream	Denominator / basis (Schemia note)	Credit
GJ-AT-014	Industry and urban water	Industrial groundwater extraction remains loaded for 252/252 units in the 2025 assessment. Annexure 12 adds urban supply and industry supply for 33/33 distri...	75
GJ-AT-015	Wastewater and treated-water reuse	March 2026 Annexure I(A) remains 220 existing plants. Capacity sums to the printed 6209.71 MLD and utilization to the printed 4356.929 MLD. Fourteen utilizat...	90
GJ-AT-016	Desalination and coastal supply	Candidate asset records only; capacity/operation QA pending.	25
GJ-AT-017	Transfers and conveyance	Annexure 11 gives the Narmada portion of water supplied for 33/33 districts in 2017-18, in million litres. The printed source total is 620675.30 ML. This is ...	60
GJ-AT-018	Water quality	Chemical sample rows loaded: 17081. Agencies: CWC surface water, CPCB surface water, CGWB groundwater. Daman and Diu rows excluded: 182. Biological and physi...	100
GJ-AT-019	Ecology and environmental flows	Environmental flow remains on the 234 numeric GWRA 2023 rows. Twelve salinity rows still have no figure. Table 5 remains the 25 district wetland areas, summi...	85
GJ-AT-020	Integrated water balance	GWRA 2025 Table 14 is the district groundwater account for 33/33 districts. Irrigation, industrial and domestic extraction sum to each printed district total...	40
GJ-AT-021	GIS geometry and spatial integration	33 Survey of India district polygons are clipped from the NWIC boundary where the state attribute is GJ and joined by LGD code. The Survey of India spelling ...	75
GJ-AT-022	Evidence provenance and QA	Source/evidence/QA registers exist; verification remains incomplete.	50
GJ-AT-024	Historical GWRA 2023 controls	Annexure II loaded for 33/33 districts: 246 taluka rows, 234 numeric. Each numeric row matches recharge parts, extractable, extraction, future availability a...	100
GJ-AT-025	District rainfall controls — 2024	Statement 3.1: 33/33 districts, annual average rainfall in millimetres, 2017 through 2024. 2017 and 2018 are 1 June to 31 October. 2019 through 2024 are 1 Ju...	100
GJ-AT-026	WDC-PMKSY watershed project land/irrigation status	32 listed project-area rows × 19 attributes; source-text captured, official export/semantic QA pending; not district-wide coverage.	25
GJ-AT-027	WDC-PMKSY additional irrigation area	160 programme annual values; export QA pending; not total district irrigation.	25
GJ-AT-028	WDC-PMKSY farmers benefited	160 programme beneficiary values; source version dated 12-Aug-2026; export QA pending.	25
GJ-AT-029	WDC-PMKSY water harvesting structures	160 programme structure-count values across 2022-23–2026-27; 2026-27 partial; direct export QA pending.	30

Source of the credits: sheet 55_ATLAS_TOTAL_ACQUISITION in the final Schemia. Sum 2,106.4 ÷ 28 = 75.228…, rounded to 75.2. Each basis column is the Schemia credit note for that workstream — the reader can reproduce the award against that note. The Tamil Nadu 90% bar is the series gold for acquisition with declared empties; it is the comparison used for pending percentage points.

Evidence is taken in the order the series uses. A department table, a census file, or a statutory compilation comes before a news report. A news report can point at a file. It does not become the headline figure. Where two official values disagree, both are kept under their own names. The lower is not silently chosen, and the higher is not silently chosen.

The early gap register in the workbook still describes an older extraction, in which most 2025 assessment units were pending. Later sheets closed the 2025 unit table: 252 of 252. This volume follows the later sheets and the credit notes, and it does not revive a gap that the unit table has since filled. Gaps that the later sheets still name — demand in cubic metres, an integrated residual, present storage for every district name, an operating desalination return, district-wide watershed land — stay open.

What the printed record refuses to join

A water account is only as good as the name it is willing to leave unmatched. Gujarat’s districts were reorganised. The same land appears as Dohad and Dahod, Dang and The Dangs, Kutch and Kachchh, Ahmadabad and Ahmedabad, Banas Kantha and Banaskantha, Panch Mahals and Panchmahal. Some of those pairs are the same words in another case. Some are not. This book joins only the first kind.

Survey of India names are stored beside the land-use name of the same local-government code. The code is the join. The spelling is not corrected.

Survey of India name	LGD code	Land-use name of the same code
Ahmadabad	438	Ahmedabad
Amreli	439	Amreli
Anand	440	Anand
Banas Kantha	441	Banas Kantha
Bharuch	442	Bharuch
Bhavnagar	443	Bhavnagar
Dang	444	Dangs
Dohad	445	Dahod
Gandhinagar	446	Gandhinagar
Jamnagar	447	Jamnagar
Junagadh	448	Junagadh
Kachchh	449	Kachchh
Kheda	450	Kheda
Mahesana	451	Mahesana
Narmada	452	Narmada
Navsari	453	Navsari
Panch Mahals	454	Panch Mahals
Patan	455	Patan
Porbandar	456	Porbandar
Rajkot	457	Rajkot
Sabar Kantha	458	Sabar Kantha
Surat	459	Surat
Surendranagar	460	Surendranagar
Vadodara	461	Vadodara
Valsad	462	Valsad
Tapi	641	Tapi
Chhotaudepur	668	Chhotaudepur
Mahisagar	669	Mahisagar
Arvalli	672	Arvalli
Morbi	673	Morbi
Devbhumi Dwarka	674	Devbhumi Dwarka
Gir Somnath	675	Gir Somnath
Botad	676	Botad

Survey of India district polygons for the state, joined by local-government code. Both spellings are kept. The geographic plates in chapter 03B redraw those polygons.

CROSSWALK RECONCILIATION (2024–2025 assessment units). Total pairs on the 2025 unit table: **252**. Exact pairs on printed district + printed unit (case ignored): **208**. Unmatched: **44**. Credit GJ-AT-004 is 208/252 = 82.5. The four named district spelling examples (Anand/Ananad, Aravali/Arvalli, Chhota Udepur/Chhotaudepur, Junagarh/Junagadh) are district cohorts inside those 44 — they are not the whole 44. The table that follows gives every unmatched 2025 row and its reason. Nothing is repaired by fuzzy join.

Two department supply rows of 2017–18 stay off the groundwater district they might be thought to belong to. The sheet prints Chhotaudepur and Mehsana. The groundwater sheet prints other words. Those supply rows are given later, under the words the department used.

2024–2025 unit crosswalk — 252 / 208 / 44

Reconciliation against sheets 70_GWRA_2025_UNITS and 74_GWRA_2024_UNITS. Exact match ignores case only.

Total pairs **252**. Matched exact **208**. Unmatched **44** — district spelling cohort 27; unit spacing or token 10; 2024 unit unloaded 7; other 0.

District 2025	Unit 2025	District 2024	Unit 2024	Reason unmatched
Anand	ANAND	ANANAD	ANAND	District spelling cohort (exact unit words; district spelling differs)
Anand	ANKLAV	ANANAD	ANKLAV	District spelling cohort (exact unit words; district spelling differs)
Anand	BORSAD	ANANAD	BORSAD	District spelling cohort (exact unit words; district spelling differs)
Anand	KHAMBHAT	ANANAD	KHAMBHAT	District spelling cohort (exact unit words; district spelling differs)
Anand	PETLAD	ANANAD	PETLAD	District spelling cohort (exact unit words; district spelling differs)
Anand	SOJITRA	ANANAD	SOJITRA	District spelling cohort (exact unit words; district spelling differs)
Anand	TARAPUR	ANANAD	TARAPUR	District spelling cohort (exact unit words; district spelling differs)
Anand	UMRETH	ANANAD	UMRETH	District spelling cohort (exact unit words; district spelling differs)
Aravali	BAYAD	ARVALLI	BAYAD	District spelling cohort (exact unit words; district spelling differs)
Aravali	BHILODA	ARVALLI	BHILODA	District spelling cohort (exact unit words; district spelling differs)
Aravali	DHANSURA	ARVALLI	DHANSURA	District spelling cohort (exact unit words; district spelling differs)
Aravali	MALPUR	ARVALLI	MALPUR	District spelling cohort (exact unit words; district spelling differs)
Aravali	MEGHRAJ	ARVALLI	MEGHRAJ	District spelling cohort (exact unit words; district spelling differs)
Aravali	MODASA	ARVALLI	MODASA	District spelling cohort (exact unit words; district spelling differs)
Chhota Udepur	BODELI	CHHOTAUDEPUR	BODELI	District spelling cohort (exact unit words; district spelling differs)
Chhota Udepur	KAVANT	CHHOTAUDEPUR	KAVANT	District spelling cohort (exact unit words; district spelling differs)
Chhota Udepur	NASVADI	CHHOTAUDEPUR	NASVADI	District spelling cohort (exact unit words; district spelling differs)
Chhota Udepur	SANKHEDA	CHHOTAUDEPUR	SANKHEDA	District spelling cohort (exact unit words; district spelling differs)
Junagarh	BHESAN	JUNAGADH	BHESAN	District spelling cohort (exact unit words; district spelling differs)
Junagarh	JUNAGADH CITY & JUNA	JUNAGADH	JUNAGADH CITY & JUNA	District spelling cohort (exact unit words; district spelling differs)
Junagarh	KESHOD	JUNAGADH	KESHOD	District spelling cohort (exact unit words; district spelling differs)

District 2025	Unit 2025	District 2024	Unit 2024	Reason unmatched
Junagarh	MALIA	JUNAGADH	MALIA	District spelling cohort (exact unit words; district spelling differs)
Junagarh	MANAVADAR	JUNAGADH	MANAVADAR	District spelling cohort (exact unit words; district spelling differs)
Junagarh	MANGROL	JUNAGADH	MANGROL	District spelling cohort (exact unit words; district spelling differs)
Junagarh	MENDARDA	JUNAGADH	MENDARDA	District spelling cohort (exact unit words; district spelling differs)
Junagarh	VANTHALI	JUNAGADH	VANTHALI	District spelling cohort (exact unit words; district spelling differs)
Junagarh	VISAVADAR	JUNAGADH	VISAVADAR	District spelling cohort (exact unit words; district spelling differs)
Amreli	SAVARKUNDLA	AMRELI	SAVAR KUNDLA	Unit spacing or token join refused (not exact printed pair)
Chhota Udepur	CHHOTAUDAIPUR	CHHOTAUDEPUR	CHHOTA UDAIPUR	Unit spacing or token join refused (not exact printed pair)
Chhota Udepur	JETPURPAVI	CHHOTAUDEPUR	JETPUR PAVI	Unit spacing or token join refused (not exact printed pair)
Dahod	DEVGADHBARIA	DAHOD	DEVGADH BARIA	Unit spacing or token join refused (not exact printed pair)
Gir Somnath	GIRGADHDA	GIR SOMNATH	GIR GADHDA	Unit spacing or token join refused (not exact printed pair)
Panchmahal	MORWAHADAF	PANCHMAHAL	MORWA HADAF	Unit spacing or token join refused (not exact printed pair)
Patan	SARSVATI(P ATAN)	PATAN	SARSVATI(PATAN)	Unit spacing or token join refused (not exact printed pair)
Rajkot	KOTADASANGANI	RAJKOT	KOTADA SANGANI	Unit spacing or token join refused (not exact printed pair)
Rajkot	RAJKOTURBAN	RAJKOT	RAJKOT URBAN	Unit spacing or token join refused (not exact printed pair)
Vadodara	VADODAR A URBAN	VADODARA	VADODARAUR-BAN	Unit spacing or token join refused (not exact printed pair)
Bharuch	VALIA	—	—	2024 unit not loaded (digit/category split on the 2024 page)
Morbi	HALVAD	—	—	2024 unit not loaded (digit/category split on the 2024 page)
Surat	SURAT URBAN	—	—	2024 unit not loaded (digit/category split on the 2024 page)
Tapi	SONGADH	—	—	2024 unit not loaded (digit/category split on the 2024 page)
Vadodara	KARJAN	—	—	2024 unit not loaded (digit/category split on the 2024 page)
Valsad	DHARAMPUR	—	—	2024 unit not loaded (digit/category split on the 2024 page)
Valsad	VALSAD	—	—	2024 unit not loaded (digit/category split on the 2024 page)

Pair = printed district + printed assessment unit after case fold. Credit GJ-AT-004 is 208/252 = 82.5. The four named spelling examples are district cohorts, not the full 44.

Geography drawn from the stored GIS

The cover collage is not a geographic product. The plates below use the Survey of India / NWIC district polygons and the India-WRIS basin polygons stored with this spine. Dam point GIS is not in the load, so the fourth plate is present-storage bulletin coverage by district, not invented reservoir dots.

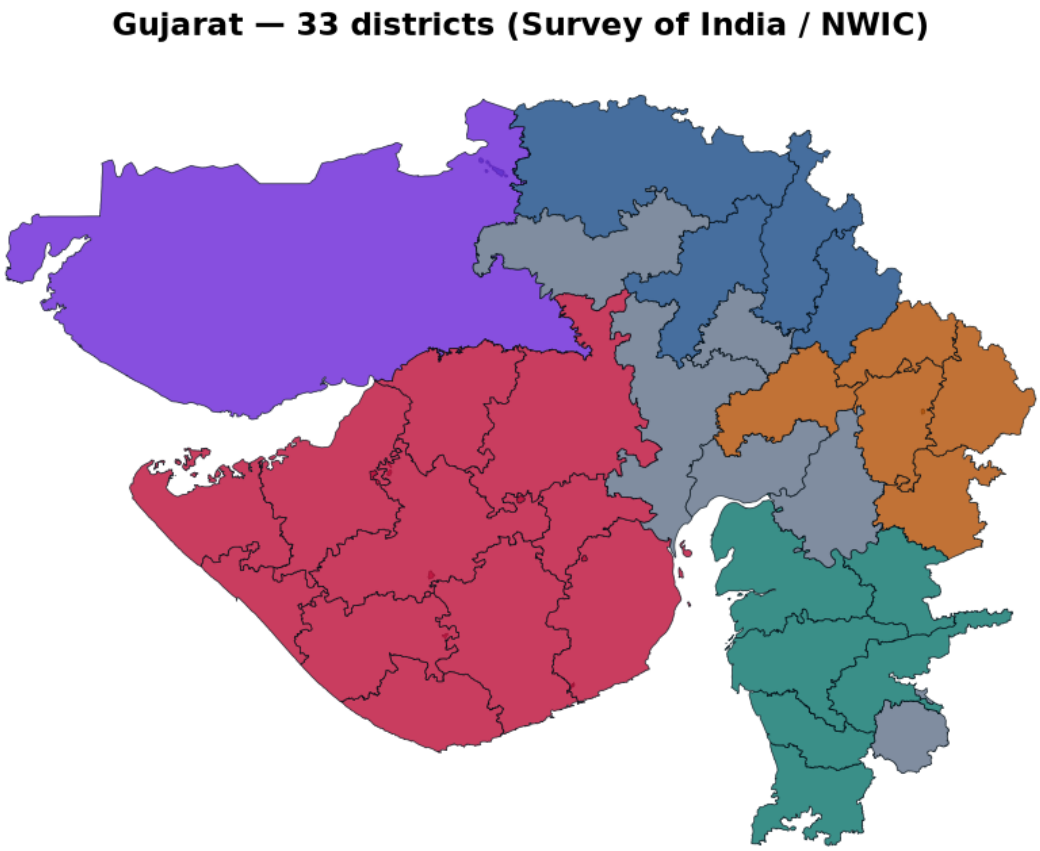
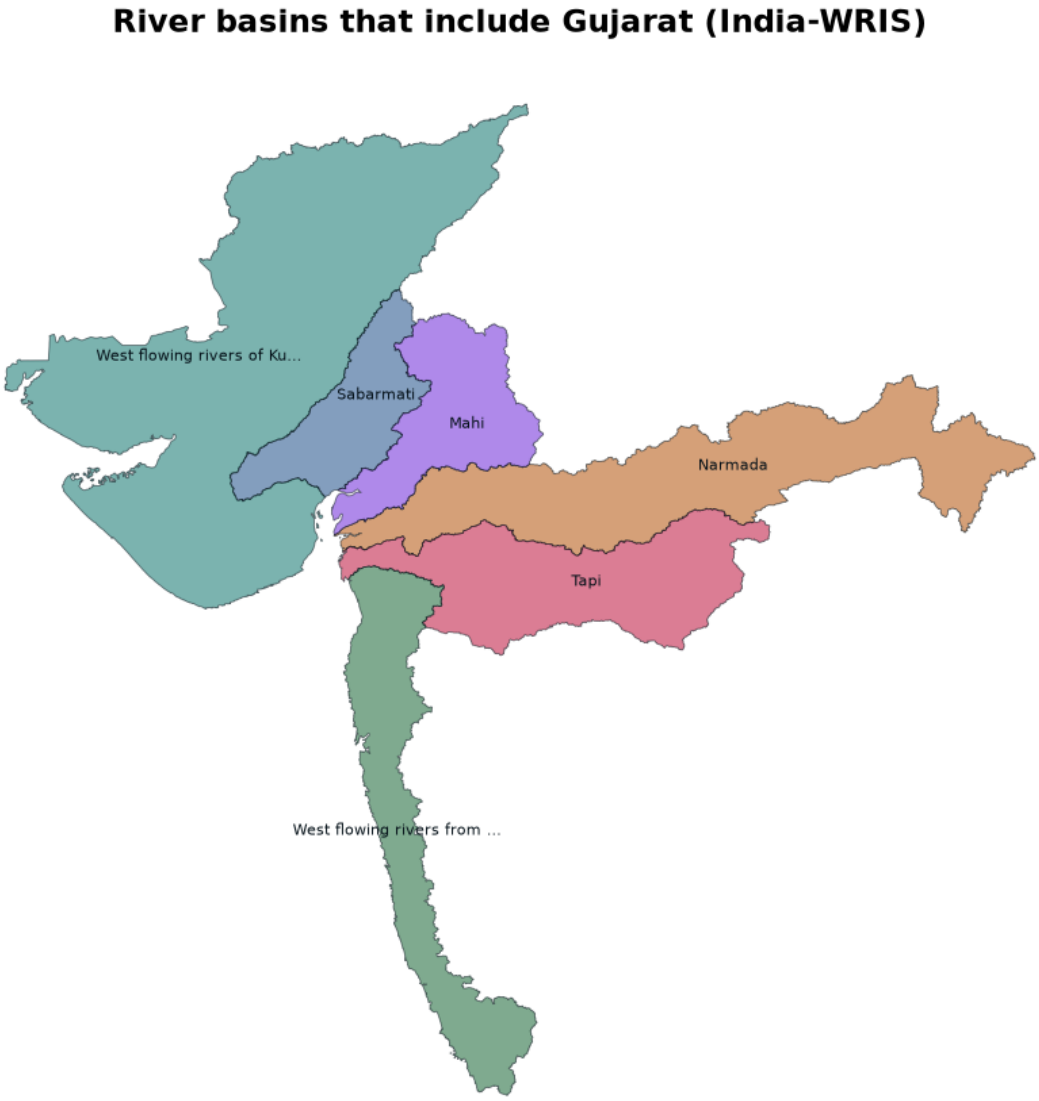
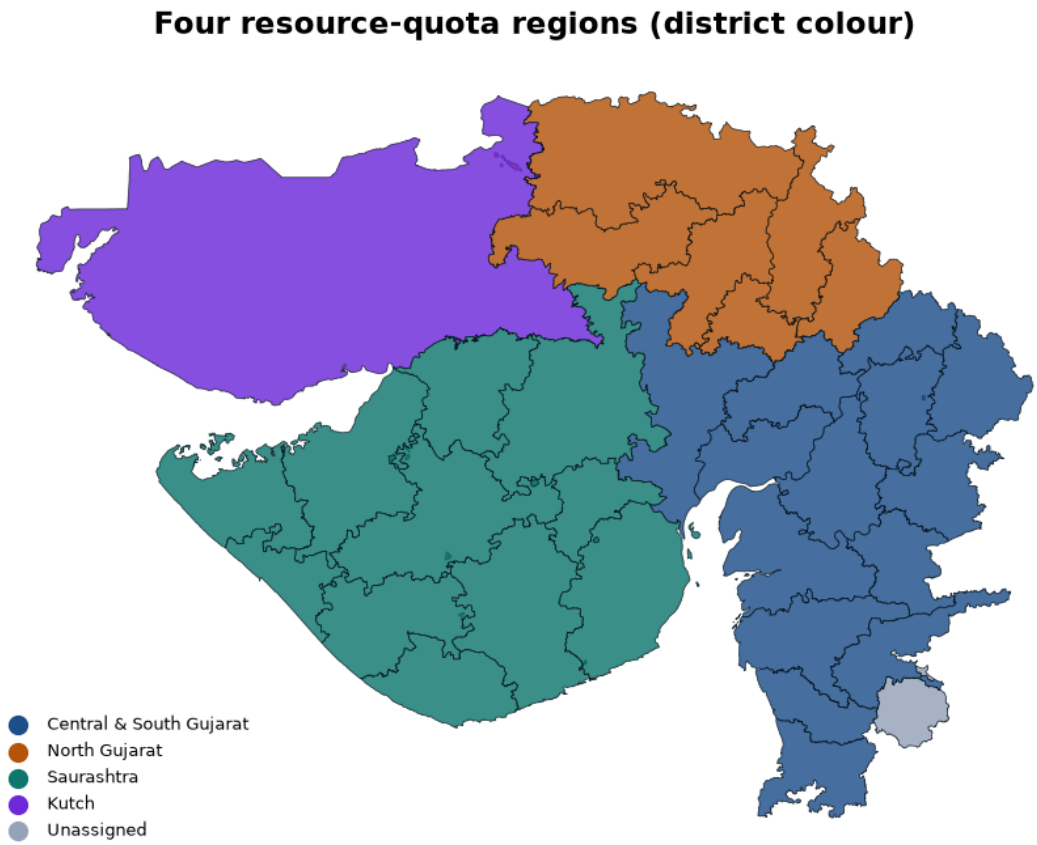


Plate 1 — 33 districts. Source: gj_districts.json.



Whole-basin polygons. Printed area is the basin, not Gujarat's share. Six basins in gj_basins.json.

Plate 2 — Whole basins whose printed state list includes Gujarat. Source: gj_basins.json. Not a Gujarat share.



Region colour follows NWRWS contentid 1512 membership used in the book. Not a surveyed region polygon.

Plate 3 — Four resource-quota regions coloured on districts. Membership for reading the NWRWS 1512 table. Not a surveyed region layer.

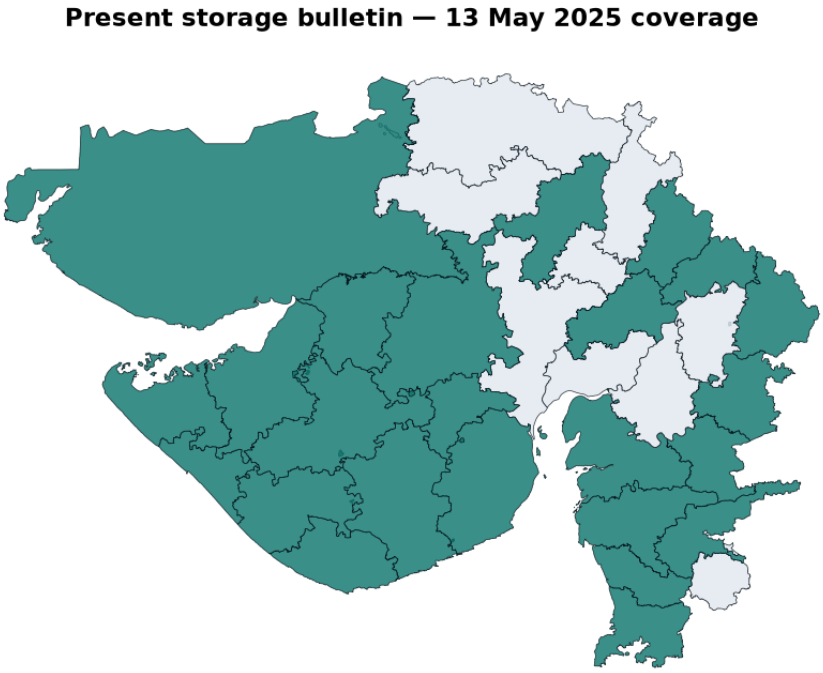


Plate 4 — Present storage bulletin coverage, 13 May 2025. Green = named on the bulletin. Grey = no row. Transfer-system lines are not drawn.

Four resource regions, and a different storage map

The Narmada, Water Resources, Water Supply and Kalpsar department prints a resource quota in million cubic metres. It is a regional account. It is not a district account, and the existing-storage column excludes Sardar Sarovar. It is not the present storage of 13 May 2025.

Region as printed	Total	Surface	Underground	Existing storage except SSP	Water share %	Area share %
Central & South Gujarat	38,105	31,750	6,355	10,400	69	25
North Gujarat	6,342	2,100	4,242	2,100	11	20
Saurashtra	9,723	3,600	6,123	2,250	17	33
Kutch	1,438	650	788	250	3	22
Total	55,608	38,100	17,508	15,000	100	100

Million cubic metres, except the two share columns, which are percent. Source: department page, content identifier 1512, as stored on the balance sheet. Arithmetic check (as printed): Central & South Gujarat total 38,105 = surface 31,750 + underground 6,355. The four regional surface columns sum to 38,100, which equals the Total row's surface cell — that 38,100 is the statewide surface subtotal, not the Central region total. The five MCM between 38,105 (Central total) and 38,100 (statewide surface) are different quantities; they are not a surface-addition error. Regional totals 38,105 + 6,342 + 9,723 + 1,438 = 55,608. Surface 31,750 + 2,100 + 3,600 + 650 = 38,100. Underground 6,355 + 4,242 + 6,123 + 788 = 17,508.

A different page of the same department, content identifier 1463, prints another grouping in prose: Gujarat, Saurashtra and Kutch as 89, 9 and 2 percent. Those three figures are not added to the four-region table, and 69 plus 11 is not forced to equal 89. Both groupings stay.

Name in that prose	Percent as printed
Gujarat	89
Saurashtra	9
Kutch	2

The same department page partitions cultivated area in lakh hectares. The five parts of cultivation sum to 125. They are areas, not volumes.

Partition as printed	Lakh hectare
Total geographical area	196
Area under cultivation	125
Irrigation area covered by surface water	18
Irrigation area covered by ground water	20
Area under Sardar Sarovar Yojna	18
Area benefitted by Sujalam Suflam Project and check dams	9
Area dependent on rainfall	60

A conference slide reprints the four-region million-cubic-metre figures and rounds the North Gujarat share to 12 percent and Kachchh to 2 percent. The department page remains 11 and 3. The slide is stored as a slide.

Separately, the 12 June 2019 state-irrigation workbook prints a region on each scheme. That membership is a storage-scheme region. It is not the resource-quota region, and it does not assign the districts that have no scheme row. The workbook's own note says there are no state irrigation schemes in the remaining districts. That sentence is not copied onto the 13 May 2025 bulletin, and those districts are not entered as

zero.

Saurashtra. Amreli, Bhavnagar, Botad, D.B.Dwarka, Gir Somnath, Jamnagar, Junagadh, Morbi, Porbandar, Rajkot, Surendranagar.

North Gujarat. Aravalli, Banaskantha, Mehsana, Sabarkantha.

South Gujarat. Bharuch, Narmada, Navsari, Surat, Tapi, Valsad.

Central Gujarat. Chhotaudepur, Dahod, Kheda, Mahisagar, Panchmahal.

Kutchchh. Kachchh.

The region label on that workbook is printed Kutchchh. The district on the same sheet is Kachchh. Both are kept.

The 2025 groundwater account

The 2025 assessment is the first Gujarat groundwater account in this spine that is complete at both grains that were required. All 252 assessment units are loaded, and all 33 districts have a district row. Sums of the unit rows match the printed district total within 0.05 hectare-metre. The state line is not the average of the district stages. It is the printed state total.

Annual extractable resource is printed as 25.61 billion cubic metres, and as 2,560,669.44 hectare-metres on the district sheet. Annual extraction is printed as 14.33 billion cubic metres, and as 1,432,815.72 hectare-metres. The stage is 55.95 percent. Category counts of the 252 units are 25 over-exploited, 3 critical, 31 semi-critical, 181 safe and 12 saline. Those five counts sum to 252.

Extractable resource by those categories is printed as 2,643.64, 199.31, 2,887.38 and 19,876.37 million cubic metres for over-exploited, critical, semi-critical and safe. Their sum, 25,606.70 million cubic metres, sits beside the rounded state figure of 25.61 billion cubic metres. Both are kept. The saline units are a category, not a sixth resource block in that sum.

Districts whose printed 2025 stage is above 100 percent: Banaskantha 121.47 percent; Patan 118.57 percent; Gandhinagar 111.28 percent; Mahesana 108.74 percent. A stage above 100 means the printed extraction exceeds the printed extractable resource. It is the assessment definition. It is not, by itself, a measured depth to water.

District as printed	Extractable ham	Irrigation	Industrial	Domestic	Total extraction	Stage %
Ahmedabad	42,258.26	24,586.2	3,489.57	2,662.91	30,738.68	72.74
Amreli	144,664.55	81,614.4	73.65	1,216.98	82,905.02	57.31
Anand	110,794.74	26,367.9	2,623.7	3,626.23	32,617.81	29.44
Arvalli	86,429.06	35,907.6	25.05	2,089.12	38,021.78	43.99
Banaskantha	118,909.66	140,057.2	41.79	4,343.01	144,442.01	121.47
Bharuch	63,557.66	14,124.7	1,339.77	1,857.29	17,321.76	27.25
Bhavnagar	106,253.72	44,384.8	79.12	3,237.45	47,701.37	44.89
Botad	43,035.49	23,708.1	16.58	919.77	24,644.43	57.27
Chhota Udepur	56,983.89	23,578.4	1.13	2,264.8	25,844.31	45.35
Dahod	34,036.87	11,500.8	3.31	2,360.33	13,864.44	40.73
Dang	31,191.34	3,451.7	1.28	502.85	3,955.85	12.68
Devbhumi Dwarka	43,593.3	28,955.7	100.28	1,600.12	30,656.11	70.32
Gandhinagar	57,791.12	62,018	926.14	1,365	64,309.15	111.28
Gir Somnath	70,296.46	31,369.5	77	3,032.2	34,478.69	49.05
Jamnagar	130,650.96	54,491.6	46.42	2,453.55	56,991.57	43.62
Junagadh	150,807.86	68,228.65	79.28	3,197.18	71,505.12	47.41
Kachchh	89,915.86	44,383.5	1,076.96	1,107.09	46,567.54	51.79
Kheda	79,362.14	29,308.7	631.15	2,919.86	32,859.69	41.4
Mahesana	74,550.7	78,663.2	942.02	1,463.85	81,069.07	108.74
Mahisagar	30,719.91	14,594	12.68	917.71	15,524.4	50.54
Morbi	67,620.3	33,312	192.06	1,488.01	34,992.06	51.75
Narmada	38,657.36	25,284.1	5.4	552.67	25,842.19	66.85

District as printed	Extractable ham	Irrigation	Industrial	Domestic	Total extraction	Stage %
Navsari	77,165.39	21,009.6	275.88	2,711.81	23,997.31	31.1
Panchmahal	54,298.11	12,748.3	374.51	1,563.74	14,686.57	27.05
Patan	37,610.31	43,628.57	29.15	938.2	44,595.91	118.57
Porbandar	21,446.52	11,376.1	221.74	527.17	12,125.02	56.54
Rajkot	169,025.48	108,251.1	519.89	2,596.28	111,367.28	65.89
Sabarkantha	76,631.54	55,362.62	271.52	2,083.82	57,717.98	75.32
Surat	134,748.37	34,099.9	3,077.68	19,560.12	56,737.69	42.11
Surendranagar	75,679.81	37,760.6	116.46	1,292.53	39,169.56	51.76
Tapi	71,235.27	25,850.3	61.23	509.98	26,421.49	37.09
Vadodara	101,350.31	58,365	2,380.74	6,680.57	67,426.32	66.53
Valsad	69,397.12	16,558.1	717.88	4,441.56	21,717.54	31.29

Hectare-metres, except the stage. Source: GWRA 2025 district sheet in the final Schemia. Domestic allocation on this sheet is column-headed 2030. Table 14 of the same assessment heads the same family of figures “as on 2025”. Both headings are kept. The figures are not renamed.

Table 14 prints the state irrigation extraction as 1,324,900.95 hectare-metres. The district rows sum to 1,324,900.94, and an earlier district-sheet total stores 1,324,900.94. All three are kept. Industrial 19,831.02, domestic 88,083.76, total extraction 1,432,815.72, domestic allocation 116,191.25 and future availability 1,197,201.68 match the district sum. The billion-cubic-metre line beside them is 13.25, 0.20, 0.88, 14.33, 1.16 and 11.97.

From 2024 to 2025 the national compilation prints 11 units improved, 14 deteriorated, 227 unchanged, and none reorganised. That comparison is a category movement. It is not a permission to average the two years.

The 2024 account, kept beside it

The 2024 state line is a different assessment. Annual recharge is printed as 27.58 billion cubic metres, extractable resource as 25.57851 billion cubic metres, extraction as 13.86, and the stage as 54.21 percent. The 2025 recharge is also printed as 27.58. The same figure in two assessments is not a trend by itself, and the two extractable figures — 25.57851 and 25.61 — are not averaged.

Category counts in 2024 are 22 over-exploited, 10 critical, 24 semi-critical, 184 safe and 12 saline, on 252 units made of 248 talukas and 4 urban units. In 2025 the counts are 25, 3, 31, 181 and 12. The movement is in the compilation. This book does not invent a reason for a unit that the comparison table does not name.

Numeric fields were accepted for 245 of the 252 units. Seven units stay out because a digit or the category word is split off the printed row: Valia in Bharuch, Halvad in Morbi, Surat Urban, Songadh in Tapi, Karjan in Vadodara, Dharampur in Valsad, and Valsad. They are not guessed. The district sheet below is the district grain, which is complete as a district table and is not a repair of those seven units.

District as printed	Irrigation ham	Industrial	Domestic	Total extraction	Stage %
Ahmedabad	25,238.5	4,831.6	1,038.95	31,109.04	73.63
Amreli	77,626.4	120.79	1,207.64	78,954.83	55.35
Anand	26,110	330.42	3,587.39	30,027.83	27.58
Arvalli	35,456.4	23.57	2,060.98	37,540.96	42.67
Banaskantha	137,201.3	102.46	4,264.02	141,567.8	119.81
Bharuch	14,288.9	880.96	1,836.73	17,006.6	26.64
Bhavnagar	42,949.2	37.64	3,194.06	46,180.9	42.71
Botad	22,817.9	16.9	907.44	23,742.25	57.14
Chhota Udepur	22,300.8	1	2,237.97	24,539.77	43.28
Dahod	10,539.2	3.01	2,310.58	12,852.78	37.97
Dang	4,053.7	1.28	494.57	4,549.55	13.39
Devbhumi Dwarka	26,738.6	215.3	1,582.07	28,535.96	68.27
Gandhinagar	58,919.5	765.78	1,365	61,050.26	102.67
Gir Somnath	30,463.1	264.75	3,001.05	33,728.9	47.62
Jamnagar	52,152.1	58.13	2,425.87	54,636.14	40.11
Junagadh	66,244.9	139.12	3,164.34	69,548.36	45.6
Kachchh	47,921.5	554.37	1,082.63	49,558.48	54.43
Kheda	27,105	655.62	2,888.16	30,648.78	38.61
Mahesana	78,787.4	805.32	1,450.22	81,042.94	109.67
Mahisagar	14,097.8	21.47	905.57	15,024.83	49.09
Morbi	32,060.1	212.91	1,465.45	33,738.45	50.94
Narmada	23,847.8	38.33	545.9	24,432.04	63.14
Navsari	19,285.8	157.63	2,691.86	22,135.31	29.53
Panchmahal	11,054.1	287.52	1,541.36	12,882.98	23.91
Patan	39,429.1	40.03	927.54	40,396.66	112.1
Porbandar	11,366.8	147.81	522.88	12,037.49	56.76
Rajkot	104,804.2	194.62	2,555.87	107,554.69	65.66
Sabarkantha	52,489.48	323.23	2,055.75	54,868.46	72.05

District as printed	Irrigation ham	Industrial	Domestic	Total extraction	Stage %
Surat	31,880.1	6,082.09	19,059.92	57,022.1	42.41
Surendranagar	35,705.9	353.6	1,275.72	37,335.2	49.09
Tapi	22,555.8	67.53	504.74	23,128.06	32.66
Vadodara	59,413.7	2,630.94	6,601.44	68,646.06	66.89
Valsad	15,732.2	368.18	4,370.28	20,470.65	29.58

The 2024 district sheet. Domestic allocation on this sheet is headed 2025. It is not the 2025 assessment's allocation column.

Quarterly groundwater levels are a third thing again: 46,426 readings, 975 stations, 1991 through 2019, in 32 districts. Gir Somnath is absent from that file. Six-hourly telemetry adds 8,820,077 readings from 2,604 stations. Dohad and Dahod are both kept where a file prints both. A day or a quarter with no row is not a water level of zero.

Levels, stations, and rainfall

Daily rainfall from the official manual files runs, across the three files, to 33 districts and from 1961 through 19 October 2022. A station-year sum in the workbook is the sum of days that have a printed reading. A missing day is not filled with zero. One station of 607 has no printed latitude. That single gap is why the station-inventory credit is 99.8 rather than 100. Raising it would not move the rounded index.

The district control used here is the socio-economic review's statement 3.1: annual average rainfall in millimetres, 2017 through 2024, for 33 districts. The years 2017 and 2018 are 1 June to 31 October. The years 2019 through 2024 are 1 June to 30 November. The state average is the printed state row. It is not the average of the district rows, and this book does not recompute it.

District as printed	2017	2018	2019	2020	2021	2022	2023	2024
Ahmedabad	721	292	773	677	532	551	532	756
Amreli	604	501	901	1,164	731	705	729	866
Anand	715	821	1,053	962	821	798	928	1,226
Arvalli	887	694	1,109	832	552	915	868	996
Banas Kantha	1,136	211	762	731	494	908	723	651
Bharuch	772	734	1,300	1,085	815	997	686	1,346
Bhavnagar	585	449	798	737	649	580	728	830
Botad	754	379	982	1,002	623	587	717	729
Chhota Udepur	835	757	1,795	1,059	1,088	1,172	1,066	1,379
Dahod	658	569	873	585	558	525	719	911
Devbhumi Dwarka	689	293	1,044	2,247	1,015	973	894	2,097
Gandhinagar	1,184	348	877	925	553	750	668	964
Gir Somnath	1,079	1,272	1,182	1,537	915	1,357	1,417	1,204
Jamnagar	674	342	1,161	1,445	951	735	896	1,290
Junagadh	879	842	1,380	1,650	1,217	1,168	1,690	1,862
Kachchh	464	111	746	1,162	511	845	764	915
Kheda	858	605	1,085	852	664	835	883	1,183
Mahesana	819	280	830	815	600	836	701	986
Mahisagar	606	481	845	689	532	825	962	1,066
Morbi	952	228	973	1,085	541	641	583	983
Narmada	989	709	1,681	1,329	1,120	1,740	1,043	1,744
Navsari	1,673	1,986	2,495	2,101	1,798	2,609	1,990	2,871
Panch Mahal	838	774	1,251	964	700	973	1,006	1,221
Patan	932	186	702	817	508	735	587	705
Porbandar	649	428	955	1,583	930	1,216	868	1,664
Rajkot	821	365	1,011	1,239	937	716	907	1,176
Sabar Kantha	1,068	592	1,072	968	665	1,091	892	1,004
Surat	1,325	1,307	2,095	2,208	1,477	1,888	1,402	2,199
Surendranagar	856	247	974	866	497	518	558	745
Tapi	1,092	1,168	1,797	1,611	1,008	1,661	1,256	2,029
The Dangs	1,913	2,244	3,182	1,664	1,722	2,641	1,933	2,865

District as printed	2017	2018	2019	2020	2021	2022	2023	2024
Vadodara	578	543	1,139	821	709	919	721	1,180
Valsad	2,519	2,275	3,176	2,038	2,406	3,328	2,390	3,169
State average as printed	909	638	1,193	1,137	827	1,038	948	1,264

Millimetres. Source: statement 3.1, as stored. The last row is the printed state average.

Basins that are not a Gujarat share

Six India-WRIS basins have a printed state list that includes Gujarat. The area on each row is the area of the whole basin. A state list is not a percentage. Narmada at 98,796 square kilometres is not the 9,894 square kilometres of Narmada catchment that another agency prints for Gujarat, and this book does not divide one by the other to invent a share.

A conference slide prints a count of river basins: 17 in the Gujarat region, 71 in Saurashtra and 97 in Kachchh, which sum to 185. That count is a count. It is not the six-basin layer, and it is not given a volume here.

Basin as printed	Area sq km	States as printed	Major rivers as printed
Mahi	34,842	Rajasthan, Gujarat and Madhya Pradesh	Mahi, Panam, Anas, Som, Erau
Narmada	98,796	Madhya Pradesh, Chhattisgarh, Gujarat and Maharashtra	Narmada, Tawa, Banjar, Hiran, Sher, Chakrar, Shakkar, Dudhi, Sinhor, Barna, Kharmer, Ganjal, Chhota Tawa, Beda, Silgi, Uri Wagh, Goi, Kanar, Orsang, Karjan, Machak, Choral, Burhner, Temur, Soner
Sabarmati	21,674	Gujarat and Rajasthan	Sabarmati, Bhadar, Bhogava, Watrak, Meshwa, Shedhi
Tapi	65,145	Maharashtra, Madhya Pradesh and Gujarat	Tapi, Girna, Purna, Panjhara, Aner, Sipna, Khandu
West flowing rivers from Tapi to Tadri	55,940	Gujarat, Maharashtra, Dadara & Nagar Haveli, Goa, Daman & Diu and Karnataka	Tadri, Gangavalli, Mahadayi, Gad, Machkandi, Vashishti
West flowing rivers of Kutch and Saurashtra including Luni	321,851	Rajasthan, Gujarat and Diu	Luni, Banas, Saraswati, Rupen

Whole-basin area. Source: the India-WRIS basin layer as stored. Discharge series remain loaded in the spine as discharge, in cubic metres per second. Those rates are not summed into a volume.

The older national groundwater line that a portal still shows for Gujarat — irrigation draft 12.650, domestic and industrial draft 0.650, total 13.300 billion cubic metres — is an earlier state line. It is not written over 14.33, 13.25, 0.20 and 0.88. It is not given a district split.

Storage on two dates

Present storage is a day, a district, and a distinction between design and the water then in the reservoir. The official district bulletin dated 13 May 2025 prints 27 district names. The names on the 2025 groundwater sheet that have no matching bulletin row, compared as the same words, are: Ahmedabad, Anand, Chhota Udepur, Dang, Gandhinagar, Patan, Vadodara. They are not filled with zero. A scheme row for Sardar Sarovar is not one of those districts.

District as printed	Design gross	Design live	Present gross	Present live	Gross fill %	Live fill %
Arvalli	424.85	386.65	184.45	146.5	43.41	37.89
Banaskantha	586.51	559.08	62.56	41.81	10.67	7.48
Mahesana	813.14	745.63	340.2	272.69	41.84	36.57
Sabarkantha	104.7	93.47	26.05	14.82	24.88	15.86
Chhotaudepur	177.56	167.71	130.66	120.81	73.59	72.04
Dahod	155.91	134.33	60.86	39.3	39.04	29.26
Kheda	3.18	2.62	1.12	0.56	35.22	21.37
Mahisagar	1,900.32	1,810.12	871.22	781.02	45.85	43.15
Panchmahal	110.4	101.41	52.69	43.71	47.73	43.1
Bharuch	29.84	27.67	15.19	13.02	50.91	47.06
Narmada	553.24	529.12	307.58	283.46	55.6	53.57
Navsari	41.91	41.52	6.03	5.65	14.4	13.6
Surat	36.14	35.78	9.21	8.86	25.5	24.76
Tapi	7,417.72	6,733.2	3,679.48	2,994.99	49.6	44.48
Valsad	524.86	478.09	186.29	139.52	35.49	29.18
Kachchh	325.24	297.5	103.16	78.34	31.72	26.33
Amreli	146.39	138.73	49.16	41.5	33.58	29.91
Bhavnagar	472.72	462.23	169.86	159.37	35.93	34.48
Botad	113.54	102.47	38.27	28.65	33.7	27.96
Devbhumi Dwarka	144.87	133.35	7.71	4.64	5.32	3.48
Gir Somnath	133.55	121.79	47.83	36.07	35.81	29.62
Jamnagar	292.79	272.18	63.76	49.58	21.78	18.21
Junagadh	159.81	145.36	61.99	47.6	38.79	32.75
Morbi	310.62	297.91	64.9	53.07	20.89	17.81
Porbandar	93.01	87.75	26.16	20.36	28.12	23.2
Rajkot	615.37	584.43	265.34	235.66	43.12	40.32
Surendranagar	105.85	98.71	28.23	22.81	26.67	23.1

Million cubic metres, 13 May 2025. Fill percentages are the printed percentages.

India-WRIS design gross storage is a different list: 525 dams. Ukai Dam is 7,414.29 MCM on that list, and Sardar Sarovar is 9,460 MCM. One hundred and seventy-nine dams have no district printed. Design gross storage does not raise the present-storage credit. A later day of the same 27 districts does not raise it either. A national feed of 16 reservoirs in 12 districts, queried and not loaded, does not contain the missing names.

The 12 June 2019 workbook is an earlier day of state irrigation schemes, again 27 districts and 204 schemes. Each district total equals the sum of its schemes. Printed zeros on that day stay zeros: Devbhumi

Dwarka’s present gross and live, under the spelling D.B.Dwarka, and Porbandar’s present gross and live. Two rows are both labelled “Total Of GUJARAT”. The first is North, Central and South only: design gross 12,894.4 and present gross 2,324.78. The second includes Kutch and Saurashtra: design gross 15,764.16 and present gross 2,526.93. Both are kept.

Sardar Sarovar is printed on that sheet as SARDAR SROVAR: design gross 9,460, design live 5,760, present gross 4,918, present live 1,218. The live-percent cell does not equal 1,218 divided by 5,760, so the cell is left as printed and is not “corrected”. The grand-total cell is a floating-point artifact. The components that were printed are 15,764.16 plus 9,460, which is 25,224.16, and 2,526.93 plus 4,918, which is 7,444.93. North Gujarat’s present-gross district sum is 0.01 MCM away from the printed region total of 231.87. The region total is kept.

Name as printed on 12 June 2019	Design gross	Design live	Present gross	Present live
Aravalli	417.91	379.62	48.33	33.76
Banaskantha	586.51	559.08	39.72	19.33
Mehsana	813.14	745.63	129.79	62.28
Sabarkantha	104.7	93.47	14.02	3.96
North Gujarat	1,922.26	1,777.8	231.87	119.34
Chhotaudepur	177.56	167.71	15.62	5.77
Dahod	133.82	117.08	26.9	10.35
Kheda	3.18	2.62	0.14	0
Mahisagar	1,322.13	1,257.15	585.03	520.05
Panchmahal	710.67	671.64	286.17	247.15
Central Gujarat	2,347.36	2,216.2	913.87	783.33
Bharuch	29.84	27.67	8.2	6.03
Narmada	560.17	534.67	174.37	148.87
Navsari	48.63	46.81	3.93	2.11
Surat	43.19	41.73	2.66	1.2
Tapi	7,418.09	6,733.7	919.92	235.53
Valsad	524.86	478.09	69.96	23.19
South Gujarat	8,624.78	7,862.67	1,179.04	416.93
Total Of GUJARAT :	12,894.4	11,856.67	2,324.78	1,319.6
Kachchh	332.27	300.88	33.87	28.21
Kutchchh	332.27	300.88	33.87	28.21
Amreli	146.39	138.72	10.09	6.76
Bhavnagar	434.92	420.68	30.03	20.05
Botad	105.07	95.53	0.91	0
D.B.Dwarka	128.62	117.43	0	0
Gir Somnath	153.77	141.43	24.37	12.03
Jamnagar	304.28	284.78	0.08	0
Junagadh	139.59	125.72	12.13	3.65
Morbi	310.62	297.91	24.37	17.14
Porbandar	93.02	87.75	0	0
Rajkot	615.35	584.43	47.54	35.43
Surendranagar	105.86	98.72	18.75	14.62

Name as printed on 12 June 2019	Design gross	Design live	Present gross	Present live
Saurashtra	2,537.49	2,393.1	168.28	109.67
Total Of GUJARAT :	15,764.16	14,550.65	2,526.93	1,457.48
SARDAR SROVAR	9,460	5,760	4,918	1,218

Million cubic metres. Region totals and the two Gujarat totals are included because they are printed rows, not because they were recomputed.

Narmada water that was used

A transfer is water that crossed a boundary inside a stated year, under a stated name. An allocation is a legal share. This volume keeps them apart.

For 2017–18, annexure 11 prints the Narmada portion of water supplied in every district row of the department statement, and a source total of 620,675.30 million litres. That is one year of water supplied through the department account. It is not a gauged release series, and the familiar sentence of 1.06 million acre-feet is not loaded as a measured flow.

For 2023–24, the June 2025 presentation of the Sardar Sarovar Narmada Nigam, given by its chairman at an international meeting, prints a utilisation that sums exactly: command 11,244, Sujalam Sufalam 817, Sauni 870, and escape during the monsoon 1,514. The total is 14,445 MCM, also printed as about 11.71 million acre-feet. Irrigation utilisation of 9,864 MCM, and drinking water of 2,085 MCM, are printed on the same slides and are not components of 14,445. Adding 9,864 and 2,085 gives 11,949, which is not 11,244. They stay separate. The Sauni object of 1,233 million cubic metres is an object, not the 870 that was diverted in that year.

Line as printed	Value	Unit	Also printed	Inside the 14,445
SSP command	11,244	MCM		Yes
Sujalam Sufalam Project	817	MCM		Yes
Sauni Project	870	MCM		Yes
Through Escape during Monsoon Season	1,514	MCM		Yes
Total	14,445	MCM	~ 11.71 MAF	Yes
Irrigation	9,864	MCM	upto 8 MAF	No
Drinking water	2,085	MCM	1.69 MAF	No
Sauni surplus diversion object	1,233	Million m3	1 MAF	No

Stored as the conference presentation of June 2025, not as the Nigam's annual report. A news citation of a Narmada Control Authority water account is not that account. The annual water account itself is described by the Authority and is not published as a download.

The same slides print a state per-capita freshwater availability of 909 cubic metres against a national average of 1,820. That pair is a slide sentence. It is not a district series, and it is not recomputed from the population table.

People, and the supply that is not a demand

Census 2011 prints a person, a household, a rural count and an urban count for 33 districts. The printed state population is 60,439,692. New districts are marked on the rows that the census extract marks. The count is the stock of people in 2011. It is not a 2025 demand, and this book does not apply a litres-per-person factor to it.

District as printed	Population	Rural	Urban	Households
Ahmedabad	7,059,056	1,030,904	6,028,152	1,481,600
Amreli	1,504,639	1,118,004	386,635	293,147
Anand	2,078,654	1,443,667	634,987	424,817
Arvalli	1,023,724	897,162	126,562	203,286
Banas Kantha	3,120,506	2,705,591	414,915	560,411
Bharuch	1,551,019	1,026,060	524,959	333,483
Bhavnagar	2,410,211	1,402,457	1,007,754	451,308
Botad	653,814	444,272	209,542	121,238
Chhota Udepur	1,071,831	999,416	72,415	200,614
Dahod	2,127,086	1,935,461	191,625	334,272
Devbhumi Dwarka	748,227	506,432	241,795	141,963
Gandhinagar	1,391,753	791,126	600,627	289,990
Gir Somnath	1,210,749	877,740	333,009	214,924
Jamnagar	1,389,283	660,013	729,270	284,359
Junagadh	1,525,690	952,287	573,403	311,085
Kachchh	2,092,371	1,363,836	728,535	445,672
Kheda	2,067,860	1,593,819	474,041	420,726
Mahesana	2,044,788	1,530,458	514,330	426,407
Mahisagar	994,624	888,637	105,987	191,713
Morbi	970,548	612,128	358,420	189,782
Narmada	590,297	528,425	61,872	122,174
Navsari	1,329,672	920,535	409,137	295,131
Panch Mahals	1,642,268	1,363,860	278,408	303,816
Patan	1,339,557	1,058,476	281,081	266,810
Porbandar	584,704	299,030	285,674	124,373
Rajkot	3,034,722	1,147,068	1,887,654	635,323
Sabar Kantha	1,404,865	1,167,707	237,158	278,128
Surat	6,081,322	1,232,109	4,849,213	1,333,200
Surendranagar	1,561,066	1,096,174	464,892	305,991
Tapi	807,022	727,535	79,487	177,091
The Dangs	228,291	203,604	24,687	44,699
Vadodara	3,093,795	1,100,439	1,993,356	676,492
Valsad	1,705,678	1,070,177	635,501	364,403
GUJARAT as printed	60,439,692	34,694,609	25,745,083	12,248,428

Persons. Source: Census 2011 district statement as stored. The last row is the printed state total.

Jal Jeevan Mission coverage for 2024 is in the spine for all 33 districts, as a service survey against a 55-litre norm: adequate, partial and inadequate shares at state level are a survey result, not a volume. Village facility counts from the socio-economic review sit beside that survey. Neither is the missing domestic demand.

What the department did print, for 2017–18, is the water it supplied. Source totals equal the sum of Narmada, other surface water and groundwater on the joined rows. Use totals equal rural, urban and industry. Urban supply is a printed zero in Arvalli, Chhotaudepur and Dang. A printed zero is a zero of that supply account, not a proof that nobody in the town used water.

District as printed	Source total ML	of which Narmada	Rural	Urban	Industries
Ahmedabad	32,607.23	26,356.76	25,214.68	7,390.55	2
Amreli	30,285.01	29,767.96	21,747.22	8,537.79	0
Anand	6,959.74	19.02	6,950.93	5.33	3.48
Arvalli	3,118.16	0	3,114.58	0	3.58
Banaskantha	58,911.83	26,538.34	48,200.86	9,991.53	719.11
Bharuch	14,317.26	36.9	12,355.25	1,937.37	24.64
Bhavnagar	53,460.84	45,332.31	24,018.4	29,442.44	0
Botad	18,719.47	18,376.23	12,222.14	6,497.33	0
Chhotaudepur	3,631.62	2,233.93	3,631.62	0	0
Dahod	6,770.09	12	5,828.89	941.19	0
Dang	1,388.9	0	1,388.9	0	0
Devbhumi Dwarka	15,519.1	12,910.75	13,030.1	2,489	0
Gandhinagar	57,738.67	57,738.67	14,766.06	25,899.1	17,073.51
Gir Somnath	16,672.45	6,802.54	16,122.55	545.9	4
Jamnagar	83,023.95	44,652.84	23,863.36	43,083.13	16,077.46
Junagadh	12,572.29	1,525.45	9,503.43	3,068.86	0
Kachchh	124,479.46	88,808.86	82,207.85	32,881.89	9,389.72
Kheda	15,609.65	916.15	15,344.91	235.9	28.84
Mehsana	75,604.59	45,148.37	48,060.57	27,416.07	127.95
Mahisagar	17,528.75	49.07	17,528.75	0	0
Morbi	37,898.58	27,213.99	25,589.99	10,855.81	1,452.78
Narmada	1,501.71	1,250.38	1,501.71	0	0
Navsari	4,793.79	0	4,793.79	0	0
Panchmahal	19,694.57	9,891.31	16,579.8	2,409.99	704.78
Patan	42,001.59	26,442.6	36,883.09	5,118.5	0
Porbandar	16,950.16	8,626.36	5,209.24	10,036.92	1,704
Rajkot	90,366.62	82,377.13	26,312.32	64,007.3	47
Sabarkantha	11,970.49	6,110.58	9,509.83	2,454.38	6.28
Surat	25,479.59	62.24	23,953.86	1,525.73	0
Surendranagar	50,500.94	50,480.06	40,313.37	8,604.57	1,583
Tapi	5,663.9	0	5,663.9	0	0
Vadodara	10,973.71	994.49	9,462.72	1,506.99	4
Valsad	8,308.3	0	8,308.3	0	0

Million litres, 2017–18. Two further rows are withheld from this join because the spelling differs: Chhotaudepur, source total 3,631.62 million litres, and Mehsana, source total 75,604.59 million litres. They remain supply rows. They are not subtracted from any 2025

hectare-metre figure.

Livestock as a headcount

A livestock demand would be a headcount times a water requirement, in cubic metres, printed for the district. The requirement is not printed. The headcount is. The credit for this workstream is 70 because the census is complete and the requirement is the declared empty. It is not raised to 100 by inventing a drinking rate.

The 20th Livestock Census district file covers 33 districts. Cattle sum to 9,633,637, buffaloes to 10,543,250, sheep to 1,787,263, goats to 4,867,744 and pigs to 658. Each of those five sums matches the state line in the Basic Animal Husbandry Statistics table for Gujarat. Printed zeros stay zero, including districts where the pig cell is zero. Horses, ponies, mules, donkeys, camels and poultry are on the same rows and are not a second census.

District as printed	Cattle	Buffalo	Sheep	Goat	Pig
AHMADABAD	211,977	381,499	14,652	90,062	26
AMRELI	207,241	178,787	77,036	125,050	0
ANAND	273,505	460,860	9,676	94,277	246
BANAS KANTHA	1,390,357	1,501,537	118,204	387,986	12
BHARUCH	122,344	162,523	4,536	160,068	0
BHAVNAGAR	226,407	291,930	132,151	110,133	0
DANG	74,901	23,235	285	21,093	64
DOHAD	656,223	524,521	2,533	878,061	93
GANDHINAGAR	184,736	322,574	21,237	63,695	0
JAMNAGAR	139,176	162,333	214,785	130,282	53
JUNAGADH	165,769	211,414	18,499	59,682	20
KACHCHH	574,837	466,341	610,629	439,258	0
KHEDA	265,460	616,160	20,096	102,279	13
MAHESANA	323,858	488,302	10,913	111,500	1
NARMADA	177,550	76,314	21	89,966	5
NAVSARI	231,544	61,865	1,159	68,636	58
PANCH MAHALS	335,220	434,464	1,427	332,360	0
PATAN	173,660	432,837	45,920	101,011	0
PORBANDAR	64,465	143,534	17,061	14,855	0
RAJKOT	377,285	269,056	128,874	104,797	39
SABAR KANTHA	459,921	417,008	47,918	210,505	0
SURAT	271,863	251,048	4,307	58,055	27
SURENDRANAGAR	325,680	350,911	44,759	117,945	0
VADODARA	152,980	340,490	5,764	130,662	0
VALSAD	309,310	63,855	1,271	83,000	1
TAPI	224,128	180,659	560	49,644	0
CHHOTAUDEPUR	324,217	209,696	87	183,686	0
Mahisagar	308,108	406,003	9,083	162,603	0
ARVALLI	425,032	384,808	30,536	177,028	0
MORBI	141,984	174,976	97,972	66,893	0

District as printed	Cattle	Buffalo	Sheep	Goat	Pig
DEVBHUMI DWARKA	126,026	284,636	63,099	50,443	0
GIR SOMNATH	212,526	193,958	22,486	49,163	0
BOTAD	175,347	75,116	9,727	43,066	0

Headcount, 2019. Spellings are the census spellings, including Ahmadabad, Banas Kantha, Dohad, The Dangs where so printed, Kachchh, Mahesana, Panch Mahals and Sabar Kantha.

An earlier milch series prints cows and buffaloes together, one number, not the species split above. For 2019 that combined count covers 33 districts and sums to 9,534,098. For 2012 it covers the 26 districts that then existed and sums to 8,819,021. Seven later districts are a dash in 2012, not a zero.

District as printed	Milch cows and buffaloes, 2012	Milch cows and buffaloes, 2019
Ahmedabad	327,076	308,238
Amreli	245,140	182,295
Anand	358,496	397,436
Arvalli	—	398,391
Banas Kantha	957,284	1,420,149
Bharuch	111,334	126,175
Bhavnagar	379,046	251,101
Botad	—	118,901
Chhota Udepur	—	197,229
Dahod	296,293	363,274
Devbhumi Dwarka	—	214,853
Gandhinagar	250,615	267,462
Gir Somnath	—	195,122
Jamnagar	300,039	139,936
Junagadh	430,335	173,827
Kachchh	486,592	504,884
Kheda	492,271	438,551
Mahesana	432,932	425,079
Mahisagar	—	344,624
Morbi	—	164,994
Narmada	74,770	86,148
Navsari	154,881	147,287
Panch Mahals	515,698	330,402
Patan	257,217	311,423
Porbandar	107,732	114,453
Rajkot	458,120	299,430
Sabar Kantha	608,156	424,148
Surat	306,153	251,521
Surendranagar	573,694	333,475
Tapi	169,811	182,138
The Dangs	19,898	22,753
Vadodara	400,583	257,529
Valsad	104,855	140,870
GUJARAT as printed	8,819,021	9,534,098

One printed count of milch cows and buffaloes. A blank 2012 cell is a district that was not in that table.

Agriculture in hectares

The crop table holds 16,378 valued rows of area, production and yield, by the crop and season and year the directorate printed. It does not hold a water requirement. Source-wise irrigation for 2023–24 is loaded for every district, gross and net. Private canal is blank on every district. A blank source stays blank. Hectares are not converted here into a volume, and they are not crossed with the groundwater extraction of the same district. That cross is the open crop-by-groundwater cell.

Minor-irrigation census scheme counts, for the districts and blocks the census printed, are counts of schemes. They are not hectares, and they do not replace this table. An older irrigated-area file that mixes project circles with Daman and Dadra and Nagar Haveli is not used as the state table.

District as printed	Govt canal	Private canal	Tank	Tubewell	Other well	Other source
Ahmedabad	174,575	—	44,500	130,861	62,905	49,840
Amreli	53,022	—	23,875	290,643	282,422	6,933
Anand	240,492	—	19,751	106,220	55,616	51,695
Banas Kantha	249,485	—	5,628	597,644	110,623	4,182
Bharuch	88,133	—	11,123	39,632	45,220	5,874
Bhavnagar	121,319	—	33,194	8,256	151,242	—
Dangs	—	—	9,753	—	5,046	1,327
Dahod	71,028	—	28,415	11,723	56,340	23,878
Gandhinagar	23,423	—	—	150,487	29,679	—
Jamnagar	66,177	—	8,175	80,860	192,062	63,152
Junagadh	50,379	—	—	—	253,665	98,177
Kachchh	208,671	—	27,808	115,795	77,177	29,667
Kheda	146,417	—	29,420	187,904	91,830	17,823
Mahesana	161,177	—	14,437	192,271	12,670	11,061
Narmada	20,985	—	31	4,773	10,349	6,290
Navsari	61,573	—	6,465	19,674	14,142	3,090
Panch Mahals	52,133	—	30,908	9,206	28,744	6,287
Patan	114,040	—	13,050	172,276	19,811	35,316
Porbandar	8,968	—	—	—	97,903	29,954
Rajkot	131,583	—	24,959	145,669	315,525	81,250
Sabar Kantha	55,587	—	16,518	121,900	136,955	10,355
Surat	144,782	—	14,980	40,303	17,466	5,301
Surendranagar	258,190	—	9,106	322,771	80,795	961
Vadodara	154,932	—	24,692	114,312	45,917	19,897
Valsad	53,749	—	19,014	7,200	45,051	49,523
Tapi	49,917	—	—	12,306	23,404	6,412
Chhotaudepur	33,165	—	72	31,076	30,299	24,161
Mahisagar	55,291	—	25,250	19,053	21,608	9,686
Arvalli	46,733	—	3,758	80,435	119,011	15,983
Morbi	177,223	—	10,885	87,640	107,846	18,456
Devbhumi Dwarka	7,338	—	150	126,690	52,660	84

District as printed	Govt canal	Private canal	Tank	Tubewell	Other well	Other source
Gir Somnath	48,725	—	13,616	22,913	123,949	8,461
Botad	31,249	—	—	87,477	115,836	233

Gross irrigated area, hectares, 2023–24. Net irrigated area is in the spine on the paired row and is not added to this one. Private canal is blank throughout.

The department’s cultivated-area partition, already given in lakh hectares, is a state sketch: 196 geographical, 125 under cultivation, then 18 by surface irrigation, 20 by groundwater, 18 under Sardar Sarovar, 9 by Sujalam Suflam and check dams, and 60 dependent on rainfall. The last five sum to 125. They are not a district table.

Towns, industry, and installed tanks

Industrial groundwater extraction is in the 2025 assessment at the unit grain, 252 of 252. The 2017–18 department statement adds, at district grain, the million litres supplied to industry and the million litres supplied to urban areas. That quantity is water the supply department accounted. It is not every municipal utility, and it is not a demand.

Annexure 7 prints elevated reservoirs, sumps and pumping stations. The capacity is in lakh litres. It is the capacity of the tank that was built. It is not water delivered in a year, and it is not the present storage of a reservoir.

District as printed	ESR no.	ESR lakh litre	Sump no.	Sump lakh litre	Pumping stations
Ahmedabad	37	260.8	50	974.25	45
Amreli	36	207.9	61	1,176	47
Anand	17	61.55	17	120.05	16
Arvalli	37	294	31	497	27
Banaskantha	79	640.6	101	1,609.9	48
Bharuch	45	150.15	50	513.9	40
Bhavnagar	31	131.2	71	857	42
Botad	13	53.05	27	275.05	26
Chhotaudepur	24	84.6	14	287.8	21
Dahod	14	65.9	11	264	10
Dang	18	1.85	37	52.15	48
Devbhumi Dwarka	23	97	40	427	46
Gandhinagar	22	238	17	502	16
Gir Somnath	11	87.3	17	250.3	14
jamnagar	23	138	29	445	25
Junagadh	26	147.2	48	1,379.3	48
Kachchh	44	128.8	184	3,547.5	81
Kheda	40	189.2	35	417.9	32
Mahisagar	28	111.9	27	203.25	27
Mehsana	38	447	24	937.9	11
Morbi	30	235.15	45	835.66	23
Narmada	11	30.75	9	99	7
Navsari	10	43.87	11	69.43	11
Panchmahal	25	97.9	31	390.85	27
Patan	40	248.3	41	620.1	13
Porbandar	11	46.7	20	382.5	12
Rajkot	22	182.5	71	879.5	51
Sabarkantha	41	204.5	73	500.5	57
Surat	29	172.6	35	661.6	40
Surendranagar	41	243.4	50	818	41
Tapi	18	77.1	14	310.25	15
Vadodara	31	236.85	37	533.3	42

District as printed	ESR no.	ESR lakh litre	Sump no.	Sump lakh litre	Pumping stations
Valsad	20	80.65	14	97	29

Installed works, as printed. A capacity in this table does not enter the storage bulletin.

A March 2026 monthly report leaves the quantity of industrial effluent as a dash. The dash stays a dash. It is not estimated from the industry-supply column.

Wastewater and reuse

The March 2026 register of existing sewage plants has 220 works. Capacity sums to the printed 6,209.71 million litres a day. Utilisation sums to the printed 4,356.929. Fourteen utilisation cells are dashes and stay blank. Under construction, 51 plants sum to the printed 2,099.36 million litres a day. Proposed, the numeric capacities sum to the printed 1,048.4; Dhari in Amreli and Tarapur in Anand are dashes and stay blank.

Reuse is printed as a state total, not as a district split. Started 829.50, tender or execution 522, planning 150, total 1,501.50, in million litres a day. The socio-economic review’s paragraph on the same subject says reuse under implementation of about 642, where the annexure prints 522. Both are kept. A district reuse table was not found, so none is built.

Row as printed	Started	Tender or execution	Planning	Total
Municipal Corporation	800	522	150	1,472
Municipality	29.5	—	—	29.5
Total as printed	829.5	522	150	1,501.5

Million litres a day. Municipal and municipality rows are the printed split of the started figure. A blank municipality cell stays blank.

The coast

Desalination is the workstream that stays at 25. The spine holds candidate asset records. It does not hold an operating register that would let a plant’s output be called present supply. Ongoing works are not operating capacity. A tender, a contract, or a news inauguration is not promoted to a headline output.

Until an operating return prints a million-litres-a-day figure for a named plant, under the agency that runs it, this chapter stays short on purpose. A short chapter is the honest length.

A sheet named 37_GJ_DESALINATION_ASSETS is in the workbook. Its rows are candidates. They are not restated here as operated plants.

Samples, wetlands, and water bodies

Chemical samples loaded number 17,081, from Central Water Commission surface water, Central Pollution Control Board surface water, and Central Ground Water Board groundwater. Rows for Daman and Diu were excluded: 182 of them. Biological and physical files are not in this load. A blank parameter stays blank. A biochemical-oxygen series is not relabelled as an ecological flow.

Environmental flow is printed on 234 of the numeric 2023 groundwater rows. Twelve salinity rows have no figure. The absence is kept.

Wetland area is a 25-district table. The seven districts formed later are not in it, and they are not given a share by area. District wetland hectares sum to the printed 3,474,951. The category table’s areas sum to 3,474,950. Both totals are kept. The district-total row prints 14.06 percent of geographic area as wetland; a sentence in the same source prints 17.56. Both are kept. Open-water area after the monsoon is 1,150,755 hectares and before the monsoon 732,481. That is a water-spread area. It is not a storage in million cubic metres.

District as printed	Geographic sq km	Wetland ha	% of state wetland	% of district area
Kachchh	45,652	2,360,909	67.94	51.72
Banaskantha	12,703	43,491	1.25	3.42
Patan	5,738	34,268	0.99	5.97
Mehsana	4,386	8,462	0.24	1.93
Sabarkantha	7,390	42,653	1.23	5.77
Gandhinagar	649	4,263	0.12	6.57
Ahmadabad	8,707	63,303	1.82	7.27
Surendranagar	10,489	52,896	1.52	5.04
Rajkot	11,203	55,820	1.61	4.98
Jamnagar	14,125	198,657	5.72	14.06
Porbandar	2,294	22,199	0.64	9.68
Junagadh	8,839	30,563	0.88	3.46
Amreli	6,760	28,505	0.82	4.22
Bhavnagar	11,155	85,895	2.47	7.7
Anand	2,942	67,570	1.94	22.97
Kheda	4,215	14,415	0.41	3.42
Panch Mahals	5,219	38,049	1.09	7.29
Dohad	3,642	15,092	0.43	4.14
Vadodara	7,794	35,553	1.02	4.56
Narmada	2,749	22,501	0.65	8.19
Bharuch	6,524	112,453	3.24	17.24
Surat	7,657	86,062	2.48	11.24
The Dangs	1,764	4,368	0.13	2.48
Navsari	2,211	23,888	0.69	10.8
Valsad	3,034	23,116	0.67	7.62
TOTAL as printed	197,841	3,474,951	100	14.06

Source: national wetland atlas, Gujarat, Table 5, as stored. The total row is the printed total.

The first census of water bodies prints a state count of 54,069. Rural 53,156 and urban 913 sum to that count. Natural 16,966 and man-made 37,103 sum to it. In use, 53,903. Not in use, 166. The water-spread class counts sum to 54,057, not to 54,069, so they are not forced. These are counts. They are not a district map, and the 667 reservoirs in the type list are not the present-storage bulletin.

Group	As printed	Value	Percent as printed
All water bodies	Total	54,069	—
All water bodies	Rural	53,156	98.31
All water bodies	Urban	913	1.69
Type	Ponds	4,711	8.71
Type	Tanks	22,963	42.47
Type	Lakes	12	0.02
Type	Reservoirs	667	1.23
Type	Water conservation schemes, percolation tanks and check dams	25,667	47.47
Type	Others	49	0.09
Ownership	Private	90	0.17
Location	DPAP	285	0.53
Location	Tribal	11,174	20.67
Location	DDP	2,323	4.3
Location	Flood prone	0	0
Location	Naxal affected area	0	0
Location	Others	40,287	74.51
Use	Irrigation	26,999	50.09
Use	Industrial	0	0
Use	Pisciculture	23,669	43.91
Use	Domestic or drinking	149	0.28
Use	Recreation	152	0.28
Use	Religious	20	0.04
Use	Ground water recharge	2,889	5.36
Use	Others	25	0.05
Origin	Natural	16,966	31.38
Origin	Man made	37,103	68.62
Not in use	Dried up	3	1.81
Not in use	Construction	5	3.01
Not in use	Siltation	9	5.42
Not in use	Destroyed beyond repair	0	0
Not in use	Salinity	0	0
Not in use	Industrial effluents	0	0
Not in use	Others	149	89.76
Filling	Filled up every year	27,643	97.5
Filling	Usually filled up	709	2.5
Filling	Rarely filled up	1	0
Filling	Never filled up	0	0
Towns benefitted	1	53,707	99.64
Towns benefitted	2 to 5	182	0.34

Group	As printed	Value	Percent as printed
Towns benefitted	6 to 10	5	0.01
Towns benefitted	11 to 20	5	0.01
Towns benefitted	21 to 50	4	0.01
Towns benefitted	50 to 500	0	0
Water spread	Less than 0.5 hectares	361	0.67
Water spread	0.5 to 1.0 hectares	15,713	29.07
Water spread	1 to 5 hectares	36,923	68.3
Water spread	5 to 10 hectares	817	1.51
Water spread	10 to 50 hectares	186	0.34
Water spread	More than 50 hectares	57	0.11
Storage class	0 to 100 cubic metres	25,716	47.56
Storage class	100 to 1000 cubic metres	34	0.06
Storage class	1000 to 10000 cubic metres	8,122	15.02
Storage class	More than 10000 cubic metres	20,197	37.35
Encroached	Encroached water bodies	22	0.04

State census annexure. A zero is a printed zero. No district split is implied.

The balance sheet that leaves a blank

An integrated water balance would show, for one geography and one period, the water that arrived, the water that was taken, and the residual, in one unit. The spine has the pieces. It does not have the residual.

On each of the 33 district rows the 2025 groundwater account is complete in its own columns: extractable resource, irrigation, industry, domestic, the total, the allocation, future availability, and the stage. Where the 2017–18 department supply uses the same printed words, those million litres sit on the same row. The integrated-residual column is empty on every row, including the rows with no supply join.

The empty cell is required. A million litres of 2017–18 cannot be subtracted from a hectare-metre of 2025. A regional quota cannot be copied onto a district. Evapotranspiration from a portal that returned no Gujarat rows cannot be used as the missing use. An older state draft of 13.300 billion cubic metres cannot be used as the residual against 14.33. A crop hectare and a livestock head cannot be turned into a use without a printed requirement.

So the balance credit is 40. The district groundwater account is real, the supply of one earlier year is real where the name matches, and the single residual is not. Leaving the column blank is the finding.

Chhotaudepur and Mehsana remain on their own supply rows, as already stated, so that a helpful join does not quietly create a district the spelling did not authorise.

Programmes that are not the whole district

Four workstreams describe the watershed programme: project land and irrigation status, additional irrigation area, farmers benefited, and water-harvesting structures. They sit at 25, 25, 25 and 30. Together they are the largest single reason the index cannot reach 90 by another download of the same kind.

The project-area rows are real. A district roll-up of the same programme is still the programme. Ahmadabad’s project area on the department’s district page is a project hectare. The land-use table already holds the district’s irrigated hectares by source. Replacing one with the other, or adding them, would describe a coverage the programme did not claim.

Completed works under a later state reply, counted by district, are another programme’s structures. They are not the cultivated area, and they are not the 2025 groundwater account. The 2026–27 structure counts in the loaded series are partial. A partial year is not annualised.

Geometry, provenance, and the gate

Thirty-three Survey of India district polygons, for the state, are in the spine and joined by local-government code. Water-body polygons remain in their source archive. District and basin plates are drawn in chapter 03B from the stored GIS. The atlas hub still does not replace this volume.

Provenance and quality assurance stay at 50. The source register, the evidence register and the change log exist. The change log ends at V1.0-GJ-B79, the livestock census. Visual sign-off of the long tables, and a pass that would let the acceptance line move, have not been given. Conditional acceptance is still acceptance withheld.

What would still move a single credit, and still would not close the 90 percent bar, is specific. A reservoir bulletin that actually names the districts missing on 13 May 2025. The Narmada Control Authority’s annual water account, year by year. A current district domestic demand in cubic metres for all 33 districts. An operating return for a desalination plant. A printed livestock requirement, or a printed crop requirement, would change the balance. None of those is invented in order to finish the book.

The watershed credits have no such door. District land is already in the agriculture chapter. Project hectares are not the rest of the district.

The district register

Each plate uses the district name on the 2025 groundwater sheet, in that sheet’s order. Another table contributes a sentence only when it prints the same words, ignoring case and reading a hyphen as a space. A different spelling stays on its own table. Nothing in this register is a rank, a grade, or a remedy.

Ahmedabad

Ahmedabad, in the 2025 district groundwater account, has an annual extractable resource of 42,258.26 hectare-metres and a total extraction of 30,738.68 hectare-metres. The printed stage is 72.74 percent. Irrigation is 24,586.2, industrial 3,489.57, and domestic 2,662.91. Future availability is printed as 16,338.36 hectare-metres. The allocation figure 2,979.72 hectare-metres is kept under both headings that the assessment uses: “as on 2025” on Table 14, and 2030 on the district sheet.

The 2024 district sheet, under the same words, prints a stage of 73.63 percent. The two years are not averaged. The 13 May 2025 bulletin has no row under this exact name. The missing row is not entered as zero. Statement 3.1 prints rainfall of 756 mm in 2024 and 721 mm in 2017, under this name. The state average is a separate row. Census 2011 prints a population of 7,059,056, of which rural 1,030,904 and urban 6,028,152. Department supply in 2017–18 prints a source total of 32,607.23 million litres under this name. That supply is not subtracted from the 2025 account. No livestock-census row uses this exact name. The census table keeps its own spellings, and no headcount is inferred. No wetland-atlas district row uses this exact name. Later districts are absent from that atlas, not zero. Gross irrigated area in 2023–24 prints government canal 174,575 hectares and tubewell 130,861 hectares. Private canal is blank. Net area is a separate measure and is not added.

Amreli

Amreli, in the 2025 district groundwater account, has an annual extractable resource of 144,664.55 hectare-metres and a total extraction of 82,905.02 hectare-metres. The printed stage is 57.31 percent. Irrigation is 81,614.4, industrial 73.65, and domestic 1,216.98. Future availability is printed as 61,636.38 hectare-metres. The allocation figure 1,340.12 hectare-metres is kept under both headings that the assessment uses: “as on 2025” on Table 14, and 2030 on the district sheet.

The 2024 district sheet, under the same words, prints a stage of 55.35 percent. The two years are not averaged. On 13 May 2025 the bulletin prints design live storage of 138.73 MCM and present live storage of 41.5 MCM. Statement 3.1 prints rainfall of 866 mm in 2024 and 604 mm in 2017, under this name. The state average is a separate row. Census 2011 prints a population of 1,504,639, of which rural 1,118,004 and urban 386,635. Department supply in 2017–18 prints a source total of 30,285.01 million litres under this name. That supply is not subtracted from the 2025 account. The 2019 livestock census, under this name, prints cattle 207,241, buffaloes 178,787 and pigs 0. These are headcounts. The wetland atlas, under this name, prints 28,505 hectares of wetland. Gross irrigated area in 2023–24 prints government canal 53,022 hectares and tubewell 290,643 hectares. Private canal is blank. Net area is a separate measure and is not added.

Anand

Anand, in the 2025 district groundwater account, has an annual extractable resource of 110,794.74 hectare-metres and a total extraction of 32,617.81 hectare-metres. The printed stage is 29.44 percent. Irrigation is 26,367.9, industrial 2,623.7, and domestic 3,626.23. Future availability is printed as 77,621.12 hectare-metres. The allocation figure 4,182.04 hectare-metres is kept under both headings that the assessment uses: “as on 2025” on Table 14, and 2030 on the district sheet.

The 2024 district sheet, under the same words, prints a stage of 27.58 percent. The two years are not averaged. The 13 May 2025 bulletin has no row under this exact name. The missing row is not entered as zero. Statement 3.1 prints rainfall of 1,226 mm in 2024 and 715 mm in 2017, under this name. The state average is a separate row. Census 2011 prints a population of 2,078,654, of which rural 1,443,667 and urban 634,987. Department supply in 2017–18 prints a source total of 6,959.74 million litres under this name. That supply is not subtracted from the 2025 account. The 2019 livestock census, under this name, prints cattle 273,505, buffaloes 460,860 and pigs 246. These are headcounts. The wetland atlas, under this name, prints 67,570 hectares of wetland. Gross irrigated area in 2023–24 prints government canal 240,492 hectares and tubewell 106,220 hectares. Private canal is blank. Net area is a separate measure and is not added.

Arvalli

Arvalli, in the 2025 district groundwater account, has an annual extractable resource of 86,429.06 hectare-metres and a total extraction of 38,021.78 hectare-metres. The printed stage is 43.99 percent. Irrigation is 35,907.6, industrial 25.05, and domestic 2,089.12. Future availability is printed as 47,968.29 hectare-metres. The allocation figure 2,528.1 hectare-metres is kept under both headings that the assessment uses: “as on 2025” on Table 14, and 2030 on the district sheet.

The 2024 district sheet, under the same words, prints a stage of 42.67 percent. The two years are not averaged. On 13 May 2025 the bulletin prints design live storage of 386.65 MCM and present live storage of 146.5 MCM. Statement 3.1 prints rainfall of 996 mm in 2024 and 887 mm in 2017, under this name. The state average is a separate row. Census 2011 prints a population of 1,023,724, of which rural 897,162 and urban 126,562. Department supply in 2017–18 prints a source total of 3,118.16 million litres under this name. That supply is not subtracted from the 2025 account. The 2019 livestock census, under this name, prints cattle 425,032, buffaloes 384,808 and pigs 0. These are headcounts. No wetland-atlas district row uses this exact name. Later districts are absent from that atlas, not zero. Gross irrigated area in 2023–24 prints government canal 46,733 hectares and tubewell 80,435 hectares. Private canal is blank. Net area is a separate measure and is not added.

Banaskantha

Banaskantha, in the 2025 district groundwater account, has an annual extractable resource of 118,909.66 hectare-metres and a total extraction of 144,442.01 hectare-metres. The printed stage is 121.47 percent. Irrigation is 140,057.2, industrial 41.79, and domestic 4,343.01. Future availability is printed as 11,586.86 hectare-metres. The allocation figure 5,799.84 hectare-metres is kept under both headings that the assessment uses: “as on 2025” on Table 14, and 2030 on the district sheet.

The 2024 district sheet, under the same words, prints a stage of 119.81 percent. The two years are not averaged. On 13 May 2025 the bulletin prints design live storage of 559.08 MCM and present live storage of 41.81 MCM. No rainfall row in statement 3.1 uses this exact name. The rainfall table keeps its own spellings. No Census 2011 row uses this exact name. Department supply in 2017–18 prints a source total of 58,911.83 million litres under this name. That supply is not subtracted from the 2025 account. No livestock-census row uses this exact name. The census table keeps its own spellings, and no headcount is inferred. The wetland atlas, under this name, prints 43,491 hectares of wetland.

Bharuch

Bharuch, in the 2025 district groundwater account, has an annual extractable resource of 63,557.66 hectare-metres and a total extraction of 17,321.76 hectare-metres. The printed stage is 27.25 percent. Irrigation is 14,124.7, industrial 1,339.77, and domestic 1,857.29. Future availability is printed as 45,938.53 hectare-metres. The allocation figure 2,154.67 hectare-metres is kept under both headings that the assessment uses: “as on 2025” on Table 14, and 2030 on the district sheet.

The 2024 district sheet, under the same words, prints a stage of 26.64 percent. The two years are not averaged. On 13 May 2025 the bulletin prints design live storage of 27.67 MCM and present live storage of 13.02 MCM. Statement 3.1 prints rainfall of 1,346 mm in 2024 and 772 mm in 2017, under this name. The state average is a separate row. Census 2011 prints a population of 1,551,019, of which rural 1,026,060 and urban 524,959. Department supply in 2017–18 prints a source total of 14,317.26 million litres under this name. That supply is not subtracted from the 2025 account. The 2019 livestock census, under this name, prints cattle 122,344, buffaloes 162,523 and pigs 0. These are headcounts. The wetland atlas, under this name, prints 112,453 hectares of wetland. Gross irrigated area in 2023–24 prints government canal 88,133 hectares and tubewell 39,632 hectares. Private canal is blank. Net area is a separate measure and is not added.

Bhavnagar

Bhavnagar, in the 2025 district groundwater account, has an annual extractable resource of 106,253.72 hectare-metres and a total extraction of 47,701.37 hectare-metres. The printed stage is 44.89 percent. Irrigation is 44,384.8, industrial 79.12, and domestic 3,237.45. Future availability is printed as 57,876.9 hectare-metres. The allocation figure 3,912.91 hectare-metres is kept under both headings that the assessment uses: “as on 2025” on Table 14, and 2030 on the district sheet.

The 2024 district sheet, under the same words, prints a stage of 42.71 percent. The two years are not averaged. On 13 May 2025 the bulletin prints design live storage of 462.23 MCM and present live storage of 159.37 MCM. Statement 3.1 prints rainfall of 830 mm in 2024 and 585 mm in 2017, under this name. The state average is a separate row. Census 2011 prints a population of 2,410,211, of which rural 1,402,457 and urban 1,007,754. Department supply in 2017–18 prints a source total of 53,460.84 million litres under this name. That supply is not subtracted from the 2025 account. The 2019 livestock census, under this name, prints cattle 226,407, buffaloes 291,930 and pigs 0. These are headcounts. The wetland atlas, under this name, prints 85,895 hectares of wetland. Gross irrigated area in 2023–24 prints government canal 121,319 hectares and tubewell 8,256 hectares. Private canal is blank. Net area is a separate measure and is not added.

Botad

Botad, in the 2025 district groundwater account, has an annual extractable resource of 43,035.49 hectare-metres and a total extraction of 24,644.43 hectare-metres. The printed stage is 57.27 percent. Irrigation is 23,708.1, industrial 16.58, and domestic 919.77. Future availability is printed as 18,199.17 hectare-metres. The allocation figure 1,111.67 hectare-metres is kept under both headings that the assessment uses: “as on 2025” on Table 14, and 2030 on the district sheet.

The 2024 district sheet, under the same words, prints a stage of 57.14 percent. The two years are not averaged. On 13 May 2025 the bulletin prints design live storage of 102.47 MCM and present live storage of 28.65 MCM. Statement 3.1 prints rainfall of 729 mm in 2024 and 754 mm in 2017, under this name. The state average is a separate row. Census 2011 prints a population of 653,814, of which rural 444,272 and urban 209,542. Department supply in 2017–18 prints a source total of 18,719.47 million litres under this name. That supply is not subtracted from the 2025 account. The 2019 livestock census, under this name, prints cattle 175,347, buffaloes 75,116 and pigs 0. These are headcounts. No wetland-atlas district row uses this exact name. Later districts are absent from that atlas, not zero. Gross irrigated area in 2023–24 prints government canal 31,249 hectares and tubewell 87,477 hectares. Private canal is blank. Net area is a separate measure and is not added.

Chhota Udepur

Chhota Udepur, in the 2025 district groundwater account, has an annual extractable resource of 56,983.89 hectare-metres and a total extraction of 25,844.31 hectare-metres. The printed stage is 45.35 percent. Irrigation is 23,578.4, industrial 1.13, and domestic 2,264.8. Future availability is printed as 30,742.27 hectare-metres. The allocation figure 2,662.11 hectare-metres is kept under both headings that the assessment uses: “as on 2025” on Table 14, and 2030 on the district sheet.

The 2024 district sheet, under the same words, prints a stage of 43.28 percent. The two years are not averaged. The 13 May 2025 bulletin has no row under this exact name. The missing row is not entered as zero. Statement 3.1 prints rainfall of 1,379 mm in 2024 and 835 mm in 2017, under this name. The state average is a separate row. Census 2011 prints a population of 1,071,831, of which rural 999,416 and urban 72,415. No 2017–18 supply row uses this exact name. A differently spelled supply row is not brought onto this page. No livestock-census row uses this exact name. The census table keeps its own spellings, and no headcount is inferred. No wetland-atlas district row uses this exact name. Later districts are absent from that atlas, not zero.

Dahod

Dahod, in the 2025 district groundwater account, has an annual extractable resource of 34,036.87 hectare-metres and a total extraction of 13,864.44 hectare-metres. The printed stage is 40.73 percent. Irrigation is 11,500.8, industrial 3.31, and domestic 2,360.33. Future availability is printed as 19,142.97 hectare-metres. The allocation figure 3,389.79 hectare-metres is kept under both headings that the assessment uses: “as on 2025” on Table 14, and 2030 on the district sheet.

The 2024 district sheet, under the same words, prints a stage of 37.97 percent. The two years are not averaged. On 13 May 2025 the bulletin prints design live storage of 134.33 MCM and present live storage of 39.3 MCM. Statement 3.1 prints rainfall of 911 mm in 2024 and 658 mm in 2017, under this name. The state average is a separate row. Census 2011 prints a population of 2,127,086, of which rural 1,935,461 and urban 191,625. Department supply in 2017–18 prints a source total of 6,770.09 million litres under this name. That supply is not subtracted from the 2025 account. No livestock-census row uses this exact name. The census table keeps its own spellings, and no headcount is inferred. No wetland-atlas district row uses this exact name. Later districts are absent from that atlas, not zero. Gross irrigated area in 2023–24 prints government canal 71,028 hectares and tubewell 11,723 hectares. Private canal is blank. Net area is a separate measure and is not added.

Dang

Dang, in the 2025 district groundwater account, has an annual extractable resource of 31,191.34 hectare-metres and a total extraction of 3,955.85 hectare-metres. The printed stage is 12.68 percent. Irrigation is 3,451.7, industrial 1.28, and domestic 502.85. Future availability is printed as 27,092.24 hectare-metres. The allocation figure 646.11 hectare-metres is kept under both headings that the assessment uses: “as on 2025” on Table 14, and 2030 on the district sheet.

The 2024 district sheet, under the same words, prints a stage of 13.39 percent. The two years are not averaged. The 13 May 2025 bulletin has no row under this exact name. The missing row is not entered as zero. No rainfall row in statement 3.1 uses this exact name. The rainfall table keeps its own spellings. No Census 2011 row uses this exact name. Department supply in 2017–18 prints a source total of 1,388.9 million litres under this name. That supply is not subtracted from the 2025 account. The 2019 livestock census, under this name, prints cattle 74,901, buffaloes 23,235 and pigs 64. These are headcounts. No wetland-atlas district row uses this exact name. Later districts are absent from that atlas, not zero.

Devbhumi Dwarka

Devbhumi Dwarka, in the 2025 district groundwater account, has an annual extractable resource of 43,593.3 hectare-metres and a total extraction of 30,656.11 hectare-metres. The printed stage is 70.32 percent. Irrigation is 28,955.7, industrial 100.28, and domestic 1,600.12. Future availability is printed as 12,674.36 hectare-metres. The allocation figure 1,862.95 hectare-metres is kept under both headings that the assessment uses: “as on 2025” on Table 14, and 2030 on the district sheet.

The 2024 district sheet, under the same words, prints a stage of 68.27 percent. The two years are not averaged. On 13 May 2025 the bulletin prints design live storage of 133.35 MCM and present live storage of 4.64 MCM. Statement 3.1 prints rainfall of 2,097 mm in 2024 and 689 mm in 2017, under this name. The state average is a separate row. Census 2011 prints a population of 748,227, of which rural 506,432 and urban 241,795. Department supply in 2017–18 prints a source total of 15,519.1 million litres under this name. That supply is not subtracted from the 2025 account. The 2019 livestock census, under this name, prints cattle 126,026, buffaloes 284,636 and pigs 0. These are headcounts. No wetland-atlas district row uses this exact name. Later districts are absent from that atlas, not zero. Gross irrigated area in 2023–24 prints government canal 7,338 hectares and tubewell 126,690 hectares. Private canal is blank. Net area is a separate measure and is not added.

Gandhinagar

Gandhinagar, in the 2025 district groundwater account, has an annual extractable resource of 57,791.12 hectare-metres and a total extraction of 64,309.15 hectare-metres. The printed stage is 111.28 percent. Irrigation is 62,018, industrial 926.14, and domestic 1,365. Future availability is printed as 9,669.31 hectare-metres. The allocation figure 1,886.79 hectare-metres is kept under both headings that the assessment uses: “as on 2025” on Table 14, and 2030 on the district sheet.

The 2024 district sheet, under the same words, prints a stage of 102.67 percent. The two years are not averaged. The 13 May 2025 bulletin has no row under this exact name. The missing row is not entered as zero. Statement 3.1 prints rainfall of 964 mm in 2024 and 1,184 mm in 2017, under this name. The state average is a separate row. Census 2011 prints a population of 1,391,753, of which rural 791,126 and urban 600,627. Department supply in 2017–18 prints a source total of 57,738.67 million litres under this name. That supply is not subtracted from the 2025 account. The 2019 livestock census, under this name, prints cattle 184,736, buffaloes 322,574 and pigs 0. These are headcounts. The wetland atlas, under this name, prints 4,263 hectares of wetland. Gross irrigated area in 2023–24 prints government canal 23,423 hectares and tubewell 150,487 hectares. Private canal is blank. Net area is a separate measure and is not added.

Gir Somnath

Gir Somnath, in the 2025 district groundwater account, has an annual extractable resource of 70,296.46 hectare-metres and a total extraction of 34,478.69 hectare-metres. The printed stage is 49.05 percent. Irrigation is 31,369.5, industrial 77, and domestic 3,032.2. Future availability is printed as 35,377.61 hectare-metres. The allocation figure 3,472.37 hectare-metres is kept under both headings that the assessment uses: “as on 2025” on Table 14, and 2030 on the district sheet.

The 2024 district sheet, under the same words, prints a stage of 47.62 percent. The two years are not averaged. On 13 May 2025 the bulletin prints design live storage of 121.79 MCM and present live storage of 36.07 MCM. Statement 3.1 prints rainfall of 1,204 mm in 2024 and 1,079 mm in 2017, under this name. The state average is a separate row. Census 2011 prints a population of 1,210,749, of which rural 877,740 and urban 333,009. Department supply in 2017–18 prints a source total of 16,672.45 million litres under this name. That supply is not subtracted from the 2025 account. The 2019 livestock census, under this name, prints cattle 212,526, buffaloes 193,958 and pigs 0. These are headcounts. No wetland-atlas district row uses this exact name. Later districts are absent from that atlas, not zero. Gross irrigated area in 2023–24 prints government canal 48,725 hectares and tubewell 22,913 hectares. Private canal is blank. Net area is a separate measure and is not added.

Jamnagar

Jamnagar, in the 2025 district groundwater account, has an annual extractable resource of 130,650.96 hectare-metres and a total extraction of 56,991.57 hectare-metres. The printed stage is 43.62 percent. Irrigation is 54,491.6, industrial 46.42, and domestic 2,453.55. Future availability is printed as 73,256.38 hectare-metres. The allocation figure 2,856.56 hectare-metres is kept under both headings that the assessment uses: “as on 2025” on Table 14, and 2030 on the district sheet.

The 2024 district sheet, under the same words, prints a stage of 40.11 percent. The two years are not averaged. On 13 May 2025 the bulletin prints design live storage of 272.18 MCM and present live storage of 49.58 MCM. Statement 3.1 prints rainfall of 1,290 mm in 2024 and 674 mm in 2017, under this name. The state average is a separate row. Census 2011 prints a population of 1,389,283, of which rural 660,013 and urban 729,270. Department supply in 2017–18 prints a source total of 83,023.95 million litres under this name. That supply is not subtracted from the 2025 account. The 2019 livestock census, under this name, prints cattle 139,176, buffaloes 162,333 and pigs 53. These are headcounts. The wetland atlas, under this name, prints 198,657 hectares of wetland. Gross irrigated area in 2023–24 prints government canal 66,177 hectares and tubewell 80,860 hectares. Private canal is blank. Net area is a separate measure and is not added.

Junagadh

Junagadh, in the 2025 district groundwater account, has an annual extractable resource of 150,807.86 hectare-metres and a total extraction of 71,505.12 hectare-metres. The printed stage is 47.41 percent. Irrigation is 68,228.65, industrial 79.28, and domestic 3,197.18. Future availability is printed as 78,655.12 hectare-metres. The allocation figure 3,844.8 hectare-metres is kept under both headings that the assessment uses: “as on 2025” on Table 14, and 2030 on the district sheet.

The 2024 district sheet, under the same words, prints a stage of 45.6 percent. The two years are not averaged. On 13 May 2025 the bulletin prints design live storage of 145.36 MCM and present live storage of 47.6 MCM. Statement 3.1 prints rainfall of 1,862 mm in 2024 and 879 mm in 2017, under this name. The state average is a separate row. Census 2011 prints a population of 1,525,690, of which rural 952,287 and urban 573,403. Department supply in 2017–18 prints a source total of 12,572.29 million litres under this name. That supply is not subtracted from the 2025 account. The 2019 livestock census, under this name, prints cattle 165,769, buffaloes 211,414 and pigs 20. These are headcounts. The wetland atlas, under this name, prints 30,563 hectares of wetland. Gross irrigated area in 2023–24 prints government canal 50,379 hectares and tubewell — hectares. Private canal is blank. Net area is a separate measure and is not added.

Kachchh

Kachchh, in the 2025 district groundwater account, has an annual extractable resource of 89,915.86 hectare-metres and a total extraction of 46,567.54 hectare-metres. The printed stage is 51.79 percent. Irrigation is 44,383.5, industrial 1,076.96, and domestic 1,107.09. Future availability is printed as 43,127.68 hectare-metres. The allocation figure 1,635.71 hectare-metres is kept under both headings that the assessment uses: “as on 2025” on Table 14, and 2030 on the district sheet.

The 2024 district sheet, under the same words, prints a stage of 54.43 percent. The two years are not averaged. On 13 May 2025 the bulletin prints design live storage of 297.5 MCM and present live storage of 78.34 MCM. Statement 3.1 prints rainfall of 915 mm in 2024 and 464 mm in 2017, under this name. The state average is a separate row. Census 2011 prints a population of 2,092,371, of which rural 1,363,836 and urban 728,535. Department supply in 2017–18 prints a source total of 124,479.46 million litres under this name. That supply is not subtracted from the 2025 account. The 2019 livestock census, under this name, prints cattle 574,837, buffaloes 466,341 and pigs 0. These are headcounts. The wetland atlas, under this name, prints 2,360,909 hectares of wetland. Gross irrigated area in 2023–24 prints government canal 208,671 hectares and tubewell 115,795 hectares. Private canal is blank. Net area is a separate measure and is not added.

Kheda

Kheda, in the 2025 district groundwater account, has an annual extractable resource of 79,362.14 hectare-metres and a total extraction of 32,859.69 hectare-metres. The printed stage is 41.4 percent. Irrigation is 29,308.7, industrial 631.15, and domestic 2,919.86. Future availability is printed as 46,046.92 hectare-metres. The allocation figure 3,375.37 hectare-metres is kept under both headings that the assessment uses: “as on 2025” on Table 14, and 2030 on the district sheet.

The 2024 district sheet, under the same words, prints a stage of 38.61 percent. The two years are not averaged. On 13 May 2025 the bulletin prints design live storage of 2.62 MCM and present live storage of 0.56 MCM. Statement 3.1 prints rainfall of 1,183 mm in 2024 and 858 mm in 2017, under this name. The state average is a separate row. Census 2011 prints a population of 2,067,860, of which rural 1,593,819 and urban 474,041. Department supply in 2017–18 prints a source total of 15,609.65 million litres under this name. That supply is not subtracted from the 2025 account. The 2019 livestock census, under this name, prints cattle 265,460, buffaloes 616,160 and pigs 13. These are headcounts. The wetland atlas, under this name, prints 14,415 hectares of wetland. Gross irrigated area in 2023–24 prints government canal 146,417 hectares and tubewell 187,904 hectares. Private canal is blank. Net area is a separate measure and is not added.

Mahesana

Mahesana, in the 2025 district groundwater account, has an annual extractable resource of 74,550.7 hectare-metres and a total extraction of 81,069.07 hectare-metres. The printed stage is 108.74 percent. Irrigation is 78,663.2, industrial 942.02, and domestic 1,463.85. Future availability is printed as 6,308.82 hectare-metres. The allocation figure 1,651.16 hectare-metres is kept under both headings that the assessment uses: “as on 2025” on Table 14, and 2030 on the district sheet.

The 2024 district sheet, under the same words, prints a stage of 109.67 percent. The two years are not averaged. On 13 May 2025 the bulletin prints design live storage of 745.63 MCM and present live storage of 272.69 MCM. Statement 3.1 prints rainfall of 986 mm in 2024 and 819 mm in 2017, under this name. The state average is a separate row. Census 2011 prints a population of 2,044,788, of which rural 1,530,458 and urban 514,330. No 2017–18 supply row uses this exact name. A differently spelled supply row is not brought onto this page. The 2019 livestock census, under this name, prints cattle 323,858, buffaloes 488,302 and pigs 1. These are headcounts. No wetland-atlas district row uses this exact name. Later districts are absent from that atlas, not zero. Gross irrigated area in 2023–24 prints government canal 161,177 hectares and tubewell 192,271 hectares. Private canal is blank. Net area is a separate measure and is not added.

Mahisagar

Mahisagar, in the 2025 district groundwater account, has an annual extractable resource of 30,719.91 hectare-metres and a total extraction of 15,524.4 hectare-metres. The printed stage is 50.54 percent. Irrigation is 14,594, industrial 12.68, and domestic 917.71. Future availability is printed as 15,006.04 hectare-metres. The allocation figure 1,107.19 hectare-metres is kept under both headings that the assessment uses: “as on 2025” on Table 14, and 2030 on the district sheet.

The 2024 district sheet, under the same words, prints a stage of 49.09 percent. The two years are not averaged. On 13 May 2025 the bulletin prints design live storage of 1,810.12 MCM and present live storage of 781.02 MCM. Statement 3.1 prints rainfall of 1,066 mm in 2024 and 606 mm in 2017, under this name. The state average is a separate row. Census 2011 prints a population of 994,624, of which rural 888,637 and urban 105,987. Department supply in 2017–18 prints a source total of 17,528.75 million litres under this name. That supply is not subtracted from the 2025 account. The 2019 livestock census, under this name, prints cattle 308,108, buffaloes 406,003 and pigs 0. These are headcounts. No wetland-atlas district row uses this exact name. Later districts are absent from that atlas, not zero. Gross irrigated area in 2023–24 prints government canal 55,291 hectares and tubewell 19,053 hectares. Private canal is blank. Net area is a separate measure and is not added.

Morbi

Morbi, in the 2025 district groundwater account, has an annual extractable resource of 67,620.3 hectare-metres and a total extraction of 34,992.06 hectare-metres. The printed stage is 51.75 percent. Irrigation is 33,312, industrial 192.06, and domestic 1,488.01. Future availability is printed as 32,254.46 hectare-metres. The allocation figure 1,861.79 hectare-metres is kept under both headings that the assessment uses: “as on 2025” on Table 14, and 2030 on the district sheet.

The 2024 district sheet, under the same words, prints a stage of 50.94 percent. The two years are not averaged. On 13 May 2025 the bulletin prints design live storage of 297.91 MCM and present live storage of 53.07 MCM. Statement 3.1 prints rainfall of 983 mm in 2024 and 952 mm in 2017, under this name. The state average is a separate row. Census 2011 prints a population of 970,548, of which rural 612,128 and urban 358,420. Department supply in 2017–18 prints a source total of 37,898.58 million litres under this name. That supply is not subtracted from the 2025 account. The 2019 livestock census, under this name, prints cattle 141,984, buffaloes 174,976 and pigs 0. These are headcounts. No wetland-atlas district row uses this exact name. Later districts are absent from that atlas, not zero. Gross irrigated area in 2023–24 prints government canal 177,223 hectares and tubewell 87,640 hectares. Private canal is blank. Net area is a separate measure and is not added.

Narmada

Narmada, in the 2025 district groundwater account, has an annual extractable resource of 38,657.36 hectare-metres and a total extraction of 25,842.19 hectare-metres. The printed stage is 66.85 percent. Irrigation is 25,284.1, industrial 5.4, and domestic 552.67. Future availability is printed as 12,713.52 hectare-metres. The allocation figure 654.33 hectare-metres is kept under both headings that the assessment uses: “as on 2025” on Table 14, and 2030 on the district sheet.

The 2024 district sheet, under the same words, prints a stage of 63.14 percent. The two years are not averaged. On 13 May 2025 the bulletin prints design live storage of 529.12 MCM and present live storage of 283.46 MCM. Statement 3.1 prints rainfall of 1,744 mm in 2024 and 989 mm in 2017, under this name. The state average is a separate row. Census 2011 prints a population of 590,297, of which rural 528,425 and urban 61,872. Department supply in 2017–18 prints a source total of 1,501.71 million litres under this name. That supply is not subtracted from the 2025 account. The 2019 livestock census, under this name, prints cattle 177,550, buffaloes 76,314 and pigs 5. These are headcounts. The wetland atlas, under this name, prints 22,501 hectares of wetland. Gross irrigated area in 2023–24 prints government canal 20,985 hectares and tubewell 4,773 hectares. Private canal is blank. Net area is a separate measure and is not added.

Navsari

Navsari, in the 2025 district groundwater account, has an annual extractable resource of 77,165.39 hectare-metres and a total extraction of 23,997.31 hectare-metres. The printed stage is 31.1 percent. Irrigation is 21,009.6, industrial 275.88, and domestic 2,711.81. Future availability is printed as 52,907.11 hectare-metres. The allocation figure 2,972.77 hectare-metres is kept under both headings that the assessment uses: “as on 2025” on Table 14, and 2030 on the district sheet.

The 2024 district sheet, under the same words, prints a stage of 29.53 percent. The two years are not averaged. On 13 May 2025 the bulletin prints design live storage of 41.52 MCM and present live storage of 5.65 MCM. Statement 3.1 prints rainfall of 2,871 mm in 2024 and 1,673 mm in 2017, under this name. The state average is a separate row. Census 2011 prints a population of 1,329,672, of which rural 920,535 and urban 409,137. Department supply in 2017–18 prints a source total of 4,793.79 million litres under this name. That supply is not subtracted from the 2025 account. The 2019 livestock census, under this name, prints cattle 231,544, buffaloes 61,865 and pigs 58. These are headcounts. The wetland atlas, under this name, prints 23,888 hectares of wetland. Gross irrigated area in 2023–24 prints government canal 61,573 hectares and tubewell 19,674 hectares. Private canal is blank. Net area is a separate measure and is not added.

Panchmahal

Panchmahal, in the 2025 district groundwater account, has an annual extractable resource of 54,298.11 hectare-metres and a total extraction of 14,686.57 hectare-metres. The printed stage is 27.05 percent. Irrigation is 12,748.3, industrial 374.51, and domestic 1,563.74. Future availability is printed as 39,252.42 hectare-metres. The allocation figure 1,922.87 hectare-metres is kept under both headings that the assessment uses: “as on 2025” on Table 14, and 2030 on the district sheet.

The 2024 district sheet, under the same words, prints a stage of 23.91 percent. The two years are not averaged. On 13 May 2025 the bulletin prints design live storage of 101.41 MCM and present live storage of 43.71 MCM. No rainfall row in statement 3.1 uses this exact name. The rainfall table keeps its own spellings. No Census 2011 row uses this exact name. Department supply in 2017–18 prints a source total of 19,694.57 million litres under this name. That supply is not subtracted from the 2025 account. No livestock-census row uses this exact name. The census table keeps its own spellings, and no headcount is inferred. No wetland-atlas district row uses this exact name. Later districts are absent from that atlas, not zero.

Patan

Patan, in the 2025 district groundwater account, has an annual extractable resource of 37,610.31 hectare-metres and a total extraction of 44,595.91 hectare-metres. The printed stage is 118.57 percent. Irrigation is 43,628.57, industrial 29.15, and domestic 938.2. Future availability is printed as 11.7 hectare-metres. The allocation figure 1,093.61 hectare-metres is kept under both headings that the assessment uses: “as on 2025” on Table 14, and 2030 on the district sheet.

The 2024 district sheet, under the same words, prints a stage of 112.1 percent. The two years are not averaged. The 13 May 2025 bulletin has no row under this exact name. The missing row is not entered as zero. Statement 3.1 prints rainfall of 705 mm in 2024 and 932 mm in 2017, under this name. The state average is a separate row. Census 2011 prints a population of 1,339,557, of which rural 1,058,476 and urban 281,081. Department supply in 2017–18 prints a source total of 42,001.59 million litres under this name. That supply is not subtracted from the 2025 account. The 2019 livestock census, under this name, prints cattle 173,660, buffaloes 432,837 and pigs 0. These are headcounts. The wetland atlas, under this name, prints 34,268 hectares of wetland. Gross irrigated area in 2023–24 prints government canal 114,040 hectares and tubewell 172,276 hectares. Private canal is blank. Net area is a separate measure and is not added.

Porbandar

Porbandar, in the 2025 district groundwater account, has an annual extractable resource of 21,446.52 hectare-metres and a total extraction of 12,125.02 hectare-metres. The printed stage is 56.54 percent. Irrigation is 11,376.1, industrial 221.74, and domestic 527.17. Future availability is printed as 9,264.21 hectare-metres. The allocation figure 584.47 hectare-metres is kept under both headings that the assessment uses: “as on 2025” on Table 14, and 2030 on the district sheet.

The 2024 district sheet, under the same words, prints a stage of 56.76 percent. The two years are not averaged. On 13 May 2025 the bulletin prints design live storage of 87.75 MCM and present live storage of 20.36 MCM. Statement 3.1 prints rainfall of 1,664 mm in 2024 and 649 mm in 2017, under this name. The state average is a separate row. Census 2011 prints a population of 584,704, of which rural 299,030 and urban 285,674. Department supply in 2017–18 prints a source total of 16,950.16 million litres under this name. That supply is not subtracted from the 2025 account. The 2019 livestock census, under this name, prints cattle 64,465, buffaloes 143,534 and pigs 0. These are headcounts. The wetland atlas, under this name, prints 22,199 hectares of wetland. Gross irrigated area in 2023–24 prints government canal 8,968 hectares and tubewell — hectares. Private canal is blank. Net area is a separate measure and is not added.

Rajkot

Rajkot, in the 2025 district groundwater account, has an annual extractable resource of 169,025.48 hectare-metres and a total extraction of 111,367.28 hectare-metres. The printed stage is 65.89 percent. Irrigation is 108,251.1, industrial 519.89, and domestic 2,596.28. Future availability is printed as 56,981.25 hectare-metres. The allocation figure 3,273.23 hectare-metres is kept under both headings that the assessment uses: “as on 2025” on Table 14, and 2030 on the district sheet.

The 2024 district sheet, under the same words, prints a stage of 65.66 percent. The two years are not averaged. On 13 May 2025 the bulletin prints design live storage of 584.43 MCM and present live storage of 235.66 MCM. Statement 3.1 prints rainfall of 1,176 mm in 2024 and 821 mm in 2017, under this name. The state average is a separate row. Census 2011 prints a population of 3,034,722, of which rural 1,147,068 and urban 1,887,654. Department supply in 2017–18 prints a source total of 90,366.62 million litres under this name. That supply is not subtracted from the 2025 account. The 2019 livestock census, under this name, prints cattle 377,285, buffaloes 269,056 and pigs 39. These are headcounts. The wetland atlas, under this name, prints 55,820 hectares of wetland. Gross irrigated area in 2023–24 prints government canal 131,583 hectares and tubewell 145,669 hectares. Private canal is blank. Net area is a separate measure and is not added.

Sabarkantha

Sabarkantha, in the 2025 district groundwater account, has an annual extractable resource of 76,631.54 hectare-metres and a total extraction of 57,717.98 hectare-metres. The printed stage is 75.32 percent. Irrigation is 55,362.62, industrial 271.52, and domestic 2,083.82. Future availability is printed as 20,373 hectare-metres. The allocation figure 2,764.84 hectare-metres is kept under both headings that the assessment uses: “as on 2025” on Table 14, and 2030 on the district sheet.

The 2024 district sheet, under the same words, prints a stage of 72.05 percent. The two years are not averaged. On 13 May 2025 the bulletin prints design live storage of 93.47 MCM and present live storage of 14.82 MCM. No rainfall row in statement 3.1 uses this exact name. The rainfall table keeps its own spellings. No Census 2011 row uses this exact name. Department supply in 2017–18 prints a source total of 11,970.49 million litres under this name. That supply is not subtracted from the 2025 account. No livestock-census row uses this exact name. The census table keeps its own spellings, and no headcount is inferred. The wetland atlas, under this name, prints 42,653 hectares of wetland.

Surat

Surat, in the 2025 district groundwater account, has an annual extractable resource of 134,748.37 hectare-metres and a total extraction of 56,737.69 hectare-metres. The printed stage is 42.11 percent. Irrigation is 34,099.9, industrial 3,077.68, and domestic 19,560.12. Future availability is printed as 78,135.46 hectare-metres. The allocation figure 32,629.94 hectare-metres is kept under both headings that the assessment uses: “as on 2025” on Table 14, and 2030 on the district sheet.

The 2024 district sheet, under the same words, prints a stage of 42.41 percent. The two years are not averaged. On 13 May 2025 the bulletin prints design live storage of 35.78 MCM and present live storage of 8.86 MCM. Statement 3.1 prints rainfall of 2,199 mm in 2024 and 1,325 mm in 2017, under this name. The state average is a separate row. Census 2011 prints a population of 6,081,322, of which rural 1,232,109 and urban 4,849,213. Department supply in 2017–18 prints a source total of 25,479.59 million litres under this name. That supply is not subtracted from the 2025 account. The 2019 livestock census, under this name, prints cattle 271,863, buffaloes 251,048 and pigs 27. These are headcounts. The wetland atlas, under this name, prints 86,062 hectares of wetland. Gross irrigated area in 2023–24 prints government canal 144,782 hectares and tubewell 40,303 hectares. Private canal is blank. Net area is a separate measure and is not added.

Surendranagar

Surendranagar, in the 2025 district groundwater account, has an annual extractable resource of 75,679.81 hectare-metres and a total extraction of 39,169.56 hectare-metres. The printed stage is 51.76 percent. Irrigation is 37,760.6, industrial 116.46, and domestic 1,292.53. Future availability is printed as 36,251.96 hectare-metres. The allocation figure 1,550.81 hectare-metres is kept under both headings that the assessment uses: “as on 2025” on Table 14, and 2030 on the district sheet.

The 2024 district sheet, under the same words, prints a stage of 49.09 percent. The two years are not averaged. On 13 May 2025 the bulletin prints design live storage of 98.71 MCM and present live storage of 22.81 MCM. Statement 3.1 prints rainfall of 745 mm in 2024 and 856 mm in 2017, under this name. The state average is a separate row. Census 2011 prints a population of 1,561,066, of which rural 1,096,174 and urban 464,892. Department supply in 2017–18 prints a source total of 50,500.94 million litres under this name. That supply is not subtracted from the 2025 account. The 2019 livestock census, under this name, prints cattle 325,680, buffaloes 350,911 and pigs 0. These are headcounts. The wetland atlas, under this name, prints 52,896 hectares of wetland. Gross irrigated area in 2023–24 prints government canal 258,190 hectares and tubewell 322,771 hectares. Private canal is blank. Net area is a separate measure and is not added.

Tapi

Tapi, in the 2025 district groundwater account, has an annual extractable resource of 71,235.27 hectare-metres and a total extraction of 26,421.49 hectare-metres. The printed stage is 37.09 percent. Irrigation is 25,850.3, industrial 61.23, and domestic 509.98. Future availability is printed as 44,350.21 hectare-metres. The allocation figure 973.55 hectare-metres is kept under both headings that the assessment uses: “as on 2025” on Table 14, and 2030 on the district sheet.

The 2024 district sheet, under the same words, prints a stage of 32.66 percent. The two years are not averaged. On 13 May 2025 the bulletin prints design live storage of 6,733.2 MCM and present live storage of 2,994.99 MCM. Statement 3.1 prints rainfall of 2,029 mm in 2024 and 1,092 mm in 2017, under this name. The state average is a separate row. Census 2011 prints a population of 807,022, of which rural 727,535 and urban 79,487. Department supply in 2017–18 prints a source total of 5,663.9 million litres under this name. That supply is not subtracted from the 2025 account. The 2019 livestock census, under this name, prints cattle 224,128, buffaloes 180,659 and pigs 0. These are headcounts. No wetland-atlas district row uses this exact name. Later districts are absent from that atlas, not zero. Gross irrigated area in 2023–24 prints government canal 49,917 hectares and tubewell 12,306 hectares. Private canal is blank. Net area is a separate measure and is not added.

Vadodara

Vadodara, in the 2025 district groundwater account, has an annual extractable resource of 101,350.31 hectare-metres and a total extraction of 67,426.32 hectare-metres. The printed stage is 66.53 percent. Irrigation is 58,365, industrial 2,380.74, and domestic 6,680.57. Future availability is printed as 33,976.39 hectare-metres. The allocation figure 7,852.58 hectare-metres is kept under both headings that the assessment uses: “as on 2025” on Table 14, and 2030 on the district sheet.

The 2024 district sheet, under the same words, prints a stage of 66.89 percent. The two years are not averaged. The 13 May 2025 bulletin has no row under this exact name. The missing row is not entered as zero. Statement 3.1 prints rainfall of 1,180 mm in 2024 and 578 mm in 2017, under this name. The state average is a separate row. Census 2011 prints a population of 3,093,795, of which rural 1,100,439 and urban 1,993,356. Department supply in 2017–18 prints a source total of 10,973.71 million litres under this name. That supply is not subtracted from the 2025 account. The 2019 livestock census, under this name, prints cattle 152,980, buffaloes 340,490 and pigs 0. These are headcounts. The wetland atlas, under this name, prints 35,553 hectares of wetland. Gross irrigated area in 2023–24 prints government canal 154,932 hectares and tubewell 114,312 hectares. Private canal is blank. Net area is a separate measure and is not added.

Valsad

Valsad, in the 2025 district groundwater account, has an annual extractable resource of 69,397.12 hectare-metres and a total extraction of 21,717.54 hectare-metres. The printed stage is 31.29 percent. Irrigation is 16,558.1, industrial 717.88, and domestic 4,441.56. Future availability is printed as 46,464.66 hectare-metres. The allocation figure 5,656.48 hectare-metres is kept under both headings that the assessment uses: “as on 2025” on Table 14, and 2030 on the district sheet.

The 2024 district sheet, under the same words, prints a stage of 29.58 percent. The two years are not averaged. On 13 May 2025 the bulletin prints design live storage of 478.09 MCM and present live storage of 139.52 MCM. Statement 3.1 prints rainfall of 3,169 mm in 2024 and 2,519 mm in 2017, under this name. The state average is a separate row. Census 2011 prints a population of 1,705,678, of which rural 1,070,177 and urban 635,501. Department supply in 2017–18 prints a source total of 8,308.3 million litres under this name. That supply is not subtracted from the 2025 account. The 2019 livestock census, under this name, prints cattle 309,310, buffaloes 63,855 and pigs 1. These are headcounts. The wetland atlas, under this name, prints 23,116 hectares of wetland. Gross irrigated area in 2023–24 prints government canal 53,749 hectares and tubewell 7,200 hectares. Private canal is blank. Net area is a separate measure and is not added.

Assessment units, 2025

The district stage is a sum. The assessment unit is the row the compilation actually classifies. India-WRIS 2025 polygons and the state PDF agree, on the rows that were matched, in recharge, extractable resource and extraction. This register prints every stored unit row: district, block, recharge, extractable resource, extraction and stage, in hectare-metres. A blank stage stays blank. Twelve salinity rows have no stage. They are not given one.

Two hundred and twenty-seven of 252 printed units match a polygon on the printed district and the printed block. Twenty-five names differ by spacing or spelling and stay unmatched. Rana and Kutch, on the map, is not one of the 252. Polygons are stored. They are not drawn.

District	Assessment unit	Recharge	Extractable	Extraction	Stage
Ahmedabad	Ahmedabad City & Das	12,157.15	11,549.29	15,908.93	137.7481
Ahmedabad	Ahmedabad Urban	2,132.71	1,919.44	2,441.15	127.1803
Ahmedabad	Bavla	9,213.3	8,291.97	2,409.71	29.0608
Ahmedabad	Detroj-Rampura	602.95	542.66	309.19	56.9767
Ahmedabad	Dhandhuka	0	0	0	0
Ahmedabad	Dholera	0	0	0	0
Ahmedabad	Dholka	8,101.39	7,291.25	3,512.81	48.1784
Ahmedabad	Mandal	2,091.3	1,882.17	1,221.56	64.9017
Ahmedabad	Sanand	9,094.8	8,640.06	4,354.85	50.403
Ahmedabad	Viramgam	2,379.36	2,141.42	580.48	27.1072
Amreli	Amreli	17,514.45	16,638.72	10,859.54	65.2667
Amreli	Babra	18,220.58	17,309.55	11,763.45	67.9593
Amreli	Bagasara	6,036.71	5,734.87	4,761.35	83.0245
Amreli	Dhari	28,163.38	26,755.21	11,008.17	41.144
Amreli	Jafrabad	3,948.55	3,751.12	2,457.98	65.5266
Amreli	Khambha	12,071.21	11,467.65	5,361.21	46.7507
Amreli	Kunkavav Vadia	20,893.84	19,849.15	10,382.24	52.3057
Amreli	Lathi	16,698.45	15,863.53	7,325.5	46.1782
Amreli	Lilia	4,961.38	4,713.31	3,450.42	73.2059
Amreli	Rajula	4,332.4	4,115.78	3,642.89	88.5103
Amreli	Savar Kundla	19,437.54	18,465.66	11,892.27	64.4021
Anand	Anand	16,494.27	15,669.56	9,377.26	59.8438
Anand	Anklav	11,913.83	11,318.14	3,145.48	27.7915
Anand	Borsad	18,315.49	17,399.72	6,919.47	39.7677
Anand	Khambhat	10,770.11	9,693.1	2,933.79	30.2668
Anand	Petlad	18,477.44	16,629.7	4,331.01	26.0438
Anand	Sojitra	13,574.42	12,216.98	1,750.59	14.3292
Anand	Tarapur	18,064.59	16,258.13	313.13	1.926
Anand	Umreth	12,220.43	11,609.41	3,847.08	33.1376
Arvalli	Bayad	20,781.85	19,742.76	8,035.75	40.7023
Arvalli	Bhiloda	23,745.61	22,558.33	9,492.05	42.0778

District	Assessment unit	Recharge	Extractable	Extraction	Stage
Arvalli	Dhansura	8,582.56	8,153.43	4,223.75	51.8034
Arvalli	Malpur	5,768.04	5,479.64	3,905.74	71.2773
Arvalli	Meghraj	18,892.58	17,947.95	5,950.05	33.1517
Arvalli	Modasa	13,207.31	12,546.95	6,414.44	51.1235
Banaskantha	Amirgadh	9,559.91	8,603.92	4,261.53	49.5301
Banaskantha	Bhabhar	0	0	0	0
Banaskantha	Danta	13,675.46	12,307.92	5,879.16	47.7673
Banaskantha	Dantiwada	8,498.65	7,648.78	7,911.14	103.4301
Banaskantha	Deesa	25,611.91	23,050.72	35,677.54	154.7784
Banaskantha	Deodar	5,323.55	4,791.19	5,505.11	114.9007
Banaskantha	Dhanera	14,386.57	12,947.92	23,646.8	182.6301
Banaskantha	Kankrej	9,483.15	8,534.84	10,871.06	127.3727
Banaskantha	Lakhani	9,389.38	8,450.44	13,984.74	165.4913
Banaskantha	Palanpur	17,356.3	15,620.67	16,766.39	107.3346
Banaskantha	Suigam	0	0	0	0
Banaskantha	Tharad	4,930.45	4,437.4	8,576.74	193.283
Banaskantha	Vadgam	13,906.51	12,515.86	11,361.8	90.7792
Banaskantha	Vav	0	0	0	0
Bharuch	Amod	2,419.09	2,177.18	1,078.67	49.5444
Bharuch	Anklesvar	8,596.36	7,736.72	2,140.17	27.6625
Bharuch	Bharuch	9,280.52	8,352.47	2,264.42	27.1108
Bharuch	Hansot	5,757.5	5,181.75	288.92	5.5757
Bharuch	Jambusar	9,546.7	8,592.03	552.16	6.4264
Bharuch	Jhagadia	11,480.44	10,906.42	5,403.26	49.542
Bharuch	Netrang	7,152.24	6,794.63	2,128.54	31.3268
Bharuch	Vagra	8,531.17	7,678.05	110.39	1.4377
Bharuch	Valia	6,820.46	6,138.41	3,355.23	54.6596
Bhavnagar	Bhavnagar	11,036.77	10,484.94	2,169.97	20.6961
Bhavnagar	Gariadhar	7,031.66	6,680.08	3,911.11	58.5488
Bhavnagar	Ghogha	5,147.82	4,890.43	2,979.56	60.9263
Bhavnagar	Jesar	9,125.81	8,669.52	3,937.1	45.4131
Bhavnagar	Mahuva	20,595.46	19,565.69	9,774.64	49.9581
Bhavnagar	Palitana	17,454.85	16,582.11	6,208.91	37.4434
Bhavnagar	Sihor	16,685.62	15,851.34	6,208.25	39.1655
Bhavnagar	Talaja	16,695.82	15,861.03	7,734.26	48.7627
Bhavnagar	Umrala	5,986.86	5,687.52	3,912.4	68.7892
Bhavnagar	Vallabhipur	2,085.33	1,981.06	865.17	43.6721
Botad	Barwala	1,115.11	1,059.36	668.53	63.107
Botad	Botad	16,789.57	15,950.09	9,604.91	60.2185
Botad	Gadhada	13,356.42	12,688.6	9,575.58	75.466
Botad	Ranpur	14,039.41	13,337.44	4,795.41	35.9545
Chhota Udepur	Bodeli	12,429.81	11,186.82	2,955.13	26.4162
Chhota Udepur	Chhota Udaipur	9,880.83	8,892.75	4,668.84	52.5016

District	Assessment unit	Recharge	Extractable	Extraction	Stage
Chhota Udepur	Jetpur Pavi	10,982.24	9,884.02	6,621.61	66.9931
Chhota Udepur	Kavant	11,226.21	10,103.59	5,190.61	51.3739
Chhota Udepur	Nasvadi	9,561.89	8,605.7	2,923.63	33.9732
Chhota Udepur	Sankheda	9,234.45	8,311.01	3,484.49	41.9262
Dahod	Dahod	3,097.07	2,942.22	1,718.08	58.394
Dahod	Devgadh Baria	5,485.13	4,936.61	2,611.17	52.894
Dahod	Dhanpur	2,351.61	2,116.45	886.64	41.8928
Dahod	Fatepura	3,024.09	2,721.68	1,898.32	69.7481
Dahod	Garbada	3,706.84	3,521.5	873.22	24.7968
Dahod	Limkheda	6,380.52	5,742.47	1,560.51	27.1749
Dahod	Sanjeli	1,345.93	1,211.34	226.4	18.69
Dahod	Singvad	6,039.52	5,435.57	1,274.36	23.4448
Dahod	Zalod	6,010.04	5,409.03	2,815.74	52.0563
Dang	Ahwa	12,365.17	11,128.65	1,454.62	13.0709
Dang	Subir	9,881.9	8,893.71	731.69	8.2271
Dang	Waghai	12,409.98	11,168.98	1,769.54	15.8433
Devbhumi Dwarka	Bhanvad	12,110.57	11,505.04	8,674.11	75.394
Devbhumi Dwarka	Kalyanpur	15,353.79	14,586.1	9,868.39	67.6561
Devbhumi Dwarka	Khambhalia	15,955.6	15,157.82	10,838.86	71.5067
Devbhumi Dwarka	Okhamandal	2,467.73	2,344.34	1,274.75	54.3756
Gandhinagar	Dehgam	17,369.15	15,632.24	28,352.35	181.371
Gandhinagar	Gandhinagar	17,430.22	15,687.2	19,274.65	122.8686
Gandhinagar	Kalol	16,416.36	15,595.55	6,963.86	44.6529
Gandhinagar	Mansa	12,084.59	10,876.13	9,718.29	89.3543
Gir Somnath	Gir Gadhda	11,237.2	10,113.48	4,787.92	47.342
Gir Somnath	Kodinar	15,114.73	13,603.26	7,367.39	54.159
Gir Somnath	Patan-Veraval	9,229.69	8,306.72	5,229.34	62.9531
Gir Somnath	Sutrapada	20,082.05	19,077.94	6,084.37	31.8922
Gir Somnath	Talala	10,638.91	10,106.97	6,286.06	62.1953
Gir Somnath	Una	10,097.88	9,088.09	4,723.61	51.9758
Jamnagar	Dhrol	7,153.72	6,796.04	5,633.36	82.8918
Jamnagar	Jamjodhpur	20,060.31	19,057.3	10,901.62	57.2044
Jamnagar	Jamnagar	50,516.25	47,990.44	13,677.05	28.4995
Jamnagar	Jodiya	6,718.15	6,382.24	2,571.77	40.2957
Jamnagar	Kalavad	28,787.03	27,347.68	15,196.73	55.5686
Jamnagar	Lalpur	24,291.85	23,077.26	9,011.04	39.0473
Junagadh	Bhesan	10,685.95	10,151.65	7,182.1	70.7481
Junagadh	Junagadh City & Juna	15,485.09	14,710.84	9,366.74	63.6724
Junagadh	Keshod	15,243.64	14,481.46	9,888.97	68.2871
Junagadh	Malia	16,514.83	15,689.09	7,600.06	48.4417
Junagadh	Manavadar	16,852.74	16,010.1	8,383.6	52.3644
Junagadh	Mangrol	8,504.73	8,079.49	4,396.3	54.4131
Junagadh	Mendarda	24,609.98	23,379.48	5,912.4	25.2888

District	Assessment unit	Recharge	Extractable	Extraction	Stage
Junagadh	Vanthali	14,202.09	13,491.98	5,842.12	43.3007
Junagadh	Visavadar	36,646.08	34,813.77	12,932.83	37.1486
Kachchh	Abdasa	10,004.71	9,504.48	3,885.81	40.884
Kachchh	Anjar	13,763.12	13,074.97	6,636.1	50.7542
Kachchh	Bhachau	5,019.34	4,517.41	2,508.04	55.5194
Kachchh	Bhuj	14,270.5	12,843.45	13,030.49	101.4563
Kachchh	Gandhidham	0	0	0	0
Kachchh	Lakhpat	12,123.68	10,911.31	934.28	8.5625
Kachchh	Mandvi	7,151.87	6,436.68	4,985.25	77.4506
Kachchh	Mundra	9,252.21	8,326.98	4,466.22	53.6355
Kachchh	Nakhatrana	10,901.01	9,810.9	6,210.5	63.302
Kachchh	Rapar	16,099.65	14,489.68	3,910.85	26.9906
Kheda	Galteshwar	2,213.02	2,102.37	1,009.47	48.0158
Kheda	Kapadvanj	13,465.78	12,119.2	6,688.88	55.1924
Kheda	Kathlal	8,287.42	7,458.68	3,455.43	46.3276
Kheda	Kheda	3,750.09	3,375.08	1,151.11	34.1062
Kheda	Mahudha	7,835.12	7,443.37	2,036.73	27.363
Kheda	Matar	7,445.36	6,700.82	1,952.05	29.1315
Kheda	Mehmedabad	9,120.78	8,208.71	6,081.57	74.0868
Kheda	Nadiad	16,995.17	16,145.41	5,261.03	32.5853
Kheda	Thasra	11,118.7	10,006.83	3,057.04	30.5495
Kheda	Vaso	6,446.3	5,801.67	2,166.38	37.3406
Mahesana	Becharaji	3,040.12	2,736.11	1,290.26	47.1567
Mahesana	Jotana	2,660.49	2,394.44	3,108.61	129.8262
Mahesana	Kadi	8,441.27	8,019.2	5,717.8	71.3014
Mahesana	Kheralu	8,541.78	7,687.6	13,281.49	172.7651
Mahesana	Mahesana	13,240.09	11,916.08	12,328.54	103.4614
Mahesana	Satlasana	7,436.18	6,692.56	8,105.43	121.1111
Mahesana	Unjha	8,491.2	7,642.08	6,658.64	87.1313
Mahesana	Vadnagar	7,666.55	6,899.89	10,053.94	145.7116
Mahesana	Vijapur	15,271.08	13,743.97	15,348.53	111.6746
Mahesana	Visnagar	7,576.41	6,818.77	5,175.83	75.9056
Mahisagar	Balasinor	4,653.11	4,187.8	2,329.49	55.6256
Mahisagar	Kadana	5,984.1	5,385.69	1,833.09	34.0363
Mahisagar	Khanpur	5,156.77	4,641.1	2,407.93	51.8827
Mahisagar	Lunawada	8,841.64	7,957.48	3,786.59	47.5853
Mahisagar	Santrampur	6,018.8	5,416.92	2,830.79	52.2583
Mahisagar	Virpur	3,478.8	3,130.92	2,336.51	74.6269
Morbi	Halvad	21,557.59	19,401.83	8,703.38	44.8586
Morbi	Maliya	0	0	0	0
Morbi	Morbi	13,888.27	13,193.86	5,302.4	40.1884
Morbi	Tankara	15,851.06	15,058.5	8,372.94	55.6027
Morbi	Wankaner	21,016.96	19,966.11	12,613.34	63.1737

District	Assessment unit	Recharge	Extractable	Extraction	Stage
Narmada	Dediapada	9,178.12	8,260.31	5,000.3	60.534
Narmada	Garudeshwar	4,699.9	4,464.91	1,898.79	42.5269
Narmada	Nandod	18,712.63	17,777	14,134.06	79.5076
Narmada	Sagbara	5,027.51	4,524.76	2,793.26	61.7328
Narmada	Tilakwada	4,033.75	3,630.38	2,015.78	55.5253
Navsari	Bansda	17,963.81	16,167.43	4,757.29	29.4251
Navsari	Chikhli	15,614.92	14,834.17	6,912.95	46.6015
Navsari	Gandevi	9,654.41	8,688.97	3,289.62	37.8597
Navsari	Jalalpore	25,018.51	23,767.59	4,687.45	19.722
Navsari	Khergam	3,537.75	3,360.87	1,755.43	52.2314
Navsari	Navsari	11,495.96	10,346.36	2,594.57	25.0771
Panchmahal	Ghoghamba	4,598.12	4,138.31	2,643.63	63.8819
Panchmahal	Godhra	16,899.52	16,054.54	2,690.74	16.76
Panchmahal	Halol	9,501.1	8,550.99	2,591.95	30.3117
Panchmahal	Jambughoda	2,278.33	2,050.49	763.19	37.2199
Panchmahal	Kalol	10,164.7	9,656.46	3,192.43	33.06
Panchmahal	Morwa Hadaf	3,307.22	2,976.5	932.68	31.3348
Panchmahal	Shehra	11,442.97	10,870.82	1,871.95	17.22
Patan	Chanasma	1,256.87	1,131.18	1,118.14	98.8472
Patan	Harij	0	0	0	0
Patan	Patan	13,597.54	12,237.78	14,085.59	115.0992
Patan	Radhanpur	0	0	0	0
Patan	Sami	0	0	0	0
Patan	Sankheswar	0	0	0	0
Patan	Santalpur	0	0	0	0
Patan	Sarsvati(Patan)	12,096.92	10,887.22	15,626.52	143.5309
Patan	Sidhpur	14,056.98	13,354.13	13,765.66	103.0817
Porbandar	Kutiyana	7,346.7	6,979.37	3,477.15	49.8204
Porbandar	Porbandar	7,957.79	7,162.01	4,969.19	69.3826
Porbandar	Ranavav	7,689.62	7,305.14	3,678.68	50.3574
Rajkot	Dhoraji	12,065.11	11,461.85	9,851.05	85.9464
Rajkot	Gondal	38,129.44	36,222.97	18,943.5	52.2969
Rajkot	Jamkandorna	14,798.23	14,058.32	9,566.65	68.0497
Rajkot	Jasdan	16,709.91	15,874.41	11,795.27	74.3037
Rajkot	Jetpur	15,192.82	14,433.17	11,000.26	76.2151
Rajkot	Kotada Sangani	10,136.89	9,630.04	6,036.2	62.6809
Rajkot	Lodhika	8,678.2	8,244.29	4,975.43	60.35
Rajkot	Paddhari	9,369.31	8,900.84	6,990.19	78.534
Rajkot	Rajkot	26,837.81	25,495.92	14,292.99	56.0599
Rajkot	Rajkot Urban	2,341.8	2,224.71	1.84	0.0827
Rajkot	Upleta	14,243.36	13,531.19	10,323.16	76.2916
Rajkot	Vinchchiya	9,418.7	8,947.77	7,590.74	84.8339
Rana And Kutch	Rana And Kutch	0	0	0	0

District	Assessment unit	Recharge	Extractable	Extraction	Stage
Sabarkantha	Himatnagar	19,288.62	17,359.76	12,980.33	74.7725
Sabarkantha	Idar	16,870.02	15,183.01	11,297.91	74.4115
Sabarkantha	Khedbrahma	8,428.16	7,585.34	4,233.31	55.8091
Sabarkantha	Poshina	5,961.25	5,365.12	2,382.05	44.3988
Sabarkantha	Prantij	8,408.8	7,567.92	9,590.24	126.7223
Sabarkantha	Talod	10,671.83	9,604.64	6,231.12	64.8761
Sabarkantha	Vadali	6,981.86	6,283.67	5,943.05	94.5793
Sabarkantha	Vijaynagar	8,535.65	7,682.08	5,059.97	65.8672
Surat	Bardoli	12,426.11	11,183.5	7,237.29	64.714
Surat	Kamrej	14,228.36	13,516.94	5,501.49	40.7007
Surat	Mahuva	11,956.31	10,760.68	5,318.49	49.4252
Surat	Mandvi	26,154.6	23,539.14	6,626.35	28.1503
Surat	Mangrol	19,435.06	18,463.3	2,907.88	15.7495
Surat	Olpad	13,826.34	12,443.71	1,561.37	12.5475
Surat	Palsana	12,173.74	10,956.37	6,382.11	58.2502
Surat	Surat City & Chorasi	8,936.98	8,043.28	3,753.21	46.6627
Surat	Surat Urban	13,469.91	12,796.41	15,907.13	124.3093
Surat	Umarpada	13,731.62	13,045.04	1,542.37	11.8234
Surendranagar	Chotila	18,394.26	17,474.55	8,307.44	47.5402
Surendranagar	Chuda	5,551.94	4,996.75	4,076.08	81.5746
Surendranagar	Dasada	5,124.87	4,612.39	567.96	12.3138
Surendranagar	Dhrangadhra	17,904.59	17,009.36	8,822.25	51.867
Surendranagar	Lakhtar	3,215.15	3,054.39	506.86	16.5945
Surendranagar	Limbdi	3,163.48	2,847.13	308.12	10.8221
Surendranagar	Muli	7,796.9	7,407.05	4,827.78	65.1782
Surendranagar	Sayla	9,921.22	9,425.16	6,031.1	63.9894
Surendranagar	Thangadh	5,003.4	4,753.23	3,408.14	71.7016
Surendranagar	Wadhwan	4,315.58	4,099.8	2,313.83	56.4376
Tapi	Dolvan	9,205.63	8,285.07	4,827.2	58.2638
Tapi	Kukarmunda	3,196.53	2,876.88	2,276.39	79.127
Tapi	Nizar	3,329.51	3,163.03	2,089.4	66.0569
Tapi	Songadh	31,509.81	29,934.32	6,073.68	20.29
Tapi	Uchchhal	8,667.16	7,800.44	1,744.12	22.3593
Tapi	Valod	8,308.49	7,477.64	3,904.76	52.2191
Tapi	Vyara	12,997.65	11,697.89	5,505.94	47.0678
Vadodara	Dabhoi	18,253.84	17,341.15	8,103.77	46.7314
Vadodara	Desar	4,300.91	4,085.87	2,846.33	69.6628
Vadodara	Karjan	18,465.53	17,542.25	11,010.44	62.7653
Vadodara	Padra	12,456.69	11,211.02	9,352.25	83.4202
Vadodara	Savli	11,332.58	10,765.95	5,713.01	53.0655
Vadodara	Sinor	8,369.19	7,950.73	6,980.26	87.794
Vadodara	Vadodara	15,865.91	15,072.61	16,267.83	107.9297
Vadodara	Vadodara Urban	6,319.5	6,003.52	4,410.47	73.4647

District	Assessment unit	Recharge	Extractable	Extraction	Stage
Vadodara	Vaghodia	11,976.01	11,377.21	2,741.96	24.1005
Valsad	Dharampur	14,354.51	12,919.06	4,316.58	33.4125
Valsad	Kaprada	18,525.01	16,672.51	2,995.12	17.9644
Valsad	Pardi	8,811.93	7,930.74	3,349.1	42.2294
Valsad	Umergam	11,907.77	10,716.99	1,900.19	17.7306
Valsad	Valsad	18,331.85	16,498.66	7,424.17	44.9986
Valsad	Vapi	5,176.85	4,659.16	1,732.38	37.1822

Hectare-metres, except the stage. Source: the 2025 block sheet in the final Schemia. This is not a new calculation.

Assessment units, 2024

The 2024 numeric load accepted 245 of 252 assessment units. Each accepted unit passed the printed identities for recharge, extractable resource, extraction, future availability and stage. Seven units stay out of this table because a digit or the category word is split on the page: Valia in Bharuch, Halvad in Morbi, Surat Urban, Songadh in Tapi, Karjan in Vadodara, Dharampur in Valsad, and Valsad. They are not reconstructed here.

District	Assessment unit	Category	Extractable	Extraction	Stage
AHMEDABAD	AHMEDABAD CITY & DAS	Over-exploited	11,239.1	13,462.13	119.78
AHMEDABAD	AHMEDABAD URBAN	Semi-critical	1,919.44	1,358.98	70.8
AHMEDABAD	BAVLA	Semi-critical	8,833.75	6,229.2	70.52
AHMEDABAD	DETROJ-RAMPURA	Safe	476.91	316.68	66.4
AHMEDABAD	DHANDHUKA	Salinity	—	—	—
AHMEDABAD	DHOLERA	Salinity	—	—	—
AHMEDABAD	DHOLKA	Safe	7,302.87	3,538.9	48.46
AHMEDABAD	MANDAL	Critical	1,924.46	1,774.98	92.23
AHMEDABAD	SANAND	Safe	8,352.87	3,808.69	45.6
AHMEDABAD	VIRAMGAM	Safe	2,202.87	619.48	28.12
AMRELI	AMRELI	Safe	16,415.1	10,351.22	63.06
AMRELI	BABRA	Safe	17,250.62	11,341.44	65.75
AMRELI	BAGASARA	Safe	5,648.93	3,906.06	69.15
AMRELI	DHARI	Safe	26,657.46	10,552.73	39.59
AMRELI	JAFRABAD	Safe	3,775.57	2,431.97	64.41
AMRELI	KHAMBHA	Safe	10,355.95	4,107.17	39.66
AMRELI	KUNKAVAV VADIA	Safe	19,901.7	9,990.06	50.2
AMRELI	LATHI	Safe	15,781.82	7,107.1	45.03
AMRELI	LILIA	Safe	4,385.04	2,954.21	67.37
AMRELI	RAJULA	Semi-critical	3,975.59	3,393.84	85.37
AMRELI	SAVAR KUNDLA	Safe	18,490.67	12,819.03	69.33
ANANAD	ANAND	Safe	15,083.64	8,079.99	53.57
ANANAD	ANKLAV	Safe	10,904.48	3,094.7	28.38
ANANAD	BORSAD	Safe	17,421.67	6,794.41	39
ANANAD	KHAMBHAT	Safe	9,689.61	1,792.68	18.5
ANANAD	PETLAD	Safe	15,679.89	4,241.2	27.05
ANANAD	SOJITRA	Safe	12,212.44	1,730.62	14.17
ANANAD	TARAPUR	Safe	16,253.28	297.95	1.83
ANANAD	UMRETH	Safe	11,627.87	3,996.28	34.37
ARVALLI	BAYAD	Safe	21,175.45	8,696.29	41.07
ARVALLI	BHILODA	Safe	22,747.68	9,985.54	43.9
ARVALLI	DHANSURA	Safe	7,576.15	3,003.39	39.64
ARVALLI	MALPUR	Safe	5,310.44	3,242.99	61.07
ARVALLI	MEGHRAJ	Safe	18,253.58	5,774.61	31.64
ARVALLI	MODASA	Safe	12,920.22	6,838.14	52.93

District	Assessment unit	Category	Extractable	Extraction	Stage
BANASKANTHA	AMIRGADH	Safe	8,611.92	4,297.11	49.9
BANASKANTHA	BHABHAR	Salinity	—	—	—
BANASKANTHA	DANTA	Safe	12,282.56	5,749.44	46.81
BANASKANTHA	DANTIWADA	Over-exploited	7,837.78	9,499.25	121.2
BANASKANTHA	DEESA	Over-exploited	23,227.04	38,100.56	164.04
BANASKANTHA	DEODAR	Over-exploited	4,826.71	5,996.13	124.23
BANASKANTHA	DHANERA	Over-exploited	12,806.28	21,669.86	169.21
BANASKANTHA	KANKREJ	Over-exploited	8,539.94	10,940.79	128.11
BANASKANTHA	LAKHANI	Over-exploited	8,379.84	12,995.65	155.08
BANASKANTHA	PALANPUR	Critical	15,490.3	15,002.72	96.85
BANASKANTHA	SUIGAM	Salinity	—	—	—
BANASKANTHA	THARAD	Over-exploited	3,604.34	5,436.12	150.82
BANASKANTHA	VADGAM	Critical	12,553.57	11,880.17	94.64
BANASKANTHA	VAV	Salinity	—	—	—
BHARUCH	AMOD	Safe	2,175.25	1,062.77	48.86
BHARUCH	ANKLESVAR	Safe	7,680.92	2,009.51	26.16
BHARUCH	BHARUCH	Safe	8,619.02	2,782.29	32.28
BHARUCH	HANSOT	Safe	5,169.85	242.72	4.69
BHARUCH	JAMBUSAR	Safe	9,345.12	590.3	6.32
BHARUCH	JHAGADIA	Safe	10,299.37	4,982.63	48.38
BHARUCH	NETRANG	Safe	6,790.32	2,026.38	29.84
BHARUCH	VAGRA	Safe	7,678.26	141.55	1.84
BHAVNAGAR	BHAVNAGAR	Safe	10,358.09	2,067.25	19.96
BHAVNAGAR	GARIADHAR	Safe	6,527.2	3,756.01	57.54
BHAVNAGAR	GHOGHA	Safe	4,964.61	2,849.28	57.39
BHAVNAGAR	JESAR	Safe	8,234.86	3,778.3	45.88
BHAVNAGAR	MAHUVA	Safe	20,024.49	9,480.63	47.35
BHAVNAGAR	PALITANA	Safe	17,302.96	6,044.3	34.93
BHAVNAGAR	SIHOR	Safe	16,867.77	6,050	35.87
BHAVNAGAR	TALAJA	Safe	16,047.81	7,511.04	46.8
BHAVNAGAR	UMRALA	Safe	5,827.06	3,826.5	65.67
BHAVNAGAR	VALLABHIPUR	Safe	1,980.82	817.59	41.28
BOTAD	BARWALA	Safe	1,109.71	625.43	56.36
BOTAD	BOTAD	Safe	16,398.64	9,298.09	56.7
BOTAD	GADHADA	Semi-critical	12,473.37	9,266.01	74.29
BOTAD	RANPUR	Safe	11,566.73	4,552.72	39.36
CHHOTAUDEPUR	BODELI	Safe	11,143.39	2,783.53	24.98
CHHOTAUDEPUR	CHHOTA UDAIPUR	Safe	8,847.09	4,486.03	50.71
CHHOTAUDEPUR	JETPUR PAVI	Safe	9,836.88	6,414.76	65.21
CHHOTAUDEPUR	KAVANT	Safe	10,036.48	4,840.21	48.23
CHHOTAUDEPUR	NASVADI	Safe	8,556.17	2,698.8	31.54
CHHOTAUDEPUR	SANKHEDA	Safe	8,276.89	3,316.44	40.07
DAHOD	DAHOD	Safe	2,955.27	1,612.09	54.55

District	Assessment unit	Category	Extractable	Extraction	Stage
DAHOD	DEVGADH BARIA	Safe	4,915.9	2,527.44	51.41
DAHOD	DHANPUR	Safe	2,044.63	576.11	28.18
DAHOD	FATEPURA	Safe	2,707.33	1,831.78	67.66
DAHOD	GARBADA	Safe	3,452.03	564.67	16.36
DAHOD	LIMKHEDA	Safe	5,722.92	1,482.48	25.9
DAHOD	SANJELI	Safe	1,209.95	216.45	17.89
DAHOD	SINGVAD	Safe	5,435.57	1,268.42	23.34
DAHOD	ZALOD	Safe	5,402.35	2,773.34	51.34
DANG	AHWA	Safe	13,815.56	1,687.48	12.21
DANG	SUBIR	Safe	8,921.48	835.87	9.37
DANG	WAGHAI	Safe	11,236.58	2,026.2	18.03
DEVBHUMI DWARKA	BHANVAD	Semi-critical	11,028.18	7,928.75	71.9
DEVBHUMI DWARKA	KALYANPUR	Safe	13,939.31	9,150.8	65.65
DEVBHUMI DWARKA	KHAMBHALIA	Semi-critical	14,480.84	10,239.26	70.71
DEVBHUMI DWARKA	OKHAMANDAL	Safe	2,349.52	1,217.15	51.8
GANDHINAGAR	DEHGAM	Over-exploited	14,828.79	17,216.86	116.1
GANDHINAGAR	GANDHINAGAR	Over-exploited	15,935.69	21,656.81	135.9
GANDHINAGAR	KALOL	Semi-critical	18,991.1	13,674.24	72
GANDHINAGAR	MANSA	Semi-critical	9,704.26	8,502.35	87.61
GIR SOMNATH	GIR GADHDA	Safe	10,061.15	4,569.88	45.42
GIR SOMNATH	KODINAR	Safe	13,563.51	7,313.75	53.92
GIR SOMNATH	PATAN-VERAVAL	Safe	8,305.38	5,218.38	62.83
GIR SOMNATH	SUTRAPADA	Safe	19,717.72	5,943.53	30.14
GIR SOMNATH	TALALA	Safe	10,131.69	6,143.32	60.63
GIR SOMNATH	UNA	Safe	9,047.53	4,540.04	50.18
JAMNAGAR	DHROL	Semi-critical	6,855.62	5,411.41	78.93
JAMNAGAR	JAMJODHPUR	Safe	18,935.97	10,418.2	55.02
JAMNAGAR	JAMNAGAR	Safe	51,624.7	13,210.47	25.59
JAMNAGAR	JODIYA	Safe	6,542.31	2,421.65	37.02
JAMNAGAR	KALAVAD	Safe	28,080.33	14,626.37	52.09
JAMNAGAR	LALPUR	Safe	24,189.42	8,548.04	35.34
JUNAGADH	BHESAN	Safe	10,154.56	6,937.2	68.32
JUNAGADH	JUNAGADH CITY & JUNA	Safe	15,038.14	9,228.63	61.37
JUNAGADH	KESHOD	Safe	14,580.27	9,608.29	65.9
JUNAGADH	MALIA	Safe	15,549.79	7,361.29	47.34
JUNAGADH	MANAVADAR	Safe	16,355.94	8,144.68	49.8
JUNAGADH	MANGROL	Safe	8,078.02	4,218.69	52.22
JUNAGADH	MENDARDA	Safe	23,535.66	5,753.96	24.45
JUNAGADH	VANTHALI	Safe	13,725.36	5,738.38	41.81
JUNAGADH	VISAVADAR	Safe	35,485.58	12,557.24	35.39
KACHCHH	ABDASA	Safe	9,306.65	3,844.35	41.31
KACHCHH	ANJAR	Safe	12,913.63	6,399.68	49.56
KACHCHH	BHACHAU	Critical	5,027.66	4,827.81	96.02

District	Assessment unit	Category	Extractable	Extraction	Stage
KACHCHH	BHUJ	Over-exploited	13,004.33	14,267.17	109.71
KACHCHH	GANDHIDHAM	Salinity	—	—	—
KACHCHH	LAKHPAT	Safe	10,900.32	777.72	7.13
KACHCHH	MANDVI	Critical	6,499.56	5,855.59	90.09
KACHCHH	MUNDRA	Safe	8,301.63	4,309.18	51.91
KACHCHH	NAKHATRANA	Safe	10,677.5	5,750.25	53.85
KACHCHH	RAPAR	Safe	14,418.7	3,526.73	24.46
KHEDA	GALTESHWAR	Safe	2,067.37	945.5	45.73
KHEDA	KAPADVANJ	Safe	12,106.1	6,516	53.82
KHEDA	KATHLAL	Safe	7,418.86	3,197.68	43.1
KHEDA	KHEDA	Safe	3,365.82	1,021.73	30.36
KHEDA	MAHUDHA	Safe	7,199.09	1,935.53	26.89
KHEDA	MATAR	Safe	7,222.77	1,802.73	24.96
KHEDA	MEHMEDABAD	Safe	8,108.23	5,458.29	67.32
KHEDA	NADIAD	Safe	16,204.61	5,052.26	31.18
KHEDA	THASRA	Safe	9,988.88	2,984.08	29.87
KHEDA	VASO	Safe	5,689.65	1,734.98	30.49
MAHESANA	BECHARAJI	Critical	3,094.11	2,837.57	91.71
MAHESANA	JOTANA	Over-exploited	2,381.41	2,977.85	125.05
MAHESANA	KADI	Semi-critical	7,321.93	6,294.97	85.97
MAHESANA	KHERALU	Over-exploited	7,912.78	14,719.48	186.02
MAHESANA	MAHESANA	Critical	11,797.26	11,083.63	93.95
MAHESANA	SATLASANA	Over-exploited	6,673.16	7,988.44	119.71
MAHESANA	UNJHA	Semi-critical	7,602.69	6,419.52	84.44
MAHESANA	VADNAGAR	Over-exploited	6,603.45	8,453.29	128.01
MAHESANA	VIJAPUR	Over-exploited	13,720.17	15,195.17	110.75
MAHESANA	VISNAGAR	Semi-critical	6,790.37	5,073.02	74.71
MAHISAGAR	BALASINOR	Safe	4,155.88	2,207.58	53.12
MAHISAGAR	KADANA	Safe	5,355.58	1,684.73	31.46
MAHISAGAR	KHANPUR	Safe	4,611.63	2,275.7	49.35
MAHISAGAR	LUNAWADA	Safe	7,972.52	3,852.7	48.32
MAHISAGAR	SANTRAMPUR	Safe	5,390.08	2,715.8	50.39
MAHISAGAR	VIRPUR	Semi-critical	3,118.41	2,288.32	73.38
MORBI	MALIYA	Salinity	—	—	—
MORBI	MORBI	Safe	12,606.57	5,094.11	40.41
MORBI	TANKARA	Safe	15,037.32	8,103.8	53.89
MORBI	WANKANER	Safe	19,282.37	12,130.29	62.91
NARMADA	DEDIAPADA	Safe	8,185.94	4,680	57.17
NARMADA	GARUDESHWAR	Safe	4,376.05	1,688.28	38.58
NARMADA	NANDOD	Semi-critical	18,067.82	13,681.65	75.72
NARMADA	SAGBARA	Safe	4,468.58	2,502.92	56.01
NARMADA	TILAKWADA	Safe	3,594.75	1,879.19	52.28
NAVSARI	BANSDA	Safe	16,131.32	4,578.84	28.38

District	Assessment unit	Category	Extractable	Extraction	Stage
NAVSARI	CHIKHLI	Safe	14,437.05	6,435.24	44.57
NAVSARI	GANDEVI	Safe	8,606.48	2,966.57	34.47
NAVSARI	JALALPORE	Safe	21,377.43	4,469.13	20.91
NAVSARI	KHERGAM	Safe	3,204.8	1,467.22	45.78
NAVSARI	NAVSARI	Safe	11,202.76	2,218.31	19.8
PANCHMAHAL	GHOGHAMBA	Safe	4,089.17	2,426.86	59.35
PANCHMAHAL	GODHRA	Safe	16,073.75	2,507.75	15.6
PANCHMAHAL	HALOL	Safe	8,454.05	2,278.11	26.95
PANCHMAHAL	JAMBUGHODA	Safe	2,032.28	693.21	34.11
PANCHMAHAL	KALOL	Safe	9,469.42	2,382.99	25.17
PANCHMAHAL	MORWA HADAF	Safe	2,975.45	928.09	31.19
PANCHMAHAL	SHEHRA	Safe	10,783.8	1,665.97	15.45
PATAN	CHANASMA	Over-exploited	1,004.51	1,087.86	108.3
PATAN	HARIJ	Salinity	—	—	—
PATAN	PATAN	Critical	10,802.72	10,317.72	95.51
PATAN	RADHANPUR	Salinity	—	—	—
PATAN	SAMI	Salinity	—	—	—
PATAN	SANKHESWAR	Salinity	—	—	—
PATAN	SANTALPUR	Salinity	—	—	—
PATAN	SARSVATI(PATAN)	Over-exploited	10,851.1	15,121.46	139.35
PATAN	SIDHPUR	Over-exploited	13,376.75	13,869.62	103.68
PORBANDAR	KUTIYANA	Safe	6,898.06	3,369.83	48.85
PORBANDAR	PORBANDAR	Safe	7,109.26	4,656.62	65.5
PORBANDAR	RANAVAV	Safe	7,198.9	4,011.04	55.72
RAJKOT	DHORAJI	Semi-critical	10,821.03	9,565.21	88.39
RAJKOT	GONDAL	Safe	34,634.39	18,311.5	52.87
RAJKOT	JAMKANDORNA	Safe	13,679.09	9,556.03	69.86
RAJKOT	JASDAN	Semi-critical	15,716.77	11,233.26	71.47
RAJKOT	JETPUR	Semi-critical	13,861.6	10,602.63	76.49
RAJKOT	KOTADA SANGANI	Safe	9,146.41	5,852.05	63.98
RAJKOT	LODHIKA	Safe	8,260.66	4,806.82	58.19
RAJKOT	PADDHARI	Semi-critical	8,684.9	6,800.18	78.3
RAJKOT	RAJKOT	Safe	25,381.39	13,732.25	54.1
RAJKOT	RAJKOT URBAN	Safe	2,034.23	0	0
RAJKOT	UPLETA	Semi-critical	12,687.36	9,837.72	77.54
RAJKOT	VINCHCHIYA	Semi-critical	8,896.51	7,257.04	81.57
SABARKANTHA	HIMATNAGAR	Semi-critical	17,500.07	14,003.61	80.02
SABARKANTHA	IDAR	Safe	14,964.32	9,988.06	66.75
SABARKANTHA	KHEDBRAHMA	Safe	7,515.04	3,810.72	50.71
SABARKANTHA	POSHINA	Safe	5,421.87	2,632.9	48.56
SABARKANTHA	PRANTIJ	Over-exploited	7,536.51	9,249.67	122.73
SABARKANTHA	TALOD	Safe	9,520.95	5,824.18	61.17
SABARKANTHA	VADALI	Safe	5,960.14	4,010.32	67.29

District	Assessment unit	Category	Extractable	Extraction	Stage
SABARKANTHA	VIJAYNAGAR	Safe	7,739.06	5,349	69.12
SURAT	BARDOLI	Safe	11,162.22	7,143.81	64
SURAT	KAMREJ	Safe	13,860.83	5,522.26	39.84
SURAT	MAHUVA	Safe	10,536.84	4,461.93	42.35
SURAT	MANDVI	Safe	23,499.6	6,512.75	27.71
SURAT	MANGROL	Safe	18,532.79	2,899.63	15.65
SURAT	OLPAD	Safe	12,430.14	1,533.27	12.34
SURAT	PALSANA	Semi-critical	10,757.03	7,944.68	73.86
SURAT	SURAT CITY & CHORASI	Safe	9,066.86	3,741.64	41.27
SURAT	UMARPADA	Safe	12,367.44	1,399.49	11.32
SURENDRANAGAR	CHOTILA	Safe	17,235.75	7,856.45	45.58
SURENDRANAGAR	CHUDA	Semi-critical	4,952.68	3,905.1	78.85
SURENDRANAGAR	DASADA	Safe	4,597.61	511.71	11.13
SURENDRANAGAR	DHRANGADHRA	Safe	17,684.19	8,762.37	49.55
SURENDRANAGAR	LAKHTAR	Safe	3,112.48	415.8	13.36
SURENDRANAGAR	LIMBDI	Safe	3,081.79	268.84	8.72
SURENDRANAGAR	MULI	Safe	7,579.61	4,607.61	60.79
SURENDRANAGAR	SAYLA	Safe	8,970.72	5,752.17	64.12
SURENDRANAGAR	THANGADH	Safe	4,849.17	3,062.58	63.16
SURENDRANAGAR	WADHWAN	Safe	3,994.35	2,192.57	54.89
TAPI	DOLVAN	Safe	8,078.46	4,035.6	49.96
TAPI	KUKARMUNDA	Safe	2,794.59	1,920.89	68.74
TAPI	NIZAR	Safe	2,907.09	1,931.8	66.45
TAPI	UCHCHHAL	Safe	7,776.72	1,642.17	21.12
TAPI	VALOD	Safe	7,875.59	2,961.69	37.61
TAPI	VYARA	Safe	11,577.25	5,040.62	43.54
VADODARA	DABHOI	Safe	17,711	8,571.27	48.4
VADODARA	DESAR	Semi-critical	3,880.21	2,839.37	73.18
VADODARA	PADRA	Critical	11,266.34	10,875.52	96.53
VADODARA	SAVLI	Safe	10,443.43	5,656.73	54.17
VADODARA	SINOR	Critical	7,611.14	6,982.84	91.74
VADODARA	VADODARA	Over-exploited	14,195.41	15,525.05	109.37
VADODARA	VADODARAUR-BAN	Safe	6,859.47	4,357.95	63.53
VADODARA	VAGHODIA	Safe	11,391.31	2,697.83	23.68
VALSAD	KAPRADA	Safe	16,565.53	2,536.2	15.31
VALSAD	PARDI	Safe	7,925.88	3,308.48	41.74
VALSAD	UMERGAM	Safe	10,712.08	1,845.03	17.22
VALSAD	VAPI	Safe	4,657.36	1,309.03	28.11

Hectare-metres, except stage and category. Source: the 2024 unit sheet. A salinity row keeps its category and leaves a blank number blank.

24 / 2023

Taluka account, 2023

Annexure II of the 2023 assessment is the historical control: 33 districts, 246 taluka rows, 234 of them numeric. Each numeric row was checked against recharge parts, extractable resource, extraction, future availability and stage. Salinity rows are category only. Environmental flow on the numeric rows is the ecology figure already cited. It is repeated here only as the stage and the category of the taluka, so the later district account can be read against the taluka that preceded it.

District	Taluka as printed	Extractable ham	Extraction ham	Stage	Category
AHMEDABAD	AHMEDABAD CITY & DAS	12,712.65	19,423.6	152.79	Over Exploited
AHMEDABAD	AHMEDABAD URBAN	1,903.19	1,784.44	93.76	critical
AHMEDABAD	BAVLA	9,454.64	7,214.11	76.3	Semi Critical
AHMEDABAD	DHANDHUKA Salinity	—	—	—	Salinity
AHMEDABAD	DHOLERA Salinity	—	—	—	Salinity
AHMEDABAD	DHOLKA	6,535.86	2,816.75	43.1	safe
AHMEDABAD	MANDAL	1,589.14	1,535.97	96.65	critical
AHMEDABAD	SANAND	7,682.75	3,514.87	45.75	safe
AHMEDABAD	VIRAMGAM	2,073.4	498.82	24.06	safe
AMRELI	AMRELI	16,458.33	9,595.83	58.3	safe
AMRELI	BABRA	18,647.77	10,756.21	57.68	safe
AMRELI	BAGASARA	6,077.92	3,886.97	63.95	safe
AMRELI	DHARI	26,853.12	9,828.28	36.6	safe
AMRELI	JAFRABAD	3,853.01	2,168.03	56.27	safe
AMRELI	KHAMBHA	11,575.24	4,826.82	41.7	safe
AMRELI	KUNKAVAV VADIA	21,521.97	9,350.88	43.45	safe
AMRELI	LATHI	15,268.72	6,666.1	43.66	safe
AMRELI	LILIA	5,404.43	2,990.8	55.34	safe
AMRELI	RAJULA	4,229.33	3,254.38	76.95	semi_critical
AMRELI	SAVAR KUNDLA	18,642.58	11,506.47	61.72	safe
ANAND	ANAND	13,998.45	6,180.36	44.15	safe
ANAND	ANKLAV	11,407.9	3,263.61	28.61	safe
ANAND	BORSAD	17,487.44	5,366.79	30.69	safe
ANAND	KHAMBHAT	9,631.74	1,358.12	14.1	safe
ANAND	PETLAD	15,364.33	3,181.52	20.71	safe
ANAND	SOJITRA	12,339.99	2,473.42	20.04	safe
ANAND	TARAPUR	16,229.38	243.09	1.5	safe
ANAND	UMRETH	11,041.22	2,483.95	22.5	safe
ARVALLI	BAYAD	17,985.61	8,384.35	46.62	safe
ARVALLI	BHILODA	23,084.21	8,982.36	38.91	safe
ARVALLI	DHANSURA	7,825.48	3,695.62	47.23	safe
ARVALLI	MALPUR	4,990.99	3,463.84	69.4	safe
ARVALLI	MEGHRAJ	18,679.68	5,377.95	28.79	safe
ARVALLI	MODASA	13,146.95	6,026.01	45.84	safe
BANASKANTHA	AMIRGADH	8,519.35	4,564.26	53.58	safe

District	Taluka as printed	Extractable ham	Extraction ham	Stage	Category
BANASKANTHA	BHABHAR Salinity	—	—	—	Salinity
BANASKANTHA	DANTA	11,874.97	5,097.59	42.93	safe
BANASKANTHA	DANTIWADA	7,866.82	7,927.35	100.77	over_exploited
BANASKANTHA	DEESA	22,717.36	32,398.41	142.62	over_exploited
BANASKANTHA	DEODAR	4,832	5,349.89	110.72	over_exploited
BANASKANTHA	DHANERA	12,814.78	22,347.46	174.39	over_exploited
BANASKANTHA	KANKREJ	8,908.52	13,531.1	151.89	over_exploited
BANASKANTHA	LAKHANI	7,907.91	12,599.37	159.33	over_exploited
BANASKANTHA	PALANPUR	15,333.2	11,492.65	74.95	semi_critical
BANASKANTHA	SUIGAM Salinity	—	—	—	Salinity
BANASKANTHA	THARAD	4,316.59	7,092.44	164.31	over_exploited
BANASKANTHA	VADGAM	11,634.31	12,443.53	106.96	over_exploited
BANASKANTHA	VAV Salinity	—	—	—	Salinity
BHARUCH	AMOD	2,187.86	1,354.21	61.9	safe
BHARUCH	ANKLESVAR	7,757.45	2,138.42	27.57	safe
BHARUCH	BHARUCH	9,041.78	4,119.65	45.56	safe
BHARUCH	HANSOT	5,238.68	242.55	4.63	safe
BHARUCH	JAMBUSAR	8,500.35	531.41	6.25	safe
BHARUCH	JHAGADIA	10,167.81	6,074.2	59.74	safe
BHARUCH	NETRANG	6,135.22	1,806.83	29.45	safe
BHARUCH	VAGRA	7,721.99	157.76	2.04	safe
BHARUCH	VALIA	6,130.83	3,011.25	49.12	safe
BHAVNAGAR	BHAVNAGAR	10,514.11	1,962.89	18.67	safe
BHAVNAGAR	GARIADHAR	6,713.14	3,677.66	54.78	safe
BHAVNAGAR	GHOGHA	4,955.82	2,826.5	57.03	safe
BHAVNAGAR	JESAR	7,950.28	2,432	30.59	safe
BHAVNAGAR	MAHUVA	20,088.52	9,300.89	46.3	safe
BHAVNAGAR	PALITANA	16,520.03	6,815.48	41.26	safe
BHAVNAGAR	SIHOR	15,259.36	6,152.1	40.32	safe
BHAVNAGAR	TALAJA	15,986.83	7,945.9	49.7	safe
BHAVNAGAR	UMRALA	6,247.04	3,655.9	58.52	safe
BHAVNAGAR	VALLABHIPUR	2,144.78	744.5	34.71	safe
BOTAD	BARWALA	1,186.62	564.12	47.54	safe
BOTAD	BOTAD	17,431.26	8,869.51	50.88	safe
BOTAD	GADHADA	13,269.11	8,844.62	66.66	safe
BOTAD	RANPUR	12,553.23	4,057.32	32.32	safe
CHHOTA UDEPUR	BODELI	10,713.24	2,372.24	22.14	safe
CHHOTA UDEPUR	CHHOTA UDAIPUR	8,635.43	4,140.83	47.95	safe
CHHOTA UDEPUR	JETPUR PAVI	9,715.93	5,975	61.5	safe
CHHOTA UDEPUR	KAVANT	10,343.05	4,320.97	41.78	safe
CHHOTA UDEPUR	NASVADI	7,746.34	2,248.37	29.02	safe
CHHOTA UDEPUR	SANKHEDA	7,636.64	2,833.43	37.1	safe
DAHOD	DAHOD	2,817.3	1,674.53	59.44	safe

District	Taluka as printed	Extractable ham	Extraction ham	Stage	Category
DAHOD	DEVGADH BARIA	4,413.33	2,303.09	52.18	safe
DAHOD	DHANPUR	1,877.8	579.39	30.85	safe
DAHOD	FATEPURA	2,655.43	1,738.73	65.48	safe
DAHOD	GARBADA	3,320.35	562.92	16.95	safe
DAHOD	LIMKHEDA	5,299.01	1,420.65	26.81	safe
DAHOD	SANJELI	1,252.69	643.7	51.39	safe
DAHOD	SINGVAD	4,663.14	1,220.38	26.17	safe
DAHOD	ZALOD	4,824.8	2,148.92	44.54	safe
DANG	AHWA	9,426.48	987.59	10.48	safe
DANG	SUBIR	7,027.75	378.68	5.39	safe
DANG	WAGHAI	10,944.3	1,372.38	12.54	safe
DEVBHUMI DWARKA	BHANVAD	11,944.4	7,281.7	60.96	safe
DEVBHUMI DWARKA	KALYANPUR	15,229.92	7,953.09	52.22	safe
DEVBHUMI DWARKA	KHAMBHALIA	15,844.99	9,347.06	58.99	safe
DEVBHUMI DWARKA	OKHAMANDAL	2,378.56	1,068.39	44.92	safe
GANDHINAGAR	DEHGAM	14,608.85	14,632.72	100.16	over_exploited
GANDHINAGAR	GANDHINAGAR	14,349.57	17,073.89	118.99	over_exploited
GANDHINAGAR	KALOL	18,047.14	13,128.12	72.74	semi_critical
GANDHINAGAR	MANSA	10,604.72	8,340.61	78.65	semi_critical
GIR SOMNATH	GIR GADHDA	9,820.83	3,044.96	31.01	safe
GIR SOMNATH	KODINAR	13,409.19	7,241.4	54	safe
GIR SOMNATH	SUTRAPADA	19,635.17	5,335.97	27.18	safe
GIR SOMNATH	TALALA	10,035.85	5,925.44	59.04	safe
GIR SOMNATH	UNA	9,244.54	5,572.3	60.28	safe
JAMNAGAR	DHROL	7,323.4	4,786.16	65.35	safe
JAMNAGAR	JAMJODHPUR	19,809.27	9,662.17	48.78	safe
JAMNAGAR	JAMNAGAR	51,662.14	12,556.2	24.3	safe
JAMNAGAR	JODIYA	7,380.17	2,276.73	30.85	safe
JAMNAGAR	KALAVAD	29,229.53	13,899.87	47.55	safe
JAMNAGAR	LALPUR	25,299.51	8,064.14	31.87	safe
JUNAGADH	BHESAN	10,026.58	6,482.64	64.65	safe
JUNAGADH	KESHOD	14,352.59	8,927.97	62.2	safe
JUNAGADH	MALIA	15,708.78	6,930.38	44.12	safe
JUNAGADH	MANAVADAR	16,441.87	7,640.66	46.47	safe
JUNAGADH	MANGROL	8,149.66	3,938.94	48.33	safe
JUNAGADH	MENDARDA	23,580.59	5,337.5	22.64	safe
JUNAGADH	VANTHALI	14,343.02	5,477.87	38.19	safe
JUNAGADH	VISAVADAR	36,537.14	11,682.04	31.97	safe
KACHCHH	ABDASA	11,121.31	3,786.57	34.05	safe
KACHCHH	ANJAR	12,405.82	5,702.96	45.97	safe
KACHCHH	BHACHAU	5,255.14	5,871.53	111.73	over_exploited
KACHCHH	BHUJ	12,827.03	15,521.43	121.01	over_exploited
KACHCHH	GANDHIDHAM Salinity	—	—	—	Salinity

District	Taluka as printed	Extractable ham	Extraction ham	Stage	Category
KACHCHH	LAKHPAT	10,671.16	1,184.41	11.1	safe
KACHCHH	MANDVI	5,576.99	5,320.71	95.4	critical
KACHCHH	MUNDRA	8,159.75	4,003.71	49.07	safe
KACHCHH	NAKHATRANA	11,936.51	5,445.58	45.62	safe
KACHCHH	RAPAR	14,057.12	2,890.61	20.56	safe
KHEDA	GALTESHWAR	1,639.7	1,005.15	61.3	safe
KHEDA	KAPADVANJ	11,385.61	5,722.02	50.26	safe
KHEDA	KATHLAL	6,778.46	2,988.41	44.09	safe
KHEDA	KHEDA	3,525.04	889.25	25.23	safe
KHEDA	MAHUDHA	7,142.1	1,945.33	27.24	safe
KHEDA	MATAR	7,109.29	1,621.69	22.81	safe
KHEDA	MEHMEDABAD	8,004.24	5,025.48	62.79	safe
KHEDA	NADIAD	15,696.43	6,948.59	44.27	safe
KHEDA	THASRA	8,537.93	2,768.23	32.42	safe
KHEDA	VASO	5,042.25	1,282.37	25.43	safe
MAHESANA	BECHARAJI	3,294	3,964.95	120.37	over_exploited
MAHESANA	JOTANA	2,238.58	2,777.08	124.06	over_exploited
MAHESANA	KADI	8,430.68	7,335.39	87.01	semi_critical
MAHESANA	KHERALU	6,625.79	12,349.1	186.38	over_exploited
MAHESANA	MAHESANA	11,800.01	10,748.71	91.09	critical
MAHESANA	SATLASANA	6,605.72	7,136.45	108.03	over_exploited
MAHESANA	UNJHA	7,732.74	5,751.04	74.37	semi_critical
MAHESANA	VADNAGAR	5,505.51	7,169.43	130.22	over_exploited
MAHESANA	VIJAPUR	12,977.25	14,486.05	111.63	over_exploited
MAHESANA	VISNAGAR	5,807.52	5,119.82	88.16	semi_critical
MAHISAGAR	BALASINOR	3,926.95	2,045.49	52.09	safe
MAHISAGAR	KADANA	5,009.56	1,607.98	32.1	safe
MAHISAGAR	KHANPUR	4,564.22	2,195.79	48.11	safe
MAHISAGAR	LUNAWADA	7,528.45	3,320.61	44.11	safe
MAHISAGAR	SANTRAMPUR	4,910.51	2,625.51	53.47	safe
MAHISAGAR	VIRPUR	2,658.32	1,696.19	63.81	safe
MORBI	HALVAD	19,147.88	7,893.88	41.23	safe
MORBI	MALIYA Salinity	—	—	—	Salinity
MORBI	MORBI	13,494.16	4,610.1	34.16	safe
MORBI	TANKARA	15,996.61	7,654.76	47.85	safe
MORBI	WANKANER	20,231.97	11,455.86	56.62	safe
NARMADA	DEDIAPADA	7,763.19	2,787.7	35.91	safe
NARMADA	GARUDESHWAR	4,319.52	1,744.53	40.39	safe
NARMADA	NANDOD	17,525.47	12,936.31	73.81	semi_critical
NARMADA	SAGBARA	4,358.21	2,012.07	46.17	safe
NARMADA	TILAKWADA	3,871.21	1,629.58	42.09	safe
NAVSARI	BANSDA	15,326.57	2,004.28	13.08	safe
NAVSARI	CHIKHLI	14,225.09	5,554.31	39.05	safe

District	Taluka as printed	Extractable ham	Extraction ham	Stage	Category
NAVSARI	GANDEVI	8,687.69	4,079.12	46.95	safe
NAVSARI	JALALPORE	22,342.05	3,868.37	17.31	safe
NAVSARI	KHERGAM	3,787.44	2,630.87	69.46	safe
NAVSARI	NAVSARI	11,323.59	2,407.4	21.26	safe
PANCHMAHAL	GHOGHAMBA	3,765.13	2,512.49	66.73	safe
PANCHMAHAL	GODHRA	16,081.01	2,376.62	14.78	safe
PANCHMAHAL	HALOL	8,347.89	1,827.78	21.9	safe
PANCHMAHAL	JAMBUGHODA	2,003.49	633.02	31.6	safe
PANCHMAHAL	KALOL	9,148.17	1,854.39	20.27	safe
PANCHMAHAL	MORWA HADAF	2,709.6	734	27.09	safe
PANCHMAHAL	SHEHRA	10,596.48	1,546.9	14.6	safe
PATAN	CHANASMA	1,075.08	1,166.93	108.54	over_exploited
PATAN	HARIJ Salinity	—	—	—	Salinity
PATAN	PATAN	11,971.77	9,049.82	75.59	semi_critical
PATAN	RADHANPUR Salinity	—	—	—	Salinity
PATAN	SAMI Salinity	—	—	—	Salinity
PATAN	SANKHESWAR Salinity	—	—	—	Salinity
PATAN	SANTALPUR Salinity	—	—	—	Salinity
PATAN	SIDHPUR	12,492.63	11,375.76	91.06	critical
PORBANDAR	KUTIYANA	6,987.58	3,146.35	45.03	safe
PORBANDAR	PORBANDAR	6,898.89	4,181.24	60.61	safe
PORBANDAR	RANAVAV	7,399.32	3,337.3	45.1	safe
RAJKOT	DHORAJI	11,449.93	9,054.72	79.08	semi_critical
RAJKOT	GONDAL	36,343.97	17,604.48	48.44	safe
RAJKOT	JAMKANDORNA	14,584.69	8,766.91	60.11	safe
RAJKOT	JASDAN	15,990.06	15,562.67	97.33	critical
RAJKOT	JETPUR	15,224.23	9,995.56	65.66	safe
RAJKOT	KOTADA SANGANI	9,946.72	5,786.81	58.18	safe
RAJKOT	LODHIKA	8,579.5	4,670.05	54.43	safe
RAJKOT	PADDHARI	9,271.9	6,512.07	70.23	semi_critical
RAJKOT	RAJKOT	25,856.34	12,988.18	50.23	safe
RAJKOT	RAJKOT URBAN	2,219.1	0.89	0.04	safe
RAJKOT	UPLETA	13,426.31	9,418.59	70.15	semi_critical
RAJKOT	VINCHCHIYA	8,892.99	7,613.32	85.61	semi_critical
SABARKANTHA	HIMATNAGAR	15,667.44	11,791.26	75.26	semi_critical
SABARKANTHA	IDAR	15,262.61	10,958.79	71.8	semi_critical
SABARKANTHA	KHEDBRAHMA	7,515.9	3,806.95	50.65	safe
SABARKANTHA	POSHINA	5,204.11	1,820.76	34.99	safe
SABARKANTHA	PRANTIJ	7,227.14	8,660.93	119.84	over_exploited
SABARKANTHA	TALOD	9,338.69	5,826.77	62.39	safe
SABARKANTHA	VADALI	6,175.51	5,178.3	83.85	semi_critical
SABARKANTHA	VIJAYNAGAR	7,667.11	4,764.16	62.14	safe
SURAT	BARDOLI	10,483.59	5,757.1	54.92	safe

District	Taluka as printed	Extractable ham	Extraction ham	Stage	Category
SURAT	KAMREJ	13,411.47	5,764.44	42.98	safe
SURAT	MAHUVA	10,403.59	4,711.97	45.29	safe
SURAT	MANDVI	21,008.32	5,376.59	25.59	safe
SURAT	MANGROL	19,327.16	2,488.95	12.88	safe
SURAT	OLPAD	12,546.55	1,289.27	10.28	safe
SURAT	PALSANA	10,716.33	6,872.5	64.13	safe
SURAT	SURAT URBAN	13,369.82	15,417.82	115.32	over_exploited
SURAT	UMARPADA	12,812.69	1,055.07	8.23	safe
SURENDRANAGAR	CHOTILA	17,069.55	9,755.64	57.15	safe
SURENDRANAGAR	CHUDA	4,731.91	3,449.71	72.9	semi_critical
SURENDRANAGAR	DASADA	4,551.64	334.22	7.34	safe
SURENDRANAGAR	DHRANGADHRA	18,458.15	8,205.66	44.46	safe
SURENDRANAGAR	LAKHTAR	3,075.83	226	7.35	safe
SURENDRANAGAR	LIMBDI	2,719.88	178.71	6.57	safe
SURENDRANAGAR	MULI	8,416.98	4,386.75	52.12	safe
SURENDRANAGAR	SAYLA	9,741.35	5,749.12	59.02	safe
SURENDRANAGAR	THANGADH	4,815.13	2,750.06	57.11	safe
SURENDRANAGAR	WADHWAN	3,966.85	1,951.52	49.2	safe
TAPI	DOLVAN	7,494.73	1,855.6	24.76	safe
TAPI	KUKARMUNDA	2,614.08	1,823	69.74	safe
TAPI	NIZAR	2,748.49	1,698.4	61.79	safe
TAPI	SONGADH	25,498.03	5,581.39	21.89	safe
TAPI	UCHCHHAL	6,729.05	1,410.1	20.96	safe
TAPI	VALOD	7,169.9	3,191.57	44.51	safe
TAPI	VYARA	11,408.04	5,373.83	47.11	safe
VADODARA	DABHOI	17,147.85	7,594.82	44.29	safe
VADODARA	DESAR	3,385.24	2,481.89	73.32	semi_critical
VADODARA	KARJAN	16,550.69	9,739.97	58.85	safe
VADODARA	PADRA	10,161.05	9,866.95	97.11	critical
VADODARA	SAVLI	10,091.42	5,190.25	51.43	safe
VADODARA	SINOR	7,614.89	6,776.91	89	semi_critical
VADODARA	VADODARA	14,788.36	14,450.99	97.72	critical
VADODARA	VAGHODIA	10,768.57	2,441.35	22.67	safe
VALSAD	DHARAMPUR	12,570.18	4,400.04	35	safe
VALSAD	KAPRADA	16,470	2,396.69	14.55	safe
VALSAD	PARDI	7,842.08	2,863.59	36.52	safe
VALSAD	UMERGAM	10,680.92	1,711.53	16.02	safe
VALSAD	VALSAD	16,120.33	5,553.07	34.45	safe
VALSAD	VAPI	4,647.88	1,220.77	26.27	safe

A blank extractable cell is a salinity row, not a zero resource.

Schemes on 12 June 2019

The district totals of 12 June 2019 are the sum of these schemes. Two hundred and four schemes are stored. Design and present storage are million cubic metres. A printed zero stays zero. An empty scheme row in the workbook was skipped and is not invented. This list does not include the districts the workbook says have no state irrigation scheme, and it does not describe 13 May 2025.

District	Scheme as printed	Region	Design gross	Present gross	Present live
Botad	Khambhada	Saurashtra	4.41	0.1278	0
Botad	Utavali	Saurashtra	9.01	0	0
Banaskantha	Mukteshwar	North Gujarat	31.46	3.359	0
Banaskantha	Dantiwada	North Gujarat	393.62	25.5431	19.3331
Banaskantha	Sipu	North Gujarat	161.43	10.8178	0
Narmada	Karjan	South Gujarat	538.75	171.707	147.607
Bharuch	Dholi	South Gujarat	14.17	7.6	5.99
Narmada	Chopadvav	South Gujarat	12.05	1.65	0.9
Bharuch	Baldeva	South Gujarat	8.15	0.3161	0.0061
Bharuch	Pigut	South Gujarat	7.52	0.2838	0.0338
Narmada	Kakdi-Amba	South Gujarat	9.37	1.018	0.368
Mahisagar	Wanakbori	Central Gujarat	41.88	37.66	32
Mehsana	Dharoi	North Gujarat	813.14	129.7907	62.2807
Panchmahal	Panam	Central Gujarat	578.18	264.3929	239.1729
Panchmahal	Deo	Central Gujarat	67.95	9.0385	2.4485
Panchmahal	Hadaf	Central Gujarat	22.09	9.46	4.64
Mahisagar	Kadana	Central Gujarat	1,249.3	545.1342	487.5342
Dahod	Patadungari	Central Gujarat	41.05	7.92	6.51
Mahisagar	Bhadar (P)	Central Gujarat	30.95	2.24	0.52
Panchmahal	Karad	Central Gujarat	42.45	3.2797	0.8897
Dahod	Machchhanala	Central Gujarat	27.75	8.39	2.46
Dahod	Kabutari	Central Gujarat	9.58	1.51	0
Dahod	WNKL.-BHEY	Central Gujarat	13.3	2.1788	0.5688
Dahod	Umaria	Central Gujarat	13.54	1.6829	0
Dahod	Edalwada	Central Gujarat	14.08	1.4923	0.6923
Dahod	Kali - II	Central Gujarat	14.52	3.73	0.12
Aravalli	Watrak	North Gujarat	158.2	0	0
Sabarkantha	Guhai	North Gujarat	68.75	7.1754	0
Aravalli	Mazam	North Gujarat	43.86	12.7144	5.4344
Aravalli	Hathmati	North Gujarat	145.9	14.498	10.958
Aravalli	Lank	North Gujarat	7.54	0.0117	0
Sabarkantha	Javanpura	North Gujarat	2.5	0.0565	0
Sabarkantha	Harnav-II	North Gujarat	21.67	5.6614	3.9614
Aravalli	Meshwo	North Gujarat	53.13	20.2082	17.0482
Aravalli	Waidy	North Gujarat	9.28	0.9	0.32
Tapi	Ukai	South Gujarat	7,414.29	919.33	234.94

District	Scheme as printed	Region	Design gross	Present gross	Present live
Tapi	Doswada	South Gujarat	3.8	0.5862	0.5862
Surat	Ver-II	South Gujarat	38.3	2.37	1.12
Surat	Lakhigam	South Gujarat	4.89	0.29	0.08
Chhotaudepur	Sukhi	Central Gujarat	173.01	15.358	5.568
Chhotaudepur	Rami	Central Gujarat	4.55	0.261	0.201
Valsad	Damanganga	South Gujarat	524.86	69.9649	23.1949
Navsari	Jhuj	South Gujarat	28.65	2.519	1.449
Navsari	Kelia	South Gujarat	19.98	1.41	0.66
Kachchh	Tappar	Kutchchh	49.03	26.2615	26.0215
Kachchh	Godhatad	Kutchchh	13.99	0.0492	0
Kachchh	Sanandro	Kutchchh	10.35	0.2489	0
Kachchh	Rudramata	Kutchchh	61.53	0.034	0
Kachchh	Nara	Kutchchh	39.7	0.2787	0
Kachchh	Niruna	Kutchchh	27.17	0	0
Kachchh	Bhukhi	Kutchchh	15.58	0.2655	0
Kachchh	Kankawati	Kutchchh	10.5	0.017	0
Kachchh	Mathal	Kutchchh	12.29	0	0
Kachchh	Kaila	Kutchchh	8.95	0	0
Kachchh	Suvi	Kutchchh	10.46	2.7753	0.7353
Kachchh	Kaswati	Kutchchh	8.2	0.0003	0
Kachchh	Gajod	Kutchchh	7.71	0.0066	0
Kachchh	Jangdia	Kutchchh	9.04	0.112	0
Kachchh	Fatehgadh	Kutchchh	7.44	2.2754	1.4554
Kachchh	Berachia	Kutchchh	6.85	0	0
Kachchh	Gajansar	Kutchchh	5.98	0.6574	0
Kachchh	Kalaghogha	Kutchchh	4.98	0	0
Kachchh	Don	Kutchchh	2.28	0.89	0
Kachchh	Mitti	Kutchchh	20.24	0	0
Amreli	Khodiyar	Saurashtra	29.94	5.126	5.126
Amreli	Thebi	Saurashtra	10.65	0.0605	0
Amreli	Dhatarvadi	Saurashtra	26.92	3.8811	1.5911
Amreli	Raidy	Saurashtra	6.93	0.582	0.032
Amreli	Vadiya	Saurashtra	5.36	0	0
Amreli	Vadi	Saurashtra	10.62	0.0505	0
Amreli	Shell-Dedumal	Saurashtra	7.81	0.3738	0
Amreli	Munjiasar	Saurashtra	13.64	0.0172	0.0072
Amreli	Sankroli	Saurashtra	7.87	0	0
Amreli	Surajwadi	Saurashtra	6.37	0	0
Amreli	Dhatarwadi-II	Saurashtra	10.19	0	0
Bhavnagar	Shetrunji	Saurashtra	308.68	28.66	19.88
Bhavnagar	Rajawal	Saurashtra	28.21	0	0
Botad	Kalubhar	Saurashtra	18.14	0	0
Botad	Malpara	Saurashtra	6.9	0	0

District	Scheme as printed	Region	Design gross	Present gross	Present live
Bhavnagar	Kharo	Saurashtra	12.24	0.0051	0
Bhavnagar	Malan	Saurashtra	11.44	0	0
Bhavnagar	Ranghola	Saurashtra	36.81	0	0
Botad	Limbali	Saurashtra	0.01	0	0
Bhavnagar	Lakhanka	Saurashtra	3.68	0	0
Bhavnagar	Hamirpara	Saurashtra	2.02	0	0
Bhavnagar	Hanol	Saurashtra	5.6	0	0
Botad	Kaniyad	Saurashtra	2.93	0.0076	0
Bhavnagar	Pingli	Saurashtra	2.11	0.0399	0
Botad	Goma	Saurashtra	15.75	0	0
Bhavnagar	Bagad	Saurashtra	11.18	1.059	0
Bhavnagar	Rojki	Saurashtra	9.23	0.2678	0.1678
Botad	Bhimdad	Saurashtra	6.79	0	0
Amreli	Ghelo-I	Saurashtra	10.09	0	0
Jamnagar	Und-I	Saurashtra	69.05	0	0
D.B.Dwarka	Sani	Saurashtra	39.02	0	0
Jamnagar	Sasoi	Saurashtra	37.97	0	0
D.B.Dwarka	Ghee	Saurashtra	10.97	0	0
Jamnagar	Fulzar-I	Saurashtra	11.36	0.0001	0
Jamnagar	Dia-Minsar	Saurashtra	11.1	0	0
D.B.Dwarka	Vartu-I	Saurashtra	11.79	0	0
Jamnagar	Vijarkhi	Saurashtra	9.7	0	0
Jamnagar	Puna	Saurashtra	7.83	0	0
Jamnagar	Umiyasagar	Saurashtra	1.55	0	0
D.B.Dwarka	Gadhaki	Saurashtra	9.34	0.0007	0
Jamnagar	Ruparel	Saurashtra	4.27	0	0
Jamnagar	Und-II	Saurashtra	37.12	0	0
Jamnagar	Kankavati	Saurashtra	6.81	0	0
Jamnagar	Rangmati	Saurashtra	3.36	0	0
D.B.Dwarka	Vartu-II	Saurashtra	25.6	0	0
Jamnagar	Fulzar (KB)	Saurashtra	18.03	0.0832	0
Jamnagar	Aji-IV	Saurashtra	39.83	0	0
Morbi	Demi - III	Saurashtra	9.6	0	0
Jamnagar	Phophal-II	Saurashtra	6.13	0	0
Jamnagar	Sapada	Saurashtra	5.56	0	0
D.B.Dwarka	Sonmati	Saurashtra	7.4	0.0003	0
Jamnagar	Fulzar-II	Saurashtra	3.1	0	0
D.B.Dwarka	Shedhabhadthari	Saurashtra	5.62	0	0
Jamnagar	Veradi	Saurashtra	6.42	0	0
Jamnagar	Wodisang	Saurashtra	7.85	0	0
Jamnagar	Rupavati	Saurashtra	2.76	0.0001	0
Jamnagar	Und-III	Saurashtra	4.69	0.0002	0
D.B.Dwarka	Sindhani	Saurashtra	8.73	0	0

District	Scheme as printed	Region	Design gross	Present gross	Present live
D.B.Dwarka	Kabarka	Saurashtra	4.3	0	0
Gir Somnath	Shingoda	Saurashtra	36.4	5.553	5.223
Gir Somnath	Hiran-II	Saurashtra	38.58	3.645	0.085
Gir Somnath	Raval	Saurashtra	26.73	4.8132	2.0832
Gir Somnath	Machhundri	Saurashtra	31.84	6.1777	1.0377
Junagadh	Uben	Saurashtra	16.2	0	0
Junagadh	Madhuvanti	Saurashtra	11.65	1.179	0.829
Junagadh	Prempara	Saurashtra	1.33	0	0
Junagadh	Hasanapur	Saurashtra	8.4	3.0263	2.8163
Junagadh	Ozat-II	Saurashtra	36.2	6.9771	0
Junagadh	Vrajmi	Saurashtra	10.35	0	0
Junagadh	Ambajal	Saurashtra	10.55	0.637	0
Junagadh	Draphad	Saurashtra	9.62	0.188	0
Junagadh	Bantva-Kharo	Saurashtra	6.68	0	0
Junagadh	Ozat-Weir	Saurashtra	1.95	0	0
Junagadh	Ozat-Weir(Vanthali)	Saurashtra	1.79	0	0
Junagadh	Mota-Gujariya	Saurashtra	7.64	0	0
Gir Somnath	Hiran-I	Saurashtra	20.22	4.183	3.603
Junagadh	Jhanjeshri	Saurashtra	10.03	0	0
Porbandar	Phodarness	Saurashtra	23.65	0	0
Porbandar	Khambhala	Saurashtra	15.37	0	0
Porbandar	Sorthi	Saurashtra	8.46	0	0
Porbandar	Amipur	Saurashtra	30	0	0
Porbandar	Kalindri	Saurashtra	7.22	0	0
Porbandar	Advana	Saurashtra	2.61	0	0
Rajkot	Bhadar	Saurashtra	188.14	2.8127	2.5827
Rajkot	Bhadar - II	Saurashtra	49	1.5297	0
Morbi	Machchhu-II	Saurashtra	87.9	14.0638	10.2638
Rajkot	Aji-III	Saurashtra	49.75	9.3836	5.7636
Rajkot	Moj	Saurashtra	36.69	1.369	1.369
Rajkot	Venu-II	Saurashtra	22.58	0.4837	0
Rajkot	Nyari-II	Saurashtra	12.25	0.5563	0
Rajkot	Karmal	Saurashtra	12.7	0	0
Rajkot	Veri	Saurashtra	4.59	2.6051	2.6051
Rajkot	Karnuki	Saurashtra	8.54	0	0
Morbi	Machchhu - I	Saurashtra	68.95	4.9428	4.9428
Rajkot	Phophal - I	Saurashtra	51.83	2.1888	0
Rajkot	Aji-I	Saurashtra	26.42	11.695	11.265
Rajkot	Nyari - I	Saurashtra	35.36	11.071	9.331
Rajkot	Lalpari	Saurashtra	5.11	0.042	0.042
Rajkot	Aji - II	Saurashtra	22.09	3.8044	2.4744
Morbi	Demi - II	Saurashtra	21.33	0.067	0
Rajkot	Chhaparwadi-II	Saurashtra	16.61	0	0

District	Scheme as printed	Region	Design gross	Present gross	Present live
Morbi	Ghodadhroi	Saurashtra	6.88	0.621	0
Rajkot	Motisar	Saurashtra	2.58	0	0
Rajkot	Khodapipar	Saurashtra	3	0	0
Rajkot	Survo	Saurashtra	13.9	0	0
Rajkot	Dondi	Saurashtra	3.8	0	0
Rajkot	Sodvadar	Saurashtra	4.84	0.0004	0
Morbi	Demi - I	Saurashtra	22.17	0	0
Rajkot	Gondali	Saurashtra	10.11	0	0
Rajkot	Ghelo - S	Saurashtra	6.06	0	0
Rajkot	Vachhapari	Saurashtra	6.12	0	0
Rajkot	Phadangbeti	Saurashtra	5.89	0	0
Rajkot	Ishwaria	Saurashtra	5.25	0	0
Morbi	Bangawadi	Saurashtra	7.67	0.013	0
Rajkot	Kabir-Sarovar	Saurashtra	6.49	0	0
Rajkot	Dhari	Saurashtra	3.01	0	0
Rajkot	Malgadh	Saurashtra	2.64	0	0
Botad	Sukhbhadar	Saurashtra	41.13	0.7748	0
Surendranagar	Nyka	Saurashtra	13.71	0	0
Surendranagar	Dholidhaja	Saurashtra	20.39	15.984	14.284
Surendranagar	Falku	Saurashtra	13.02	0.6701	0.3401
Surendranagar	Nimbmani	Saurashtra	6.18	0	0
Surendranagar	Lim-Bhogavo-II	Saurashtra	15.17	1.9667	0
Surendranagar	Vansal	Saurashtra	3.98	0	0
Morbi	Brahmani	Saurashtra	58.33	3.97	1.93
Surendranagar	Lim-Bhogavo-I	Saurashtra	22.43	0.1253	0
Surendranagar	Morshal	Saurashtra	3.25	0.0032	0
Surendranagar	Saburi	Saurashtra	4.5	0.0018	0
Surendranagar	Triveni Thanga	Saurashtra	3.23	0.0009	0
Jamnagar	Veradi-II	Saurashtra	9.79	0	0
D.B.Dwarka	Minsar (V)	Saurashtra	5.85	0.0024	0
Bhavnagar	Jaspara-Mandva	Saurashtra	3.72	0	0
Sabarkantha	Khedva	North Gujarat	7.63	0.6352	0
Junagadh	Sabali	Saurashtra	7.2	0.1201	0
Porbandar	Saran	Saurashtra	1.69	0	0
Morbi	Brahmani-II	Saurashtra	19.8	0.331	0
Sabarkantha	Gorathiya	North Gujarat	4.15	0.495	0
Kheda	Varansi	Central Gujarat	3.18	0.1395	0
Morbi	Machchhu-III	Saurashtra	7.99	0.3594	0
Porbandar	Rana Khirasara	Saurashtra	4.02	0.0003	0

Million cubic metres. Source: the scheme sheet whose district totals match, not the column-shifted major-schemes sheet.

Sources

Every figure in this volume is traceable to a row in the source register of the final Schemia. The register is the authority for publisher, title and coverage. A web address in the workbook is the path that was retrieved. It is not re-fetched for this book.

Source	Publisher	Dataset or document
GJ-SRC-001	Central Ground Water Board (CGWB)	Dynamic Ground Water Resources of Gujarat, 2024
GJ-SRC-002	Central Ground Water Board (CGWB)	Dynamic Ground Water Resources of Gujarat, 2025
GJ-SRC-003	Central Ground Water Board (CGWB)	Ground Water Resource Assessment portal
GJ-SRC-004	Central Ground Water Board (CGWB)	Ground Water Year Book 2024-25 Gujarat State
GJ-SRC-005	Central Ground Water Board / Ministry of Jal Shakti	National Compilation on Dynamic Ground Water Resources of India, 2025
GJ-SRC-006	Central Ground Water Board (CGWB)	Dynamic Ground Water Resources of Gujarat, 2024 — Table 4.4 district-wise extraction an...
GJ-SRC-2025-NAT	2025	Gujarat district-level recharge and extraction table
GJ-SRC-007	Narmada, Water Resources, Water Supply and Kalpsar Department, Government of Gujarat	Details of Monitoring Station of Daily Rainfall
GJ-SRC-008	India Meteorological Department (IMD)	Monsoon Report 2024
GJ-SRC-009	Government of Gujarat, Narmada Water Resources, Water Supply & Kalpsar Department / State Water Data Center	Details of Rainfall Data Availability at State Water Data Center Gandhinagar
GJ-SRC-010	Gujarat Surface Water & Ground Water Department via NWIC/NWDP	Rainfall (Manual - Daily), Gujarat SW-GW, 2021–2025
GJ-SRC-011	Central Water Commission via NWIC/NWDP	Rainfall (Manual - Daily), CWC Gujarat, 2021–2025
GJ-SRC-012	Gujarat Surface Water & Ground Water Department via NWIC/NWDP	Rainfall (Manual - Daily), Gujarat SW-GW, 1991–2020
GJ-SRC-GWL-2025-AUG	Central Ground Water Board (CGWB)	Gujarat Ground Water Level Bulletin — August 2025
GJ-SRC-013	Central Ground Water Board (CGWB)	Dynamic Ground Water Resources of Gujarat State as on March 2023
GJ-SRC-014	Central Ground Water Board (CGWB)	Groundwater Quality Bulletin of India — Pre-monsoon 2024
GJ-SRC-015	Central Ground Water Board (CGWB)	Gujarat Ground Water Level Bulletin — Pre-monsoon 2025, Table 2: District-wise variabil...
GJ-SRC-016	Government of Gujarat, Narmada Water Resources, Water Supply and Kalpsar Department	Dantiwada Water Resources Project — official project page
GJ-SRC-017	Government of Gujarat, Narmada Water Resources, Water Supply and Kalpsar Department	Demi-I Water Resources Project — official project page
GJ-SRC-018	Government of Gujarat, Narmada Water Resources, Water Supply and Kalpsar Department	Mukteshwar Water Resources Project — official project page
GJ-SRC-019	Government of Gujarat, Narmada Water Resources, Water Supply and Kalpsar Department	Machhu-II Water Resources Project — official project page
GJ-SRC-020	Government of Gujarat, Directorate of Social Defence / Census publication	Population and decadal change by residence: 2011 (Persons)
GJ-SRC-024	Department of Land Resources, Ministry of Rural Development / WDC-PMKSY 2.0	Report O6 — District-wise Distribution of Area by Irrigation Status, Ownership, Land Cl...

Source	Publisher	Dataset or document
GJ-SRC-025	Department of Land Resources, Ministry of Rural Development, Government of India	WDC-PMKSY 2.0 Report O12 — District-wise Additional Area Brought Under Irrigation
GJ-SRC-026	Department of Land Resources, Ministry of Rural Development, Government of India	WDC-PMKSY 2.0 Report O12 — District-wise Benefitted Farmers
GJ-SRC-027	Department of Land Resources, Ministry of Rural Development, Government of India	WDC-PMKSY 2.0 Report O12 — District-wise Water Harvesting Structures Constructed/Revived
GJ-SRC-028	Directorate of Economics and Statistics, Ministry of Agriculture and Farmers Welfare	Horizontal crop, vertical year APY report — Gujarat, 2022-2023, garlic, banana, potato,...
GJ-SRC-029	Directorate of Economics and Statistics, Ministry of Agriculture and Farmers Welfare	Horizontal crop, vertical year APY report — Gujarat, 2022-2023, all crops returned for ...
GJ-SRC-030	Central Ground Water Board (CGWB)	Dynamic Ground Water Resources of Gujarat, 2025 — Annexure III taluka table
GJ-SRC-031	Directorate of Economics and Statistics, Ministry of Agriculture and Farmers Welfare	Land Use Statistics at a Glance 2024-25 — Gujarat state rows
GJ-SRC-032	Directorate of Economics and Statistics, Ministry of Agriculture and Farmers Welfare	Horizontal crop, vertical year APY report — Gujarat, 1997-1998 to 2022-2023, all crops ...
GJ-SRC-033	Central Ground Water Board	Dynamic Ground Water Resources of Gujarat, 2024 — taluka tables
GJ-SRC-034	Gujarat Surface Water and Ground Water / NWIC	Rainfall manual daily, Gujarat SW-GW, 1961-1990 file
GJ-SRC-035	Gujarat Surface Water and Ground Water / NWIC	Rainfall manual daily, Gujarat SW-GW, 1991-2020 file
GJ-SRC-036	Gujarat Surface Water and Ground Water / NWIC	Rainfall manual daily, Gujarat SW-GW, portal 2021-2025 file
GJ-SRC-037	Gujarat Surface Water and Ground Water / NWIC	Groundwater level manual quarterly, Gujarat SW-GW
GJ-SRC-038	Gujarat Surface Water and Ground Water / NWIC	Groundwater level telemetry 6-hourly, Gujarat SW-GW, 2021-2025
GJ-SRC-039	Gujarat Surface Water and Ground Water / NWIC	River discharge manual daily, Gujarat SW-GW
GJ-SRC-040	CWC / CPCB / CGWB / Gujarat SW-GW via NWIC	GJ_NWDP_discharge_swgw_1950_2000.csv
GJ-SRC-041	CWC / CPCB / CGWB / Gujarat SW-GW via NWIC	GJ_NWDP_discharge_cwc_1950_2000.csv
GJ-SRC-042	CWC / CPCB / CGWB / Gujarat SW-GW via NWIC	GJ_NWDP_discharge_cwc_2001_2025.csv
GJ-SRC-043	CWC / CPCB / CGWB / Gujarat SW-GW via NWIC	GJ_NWDP_swq_cwc_1961_2020.csv
GJ-SRC-044	CWC / CPCB / CGWB / Gujarat SW-GW via NWIC	GJ_NWDP_swq_cwc_2021_2025.csv
GJ-SRC-045	CWC / CPCB / CGWB / Gujarat SW-GW via NWIC	GJ_NWDP_swq_cpcb_1961_2020.csv
GJ-SRC-046	CWC / CPCB / CGWB / Gujarat SW-GW via NWIC	GJ_NWDP_swq_cpcb_2021_2025.csv
GJ-SRC-047	CWC / CPCB / CGWB / Gujarat SW-GW via NWIC	GJ_NWDP_gwq_cgwb_1961_2025.csv
GJ-SRC-048	NWIC	Gujarat water spread area ph1
GJ-SRC-049	NWIC	Gujarat water spread area ph2

Source	Publisher	Dataset or document
GJ-SRC-050	Department of Animal Husbandry and Dairying	District-wise goat population, 20th Livestock Census
GJ-SRC-051	Department of Animal Husbandry and Dairying	District-wise sheep population, 20th Livestock Census
GJ-SRC-052	Narmada, Water Resources, Water Supply and Kalpsar Department	Districtwise storage position of dams, 13 May 2025
GJ-SRC-053	Jal Jeevan Mission	Functionality Assessment of Household Tap Connections, Gujarat State Report 2024
GJ-SRC-054	Central Ground Water Board	Dynamic Ground Water Resources of Gujarat State as on March 2023
GJ-SRC-055	Gujarat Pollution Control Board	Monthly progress report on polluted river stretches, February 2024
GJ-SRC-056	Directorate of Economics and Statistics, Gujarat	Socio-Economic Review, Gujarat State, 2024-25
GJ-SRC-057	Directorate of Economics and Statistics, Ministry of Agriculture	Land Use Statistics, sources of irrigation, 2023-24
GJ-SRC-058	Survey of India, via National Water Informatics Centre	District boundary, state attribute GJ
GJ-SRC-059	India-WRIS / National Water Informatics Centre	GWR 2025 block and taluka layer
GJ-SRC-060	India-WRIS water-resource project register	Dam points, gross storage
GJ-SRC-061	Registrar General and Census Commissioner, printed by the Directorate of Economics and Statistics	Socio-Economic Review 2024-25, statement 1.3
GJ-SRC-062	India-WRIS / Central Water Commission	Basins whose printed state list includes Gujarat
GJ-SRC-063	Gujarat Pollution Control Board	Monthly progress report on polluted river stretches, March 2026
GJ-SRC-064	Space Applications Centre, ISRO	National Wetland Atlas: Gujarat, Table 5
GJ-SRC-065	Space Applications Centre, ISRO	National Wetland Atlas: Gujarat, Table 4
GJ-SRC-066	Gujarat Water Supply and Sewerage Board	Annual Administrative Report 2017-18, Annexure 11 and Annexure 12
GJ-SRC-067	Gujarat Pollution Control Board / National Mission for Clean Ganga	Monthly Progress Report, March 2026, Annexure 1(B) and Annexure 1(C)
GJ-SRC-068	Gujarat Water Supply and Sewerage Board	Annual Administrative Report 2017-18, Annexure 7
GJ-SRC-069	Narmada, Water Resources, Water Supply and Kalpsar Department	Minor Irrigation Census Data, taluka tables
GJ-SRC-070	Ministry of Jal Shakti, Minor Irrigation Statistics Wing	First Census of Water Bodies, Volume 2, Gujarat annexure
GJ-SRC-071	Narmada, Water Resources, Water Supply and Kalpsar Department	Details of surface water and ground water resources of Gujarat
GJ-SRC-072	Narmada, Water Resources, Water Supply and Kalpsar Department	Districtwise storage and scheme storage, 12 June 2019
GJ-SRC-073	Sardar Sarovar Narmada Nigam Ltd	Water utilization 2023-24, ICID presentation, June 2025
GJ-SRC-074	Department of Animal Husbandry and Dairying	District-wise livestock population, 20th Livestock Census, 2019

Titles longer than the line are cut in this list only. The workbook keeps the full title.

The close

Read as one number, Gujarat’s groundwater stage is 55.95 percent and the atlas index is 75.2 percent. Neither number is the state. The first is a ratio of two printed state totals. The second is an average of twenty-eight workstreams, several of which are complete and several of which are stopped on purpose.

The place the record will support is more particular. Banaskantha’s printed stage is above 100 percent while other districts print a stage under 30. Kachchh holds most of the wetland hectare in a 25-district atlas. The 13 May 2025 bulletin is a 27-name storage day. Narmada water in 2023–24 is a 14,445 MCM utilisation with two further lines that must not be added into it. People are counted. Water supplied in 2017–18 is counted. Water required, in cubic metres, for those people, for the herds, and for the crops, is not.

The Tamil Nadu bar of 90 percent remains 14.8 percentage points away. The watershed rows, still project land, are the largest part of that distance. The integrated residual is blank. Present storage does not name every district. Desalination is not an operating register. Those are the conditions of this edition, not a preface to a number that was filled in.

Rainfall is an input. Water availability is an outcome. Where the outcome was not printed, the page stops.

END OF THE ABRIDGED VOLUME

Edition T0 — October 2026. Spine: Gujarat_Water_Schemia_V1.0_FINAL.xlsx (FROZEN). Index 75.2. Acceptance blocked.

G. L. Sudhakar · OPXL Consulting · Akhsheya Group · Chennai

India Water Systems Atlas · Gujarat · Groundwater and surface water.