BIBLIOGRAPHY

Aboidun, A.A. (1973) Analysis of Seepage into Groundwater system. Jou. Hydro. Div., ASCE, V.99 (7) , pp 1203-1208.

Agrawal, M.C. & Malik, R.K. (1982) Study of Water Table Behaviour In Haryana. In: Proc. 19th annual convention of ISAE, College of Technology & Agricultural Engg. Udaipur, pp 32-43.

Allen, J. R. L. (1965) A Review of He Origin and Characteristic of Recent Alluvail Sedimets. Sedimentology, V.5, pp 89-101.

Anderson, J.R., Hardy, E.E., Roach, J.T. & Witmer, R.E. (1976) A Land Use And Land Cover Classification System For Use With Remote Sensor Data. Geol. Survey Professional Paper-964, pp 1-27.

Andezhath, S.K., Susheela, A. K. and Ghosh (1999) Fluorosis Management In India: The Impact Due To Networking Between Health And Rural Drinking Water Supply Agencies. IAHS-AISH Publ., V.260, pp 159-165.

Anonymous, (1981) 25 Years Research on Soil and Water Conservation in Ravine Lands of Gujarat. Central Soil & Water Conservation Research and Training Institute, Research Centre, Vasad, Gujarat.

Anonymous, (1994) Soils of Gujarat for Optimising Land Use. National Bureau of Soil Survey and Land Use Planning, Nagpur.

APHA, AWWA & WPCF (1995) Standard Methods For The Examination Of Water & Waste Water (19th Ed.) American Public Health Association.

APHA (1976) Standard Methods For The Examination Of Water & Waste Water (14th Ed.) Washington, D.C., Amer Public Health Assoc. pp 1193.

Aris, A. Z., Abdullah, M. H., and Kim, K-W., (2007) Hydro Geochemistry of Groundwater in Manukan Island, Sabah, The Malaysian Journal Of Analytical Sciences, V. 11, No 2, pp 407-413.

Atlas of Hydrogeomorphological Maps of India-Gujarat, Dadra nagar haveli & Diu & Daman (1990) Department of space, Govt. of India.

Auden, J.B (1949) Dykes In Western India. Trans. Nat. Inst. Of Science, India, V.3, pp 123-157.

Ayers, R.S. & Westcot, D.W. (1985) Water quality for agriculture. Irrigation & Drainage Paper No. 29. (Revised) F.A.O., Rome, Italy.

Ayers, R.S. & Westcot, D.W. (1976) Water Quality For Agriculture. Irrigation & Drainage Paper No. 29. Food & Agriculture Organisation of the United Nations. Rome.

Babu Rao, Subrahmanyam, P. & Dhar, R.L. (2001) Geo-environmental effects of groundwater in Andhra Pradesh, India. Jour. Of Environmental Geology, V.40 (4-5), pp 632-642.

Babu, P.V.L.P., (1977) Geomorphology Of The Cambay Basin, J.Indi.Soc.Photo-Int. V.1, pp 9-17.

Babulal Das, Jitu Talukdar et. al. (2003) Fluoride and other inorganic constituents in groundwater of Guwahati, Assam, India , Current Science, V.85, No.5, pp 657-661.

Back, W and Hanshaw, B.B. (1965) Chemical Geohydrology. Advances in Hydroscience, V.1, pp 48-109.

Back, W (1960) Origin Of Hydrochemical Facies Of Groundwater In Atlantica Coastal Plains, In: Proc 21st Int. Geol. Cong. Copenhagen, Part Q, pp 87-95.

Balasubramanian, A., Subramanian, S.N And Sastri, J.C.V., (1991) Hych Basic Complex Program For Hydro Geological Studies, Groundwater Management And Development In Irrigation And Other Water Sector, 7-8 March 1991, Trivandrum.

Barodawala S. F., (1991) Geo-Environmental Studies In And Around Baroda. Ph.D. Thesis (Unpublished), Department Of Geology, M.S. University Of Baroda, India.

Baweja, B. K. And Karanth, K. R., (1980) Recharge Estimation of India Bulletin No. 2 of Central Groundwater Board.

Bedi, N (1976) Study of Geomorphology, fluvial processes and quaternary Tectonics in area around Narmada River G.S.I.

Bedi, N (1978) Geomorphology of Mahi river basin in Gujrat , India, Proc. of the Symposium on morphology and evolution of land form , University of Delhi, Delhi, pp 26-40.

Bedi, N.,Vaidhyanathan , R, and Wartair, (1982) Effect Of Neotectonic On The Morphology Of The Narmada River In Gujarat , Western India, Gebruder, Borsntrager, D-100 Berlin, D-7000 Stuttgort. pp 87-102.

Bhumbala, D.R. and Abrol, I.P. (1972) Is your water suitable for irrigation? Indian Farming, vol. 22(4), pp 15-16.

BIS (1991) Indian Standard Specification For Drinking Water IS: 10500. Indian Standard Institute.

Biswas, S.K. (1971) A Note on Geology Of Kutch.Quat. J. Geol. Min. Met. Soc. India, 43: 4, pp 223-235.

Biswas, S.K. (1982) Rift Basins in the Western Margin of India & their Hydrocarbon prospects. Bull. Am Assoc. Pet. Geol.,V 66(10), pp 1497-1513.

Biswas, S.K. and Despande S.V. (1983) Geology and Hydrogeology Carbon Prospects of Kutch, Saurashtra and Narmada basin, Petrol Asia J., K.D. M. I. P. E. , O.N. G. C., Dehradun pp 111-126.

Biswas, S.K. (1987) Regional Tectonic Framework, Structures and Evolution Of The Western Margin Of India. Tectonophysics, V. 135, pp 307-327.

Biswas, S.K. (1987) Regional Tectonic Framework, Structure And Evolution Of The Western Marginal Basin of India, Elsevier Science Publishers B.V. Amsterdam, Printed in Netherlands.

Blandford, W.T (1869) On the Geology of Taptee and Lower Nabudda Valleys and Some Adjoining Districts. Mem. Geol. Surv. Of India, V. 6 point 3, pp 163-384.

Bose, P.N (1908) Notes on the Geology & Mineral Resources of Rajpipla State. Rec. G.S.I, V. 37, pt.2.

Boul, S.W., Hole,F.D. and Mc Crawican , R.J. (1980) Soil Genesis and Classification , Oxford and IBH publishing company Co. New Delhi.

Bloom, A. L. (1979) Geomorphology, (A Systematic Analysis Of Late Cenozoic Landforms) Printice hall of India private limited, New Delhi-110001.

Carlson, C.A., Phillips, F.M., Elmore, D., Bentley, H.W., (1990) Chlorine-36 Tracing Of Salinity Sources in the Dry Valleys of Victoria Land, Land, Antarctica. Geochemical Cosmochin. Acta 54, pp 311-318.

Census of India (2001) District census handbook Bharuch, Director of census operations, Gujarat.

Central Water Commission (2006) Integrated Hydrological Data Book (Non-Classified River Basins).

CGWB (1995) Ground Water Resources of India. Faridabad: Ministry of Water Resources, Government of India.

CGWB, Ahmedabad (1997) Ground Water Resources of India. Faridabad: Ministry of Water Resources, Government of India.

CGWB, New Delhi, (2000) Guide on Artificial Recharge to Groundwater. Faridabad: Ministry of Water Resources, Government of India.

CGWB, Ahmedabad (March, 2003) Ground Water Year Book 2001-2002.

CGWB and Narmada, water Resources & WS & Kalpsar Department (2005) Report on dynamic ground water resources of Gujarat state (As on March 2004).

CGWB and Narmada, water Resources & WS & Kalpsar Department (2005) Report on dynamic ground water resources of Gujarat state (As on March 2004).

Chadha, D.K. (1998) Geochemical Classification of Natural Waters. Bhujal News, V. 13 (1&2), pp 431-439.

Chambers L. A., Bartley, J.G., Herczeg, A.L. (1996) Hydrogeochemical Evidence For Surface Water Recharge To A Shallow Regional Aquifer In Northern Victoria, Australia, Jour. of Elsvier, Vol. 181, pp 63-83.

Chamyal, L.S., Merh S.S (1992) Sequence Stratigraphy of The Surface Quaternary Deposits in the Semi-arid Basins of Gujarat. Men and Environment. V. 27, pp 33-40

Chamyal, L.S., Maurya, D.M., S. Bhandari, S. Rachna Raj (2002) Late Quaternary Geomorphic Evolution of the Lower Narmada Valley, Western India: Implication for Neotectonic activity along the Narmada Son Fault. Geomorphology, v.46, pp 177-202.

Chandra, P.K. And Chowdhary, L.R. (1969) Stratigraphy Of The Cambay Basin Bull, O.N.G.C., 6:2, pp 37-50.

Chhabra, R. (1996) Soil Salinity and Water Quality. Oxford & IBH Publishing Co. Pvt Ltd., New Delhi, pp 284.

Chatterji , G.C. (1969) Geohydrological Map Of India , Geological Survey Of India.
Choubey , V. D. (1968) The Narmada – Son Line Thrust , The Great Boundary Fault Along The Southern Margin Of The Southern Margin Of The Vindhyan Basin Central India, West Commemoration Vol. pp 420-438.

Choudhury, P. R. (1999) Integrated Remote Sensing And GIS Techniques For Groundwater Studies In Part Of Betwa Basin, Ph.D. Thesis (Unpublished), Department Of Earth Sciences, University Of Roorkee, India.

Chow Ven Te (1964) Handbook of Applied Hydrology. Mc Graw Hill Book Company.

Christiansen, J.E. Olsen, E.C. & Willardson, L.S. (1975) Irrigation Water Quality Evaluation, Irrigation & Drainage Division, ASCE, Utah,46p.

Christiansen, J.E. Olsen, E.C. & Willardson, L.S. (1977) Irrigation Water Quality Evaluation, Jour.Of The Irrigation & Drainage Division, ASCE, V.103 (IR2), pp 155-169.

Clark, I.D., Fritz, P., (1997) Environment Isotopes In Hydrogeology, Crc Press, Boca Raton, pp 232.

Coulombs, C.E., Wilding, L.P. & Dixon, J.B. (1996) Overview Of Vertisols Characteristics & Impacts On Society, Advances In Agronomy, Academic Press, v. 57, pp 290-375.

Das, B. K. , Kakar, Y. P., Moser H., Stichler W. (1988) Deuterium and Oxygen-18studies in groundwater of the Delhi area, India, Journal of Hydrology, 98, pp 133-146.

Das Babul, Talukdar Jitu, Sarma Surashree, Gohain Biren, Dutta R.K., Das H. B., and Das S. C., (2003) Fluoride and other inorganic constituents in groundwater of Guwahati, Assam, India, Current Science, 2003 Vol.85 No.5, pp 657-661.

Das, D., Behara, S.C., Kar, A., Narendra, P. and Guha, S., (1997) Hydrogeomorphological Mapping in Groundwater Exploration using remotely sensed data – A case study in Keonjhar District, Orissa. J. Indian Soc. of Remote Sensing 25: pp 247-259.

Davis, S.N. and De Wiest, RJ.M. (1966) Hydrogeology. John Wiley & Sons, Inc. New York, pp 386.

Davis , S.N. & De Wiest, R.J.M. (1967) Hydrogeology. (2nd Ed.) John Wiley & sons, Inc. New York, pp 463.

Dhruvnarayan, V.V. N., and Rama, B. (1983) Estimation of Soil Erosion In India Journal Of Irrigation And Drainage Engineering, 109: No. 4. ASCE, ISSN, 0733 – 9437/ 83/004-0419.

Director, CGWB, Western Region, (1995) Report of the Group on the Estimation of Ground Water Resources and Irrigation Potentials From Ground Water In Gujarat.

Dilip S. & Chawla D.R (1946) Suitablity of Water for Irrigation Purpose. Indian Farming , V. 2 pp 133-135

Donnen, L.D. (1964) Notes on Water Quality In Agriculture. Water Sci. & Engg. Paper, 4001. University Of California. pp 10.
Dos Santos, A.G., Jr., And E. G. Youngs (1969) A Study of The Specific Yield In Land Drainage Situations, Journal Of Hydrology, V-8, pp 59-81.

Eaton, FM (1950) Significance of Carbonate in Irrigation Water. Jour. Sci, V.69, pp 123-133.

Elango, L., Kannan, R. And Senthil M., Kumar, (2003) Major Ion Chemistry And Identification Of Hydrogeochemical Processes Of Ground Water In A Part Of Kancheepuram District, Tamil Nadu, India, Environmental Geosciences, V. 10, No. 4, pp 1–10.
EPA (Environmental Protection Agency) (1976) Quality Criteria for Water, Washington DC, USA.

Fisher, R. S., and Mulican III, W. F., (1997). Hydrochemical evolution of sodium-sulphate and sodium-chloride groundwater beneath the Northern Chihuahuan desert, Trans-Pecos, Texas, USA, Hydrogeology Journal, V.5, No.2, pp 4-16.

Foote , R.B (1898) The Geology of Baroda State. Baroda State Press, pp 1-122.

Freeze, R.A. & Cherry J.A. (1979) Groundwater, Prentice Hall, Englewood cliffs, New York.

Freeze, R.A. And Cherry, J.A. (1979) Groundwater, Prentice Hall. Inc., New Jersey, pp 604.

Gadekar ,D. R. (1972) A New Approach To The Geosynclinals Nomenclature Of The Cambay Basin ,M.S.U. Vol.XXI No.3 pp 49-53.

Gadekar, D.R. , Nayak S.D. & Sahai, B. (1981) Some Aspects of Geomorphic Evolution Of The Lower Narmada & Mahi Rivers From Landsat Imagery Recent Researches In Geology, V.9. pp 32-41.

Ganapati, S, Desai, S. J. Merh, S. S. (1985) Significance of Narmada geofracture in Quaternary history of Gujarat coast . Proc. Symp . Quat. Epis . Dept. of geol. M.S. University, Baroda pp 97 – 107.

G. P. C. B (1988) The Open File Report On Quality Of Water In Gujarat State.

Garg, S.K. (1998) Hydrology & water resources engineering, (20th Ed.), Khanna Publishers, pp 28-119.

Garrels, R.M and Chirst, C.L. (1965) Solution, Minerals & Equilibria. Haper & Row, New Yark. pp 450.

Glover, CR (2000) Irrigation Water Classification Systems, Guide A/116, College of Agriculture & Home Economics, New Mexico State University.

Goreham. E (1955) On the Acidity Salinity of Rain; Geochim. Et Cosmochim Acta, V.7, pp 331-339.

Gopinath, G. and Saralathan, P., (2004) Identification of groundwater prospective zones using IRS-1D LISS III and Pump test methods. J. Indian Soc. of Remote Sensing 32: 329-342 Groundwater Prospects of the Peregu river basin by using remote sensing data. Environ Geol 40: pp 1088-1094.

Government of Gujarat (1986) Report of experts committee for coastal saline areas from Bhavnagar to Valsad state, Vol . 1

Government Of India, Ministry Of Irrigation, (1984) Report On The Groundwater Estimation Committee On Ground Water Estimation Methodology.

Gujarat Engineering Research Institute Gujarat State (1981) A Series Of Districts Reports On Use Of Local Materials for Construction No, 5 And 8.

Gujarat Ecology Commission, Vadodara (1997). Ecological Degradation around Gulf of Khambhat, Gujarat.

Gustafsson, P., (1993) High Resolution Satellite Data And GIS As A Tool For Assessment Of Groundwater Potential Of S Semi-Arid Area. In: IXth Thematic Conference on Geologic Remote Sensing. 8-11 February, 1993 at Pasadena, California, USA.

G. W. R. D. C (1987) Report on Groundwater Condition and Resource Estimation in Narmada command area between river Narmada and Mahi -- Gandhinagar

Haigh, M. J. (1984) Ravine Erosion and Reclamation In India. Geotorum V. 15: 4, pp 543 – 561.

Handa, B.K., (1964. A) Modified classification procedure for rating irrigation water. Soil Sci., 98, pp 264.

Handa, B.K., (1964. B) Calcium Carbonate saturation of aquifers in India. Rep 22nd Int. Nat. Geol. Cong. 1964, Part 12, Geohydrology, pp 88-101.

Handa, B.K. (1965) Modified Hill-Piper Diagram For Representing Water Analysis Data, Current Science, V.34, pp 313-314.

Handa, B.K. (1983) Hydrochemcial Zone of India, Int. Conf. On Groundwater & Man V.2, pp 109-120.

Harth, H. (1965) Zum Problem Der Anreicherung Der Gewasser Mit Kaliumsalzen und 40K. Disch. Gewasserk. Mitt. Sonderh, pp 4-7.

Healy, R.W & Cook, P.G. (2002) Using groundwater levels to estimate recharge. Hydrogeological Jour., v.10 (1), pp 91-109.

Hem, J.D. (1959) Study & Interpretation Of The Chemical Characteristics Of Natural Water. U.S.Geol. Surv. Water Supply Paper No. 1473, Washington D.C. pp 269.

Hem, J.D. (1970) Study and Interpretation of the Chemical Characteristics of Natural Water. U.S.Geol. Surv. Water supply paper No. 1473, pp 363.

Hem, J.D. (1970) Study And Interpretation Of The Chemical Characteristics Of Natural Water. U.S.Geol. Surv. Water Supply Paper No. 1473, U.S.D.I., Washington, pp 269.

Hem, J.D., (1989) Study And Interpretation Of The Chemical Characteristics Of Natural Waters, 3rd Ed., Us Geological Survey, Water-Supply Paper, 2254, pp 89.

Hem, J.D. (1991) Study And Interpretation Of The Chemical Characteristics Of Natural Water. U.S.Geol. Surv. Water supply paper No. 2254, pp 388.
Hoffman G.J (1997) Water Quality Criteria for Irrigation. EC 97-782 University of Nebraska, Institute of Agriculture and National Resources, Netherland, pp 1-10.

Horn, M.K., Adams, J.A (1966) Computer Derived Geochmical Balances & Element Abundance, Geochim. Cosmochim., Acta, V. 30, pp 279-297.

I.C.M.R (1975) Manual of standards of quality for drinking water supplies (2nd) Indian, Council of Medical Research, New Delhi, Special Report Series, No. 44.

I.S.I., (1964) Indian Standard Methods of Sampling and Test (Physical and Chemical) For Water Used In Industry. pp 122.

Indian Standard Institute (1979) Methods Of Sampling & Test (Physical & Chemical) For Water In Industry, IS:3025-1964. pp 15.

Indian Standard Institute (1983) Characteristic of Drinking Water, IS: 10500, New Delhi, pp 6-11.

Jain, C.K & Chaurasia, L.P. (1998) Irrigation Suitability Of Surface & Sub-Surface Water In Upper Urmil River Basin, Chhatarpur District, Central India. Jour of Indian water Resources Society, V.18 (4), pp 57-62.

Jain, C.K., Bhatia, K.K.S. & Kumar, V. (2000) Groundwater quality data in Sagar District, Madhya Pradesh. Indian Jour. Environmental Health, V.42 (4), pp.151-158.

Jain C.K & Sharma M.K. (2000) Regression analysis of groundwater quality data of Sagar District, Madhya Pradesh. Indian Jour. Environmental Health, V.42 (4), pp.159-168.

Jottun, L.S. Vashi, N.M., Hardas, M.G. & Merh, S.S. (1982) Geomorphic Studies on the Coastal Plains of South Gujrat. Unpublished U.G.C. Report. M.S. University of Baroda. pp 286-313.

Kaila, K. L., Krishna, V.G and Mall, D. M (1981) Crustal Structure Along Mehmadabad , Billimora Profile In The Cambay Basin – India - From Deep Seismic Soundings . Tectonophysics 78: pp 99 – 130.

Kalia , K. L. , Reddy , P.R. , Dixit , M .M and Koteshwara , R. P. (1985) Crustal structure across the Narmada - Son Lineaments Central India , from deep Seismic sounding , J. Geol . soc . India , 226 : 71 , pp 465-486.

Karanth, K.R. (1987) Groundwater Assessment, Development & Management. Tata Megraw-Hill Publ. Co. Ltd., New Delhi.

Keerthisecl, K.., Kapoor, S.L., Suresha, A. & Prakash, T.R. (2001) Salnity intrusion from tidal recharge & its impact on groundwater quality in Goa State. Jour. Geol. Soc. Of India, V.57, pp 257-262.

Kelly, W.P (1941) Permissible Composition of Irrigation Water. ASCE paper No. 2114, Transaction V.106 pp 22-26.

Kingston Hayden, Bethune Matthew, Alam Jahangir (2001) Improving water use efficiency by reducing groundwater recharge under irrigated pastures

Krishnan, M. S. (1982) Geology of India and Burma. Higginbothams (private) Ltd. Mount road, Madras – 2.

Krishnamurthy, J., Venkatesa Kumar, N., Jayaraman, V. & Manivel, M. (1996) An Approach to Demarcate Ground water Potential Zones through Remote Sensing and A Geographical Information System. International Journal of Remote Sensing, 7, pp 1867-1884

Krishnamurthy, J., Arul Mani, M., Jayaraman, V. & Manivel, M. (1997) Selection of Sites for Artificial Recharge Towards Groundwater Development of Water Resource in India. Proceeding of the 18th Asian Conference on Remote Sensing, Kuala Lumpur. 20 - 24 October.

Krishnamurthy R.V., Murad, Ahmed A., (2004). Factors controlling groundwater quality in Eastern United Arab Emirates: a chemical and isotopic approach.

Krupanidhi, K.V.J.R. (1986), CGWB. Groundwater Resources and Development Potential of Broach (Bharuch) District, Gujarat.

Kulkarni, H. & Deolankar, S.B. (1995) Hydrogeological Mapping In The Deccan Basalts-An Appraisal. Jour. Geological Society Of India, V.46, pp 345-352.

Kumar, Ashok (1994) CGWB, Report on Reappraisal Hydrogeological Survey in part of Baroda District Gujarat (AAP 1993-94).

Lush. C (1836) Geological notes on the Northern Cocan & a small part of Gujarat., Bengal Asiatic Society's J. V. 1.

Mason, B. (1952) Principles of Geochemistry, John Wiley & Sons, New York.

Mathur, L.P., Rao, K.L.N. & Chaube, A.N. (1968) Tectonic Framework Of Cambay Basin, India. Bull. ONGC, V.5 (1), pp 7-28.

Matthess, G. (1982) The Properties Of Groundwater Quality. John Willey & Sons, Inc., New York, pp 406.

Matthess, G. (1976) Effects of Man's Activities On Groundwater Quality. Hydrol. Sci. Bull., 21, pp 617-628.

Maurya, D.M., Chamyal L.S. and Merh, S.S. (1995) Tectonic Evolution of the Central Gujarat plain Western India Current Science V. 69, pp 610-613.

Maurya, D.M., Malik, J.N., Rachna Raj And Chamyal, L.S. (1997) The Holocene Valley fill Terraces in the Lower Mahi valley, Western India. Curr. Sci., V.73, pp 539-542.

Maurya, D.M., Rachna Raj and Chamyal, L.S. (2000) History of Tectonic Evolution of Gujarat Alluvial Plains, Western India, during Quaternary: a review. Jour. Geol. Soc. of India, V.55, pp 343-366.

Mayback M. (1987), 'Global chemical weathering of surficial rocks estimated from river dissolved loads', American Journal of science, V. 287, pp 401-428.

Mazor, E., 1997. Chemical And Isotopic Groundwater Hydrology: The Applied Approach, 2nd Ed., Marcel Dekker, Inc New York, pp 255-269.

Mc. Kee, J.E. & Bacon, V.W. (1953) An Analysis Of Water Quality Criteria. Proc. Of A.S.C.E., Sanitary Engineering, pp 35-43.

Merh, S.S. (1986) Evolution of Gujarat Coastline. Professor S. Mukherjee Memorial Lecture, M.G. Science Institute, Ahmedabad.

Merh, S.S. (1987) Quaternary Sea Level Changes, The Present Status Vis – A Vis Records Along Coasts Of India, Indian J, Of Earth Science V. 14 , No. 3 – 4 , p. 235 – 251.

Merh, S. S. (1995) Geology of Gujarat. Geol. Soc. India, Bangalore, pp 219.

Merh, S. S., Chamyal, L.S. (1997) The Quaternary Geology of the Gujarat alluvial plains. Geol. Soc. India, Bangalore, pp 219.

Mishra A.K., Mishra A., Premraj (2006). Escalation of groundwater fluoride in the ganga alluvial plain of India, International Society for Fluoride Research, 39(1), pp 35-38.

Mohan R., Singh A. K., Tripathi J. K. and Chowdhary G. C. (2000), 'Hydrochemistry and quality assessment of groundwater in naini industrial area, Allahabad district, Uttar Pradesh', Journal of Geological Society of India, V.55, pp 77-89.

Mondal, N. C., And Singh V. S., (2004) A New Approach To Delineate The Groundwater Recharge Zone In Hard Rock Terrain.

Murthy, T.V. V.G. R.K., and Mishra, S.K. (1981) Narmada Son Lineament and Structure of the Narmada Rift System. J. Geol. Soc. India V.22 No. 3, pp.112.

Murthy, J.C.A . (1975) Conjunctive Use of Water Resources Along The Mahi River Between Poicha.

Narmada and Water Resources Department (1992). Report on the Committee on Estimation of Groundwater Resources and Irrigation potential in Gujarat state (1991), pp 0-105.

Nayak, S.R. and Sahni, B. (1985) Coastal Geomorphology of the Gulf of Khambhat , Proc. Sym. Quat . Episodes, Dept. of Geology, M.S. University, Baroda. pp 87-96.

NRSA (2000) Rajiv Gandhi National Drinking Water Mission: Technical Guidelines for Preparation of Groundwater Prospects Maps .NRSA, Department of Space, Hyderabad, India.

Operation Research Group – Vadodara (1985), Mathematical Modelling of G.W. System Narmada Mahi-Doab.

Padhtare P.N. (1988) Geomorphology of Gujarat State, West Central region Ground Water Board. (Unpublished).

Paliwal, K.V. & Gandhi, A.P. (1973) Some Relationship Between Quality Of Irrigation Waters & Chemical Characteristics Of Irrigates Soil Of The Nagapur District, Rajasthan, Geoderma,V.9, pp 213.

Pant, R.K., Chamyal, L.S (1990) Quaternary Sedimentation Pattern & Terrain Evaluation in Mahi River Basin, Gujarat, India. Proc. Indian & At. Sci.Acad.V.56, pp 501-511.

Patel, M.P. Patel,S.G. and Merh, S.S. (1985) Geomorphic Evidence Of Quaternary Sea - Level Changes In Mahi- Tapi Coastal Segments Of Gujarat, Proc. Symp. Quat. Episodes Dept. of Geology, M.S. University, Baroda, pp 49-62.

Patel, K.F. (1985) Studies on the tidal Muds of Saurashtra and Mainland Gujrat coast with Sp. Reference to their geochemistry. Unpublished Ph.D thesis, Geology Dept., M.S. University, Baroda.

Pawar, N.J. (1996) Groundwater Quality & Management. Unit 6-7, in Hydrology & groundwater Development: ET 532, IGNOU Publ.

Phadtare, P.N., (1988) Report on Geohydrology of Gujarat State., Central Ground water Board, Ministry of Water Resources, New Delhi, pp 103.

Pillai, K.S. and Stanley, V.A., (2002). Implications of fluoride-an endless uncertainty, Jour. Environ. Biol., Vol. 23, pp 81-87.

Piper, A.M., (1953) A Graphic Procedure In The Geochemical Interpretation Of Water Analysis, U.S. Geol. Surv. Groundwater, V. 12, pp 50-59.

Piper, A.M., (1953) A Graphical Procedure In The Geochemical Interpretation Of Water Analysis, U.S. Geol. Surv. Groundwater, Note 12.

Puri, A. N. (1967) Soils : Their physics and chemistry, Reinfold Publishing Corporation India.

Rachna Raj Et. Al.(1999) Tectonic Geomorphology of the Mahi River Basin, Western India. Jour. Geol. Soc. India, V.54, pp 387-398.

Rajaguru, S.N. (1973) Late Pliestocene Climatic Changes In Western India. D.P. Tata Institute Of Fundamental Research, Bombay-400005 T.I.F.R. Publish pp 80-87.

Rajmohan, N. And Elango, L., 2004. Identification And Evolution Of Hydrogeochemical Processes In The Groundwater Environment In An Area Of The Palar And Cheyyar River Basins, Southern India, Environmental Geology 46 pp 47–61.

Raju, A.T.R. (1968) Geological Evolution Of Assam And Cambay Tertiary Basin Of India, The Am. Association Of Petrol Geol. Bull 52, 12, pp 2422-2437.

Raju, A.T.R. and Srinivasan ,S. (1983) More Hydrocarbon From Well Explored Cambay Basin . Petroleum Asia J. , K. D. M. I. P.E., O.N.G.C. Dehradun , pp 25-35.

Raju, K.C.B. (1997) Dwindling ground water Resources cause for Anxiety-Symposium on recent advances on management of arid ecosystems, CAZARI, March 3-5,1997, Jodhpur.

Raju, K.C.B. (1997) Role of remote sensing in water harvesting to recharge the depleted aquifer. Proceeding of the International Workshop on Application of Remote Sensing and GIS for sustainable development. Nov.24-25, 1997, Hyderabad, pp.18-21

Raju, N. Janardhana 2006. Seasonal Evaluation Of Hydro-Geochemical Parameters Using Correlation And Regression Analysis, Current Science, Vol.91, No 6, pp 820-826.

Ramalingam, M., 2002. Case Study on Artificial Recharge Using Remote Sensing And GIS (Http://Www.Gisdevelopment.Net/Application/Nrm/Water/Ground/Watg0002a.Htm).

Ramanaiah, S. V., Venkata Mohan S., Rajkumar B., Sarma P.N. (2006) Monitoring of Fluoride concentration in Groundwater of Prakasham District in India: Correlation with Physico-chemical Parameters, Journal of Environment Science & Engineering, Vol.48, No.2, pp 129-134.

Rankama, K. & Sharma, T.G. (1960) Geochemistry, (2nd Ed.), Chicago, pp 912.

Rao, V.N (1973) Stratigrathic Position of the Carbonatites and aAssociated rocks at Nakal & Ambadongar, Gujarat State. Current Science V 42 No.24 pp 856-857.

Rao, et. al., (1999) Basic principles of Hydrogeology. 1st Edition. Chirala, India. Sadhana Grandha Mandali

Raymahashay, B.C. (1996) Geochemistry for Hydrologists, Allied Publishers Limited, Bombay, pp 190.

Rastogi, A.K., (1993) A Review of Techniques In Groundwater System Analysis & Recent Trends. Jour. Institute Of Engineering, India, V.74.

Rathod, K.G., Patel S.J. & Shah U.V. (1977) Water Resources Of Development Of Gujarat, Navnirman , N& WRD, Govt. Of Gujarat, pp 16-24.

Ravindran, K.V. and Jeyaram, A., (1997) Groundwater prospects of Shahbad Tehsil, Basan District, Eastern Rajasthan. A Remote Sensing Approach. J. Indian Soc. of Remote Sensing 25 pp 239-246.

Redddy, P.R., (1999) Satellite Data In Sustainable Development And Management Of Groundwater Resource. In: Geoinformatics Beyond 2000, IIRS, 9-11 March 1999 at Dehradun, India, pp 208-209.

Rhoades, J.D. (1968) Leaching Requirement For Exchangeable Sodium Control, Soil Science Society Of America Proceeding, V.32, pp 652-656.

Rhoades, J.D. (1972) Quality of Water for Irrigation. Soil Seci, V.113, pp 277-284.

Ryzner, J.W., (1944) A New Index For Determining Amount Of Calcium Carbonate Scale Formed By Water, Jour Amer. W. W. Assn., 36, pp 472-486.

Sant, D.A. & Karanth,R.V. (1993) Drainage Evolution of the Lower Narmada Valley, Western India. Geomorphology , V. 8, pp 221-244.

Saraf, A. K., Jain, S. K., (1994) Integrated use of Remote Sensing and GIS methods for groundwater exploration in parts of Lalitpur District, U.P. : International Conference on Hydrology and Water Resources. 20-22 December, 1993 at New Delhi, India.

Saraf, A. K. and Choudhury, P. R., (1997) Integrated Application Of Remote Sensing And GIS Groundwater Exploration In Hard Rock Terrain, Proceedings. Int. Symp. on Emerging trends in Hydrology, Department of Hydrology, Roorkee, September 25-27, 1997, V. I, pp 435-442.

Saraf, A. K. and Choudhury, P. R., (1998) Integrated Remote Sensing and GIS for Groundwater Exploration and Identification of artificial recharge sites, International Journal of Remote Sensing. 19(10), pp 1825-1841.

Saraf, A. K. (1999) A report on Landuse Modelling in GIS for Bankura District, Projet sponsored by DST, NRDMS division, Govt. of India.

Saraf, Arun K., Kundu, P., Sarma, B., (2001) Integrated Remote Sensing and GIS In Groundwater Recharge Investigation And Selection Of Artificial Recharge Sites In A Hard Rock Terrain

Sareen Et. Al. (1993) Slope Deviatory Alignment, Stream Network & Lineament Orientation of the Sabarmati River System; Neotectonic activity in the Mid-to-late Quaternary. Curr. Sci.V.64, pp 827-836.

Sawyer, C.N. & McCarty, P.L. (1976) Chemistry For Sanitary Engineers (2nd Ed.). McGraw-Hill series in Sanitary Science & Water Resources Engineering, McGraw-Hill, Toronto.

Scalf, R. Marion (1987) Manual of Groundwater Sampling Procedures, Scientific Publisher Jodhpur, pp 1-47.

Scalf, R. Marion, James F. Mc Nabl et al. (1988) Practical Guide for Groundwater Sampling, Scientific Publisher Jodhpur, pp 1-79.

Scheidegger, A.E. (1973) Hydrogeomorphology. Jour. Hydrology, V. 20 (2), pp.193-215.

Scholler, H. (1959) Geochimie Des Eaux Souterraines. Application Aux Eaux Degisements De Petrole. Rev. Inst. Petrol. Ann Combust. Liq., V.10,Pp.181-203, In: Mathess, G (Ed) The Properties Of Groundwater, John Wiley & Sons, New Yark, pp 406.

Scholler, H. (1962) Les Eaux Souterraines,Pp246, Paris, Masson, In: Mathess, G (Ed) The Properties Of Groundwater, John Wiley & Sons, New Yark, pp 406.

Schwille, F. (1976) Anthropogenically Reduced Groundwaters, Hydrol. Sci. Bull, v.21 (4), pp 629-645

Scofield, C.S. (1933) Quality of Irrigation Water. California Dept., Public Works Div., Water Resources Bull. 40, pp 1-95.

Shah, C.R. and Patel, P.P.(1983) Report On Taluka Wise Ground Water Potential For Gujarat For GIDC Estate And Growth Centre, G.I.T.C.O. Ltd. Ahmedabad.

Shaji, E., Viju J., Thambi D.S. (2007) High fluoride in groundwater of Palghat District, Kerala, current science, Vol.92, No.2, pp 240-245.

Shankar, M. N. Ravi and Mohan G., (2005) A GIS Based Hydrogeomorphic Approach For Identification Of Site Specific Artificial-Recharge Techniques In The Deccan Volcanic Province, Journal Earth Syst. Sci. 114, No. 5, pp 505-514.

Sharma, H.D. & Chawla, A.S. (1977) Manual on Ground Water & Tubewells. Technical repot no. 18, CBIP, New Delhi. pp 200.

Sharma, A.K. Pradhan , I.P. , Nema, J.P. and Tejwani, K.G.(1981) 25 Years Research On Soil And Water Conservation In Ravine Lands Of Gujarat . Monograph No.-2, central soil and water conservation research and training institute, Vasad.

Singh, D. & Chawala, D.R. (1946) Suitability of Water for Irrigation Purposes. Jour Of Indian Farming V.2, pp 12-21.

Srinivas, Rao, Y., Reddy, T.V.K. and Nayudu, P.T., (2000) Groundwater Targeting in Hard Rock Terrain Using Fracture Pattern modelling, Niva river basin, Andhra Pradesh, India. Hydrogeology J 8 pp 494-502.

Srivasthava, P.K. and Bhattacharya, A.K.,(2000) Delineation Of Groundwater Potential Zones In A Hard Rock Terrain Of Baragarh District, Orrissa Using IRS Data. J. Indian Soc. Remote sensing 28(2&3) pp 129-140.

Strahler, A. N., (1952) Dynamic Basis Of Geomorphology. Bulletin Geological Society Of America. 63, pp 923-938.

Subramanian,V. (1979) Chemical And Suspended Sediment Characteristics Of Rivers Of India, J.Hydrol., V. 44, pp 37-55.

Subramanian,V. (1983) Factors Controlling The Chemical Composition Of River Waters Of India, In Dissolved Loads Of Rivers And Surface Water Quantity/Quality Relationships, Proc. Hamburg Symposium, IAHS Publ. No.41, pp 145-152.

Subramanya,K. (2008) Engineering Hydrology, Tata Mcgrawl Hill.

Sudhakar, S. And Basu D.N. (1973) Area Appraisal Of The Palaeogene Stratigraphy Of Southern Cambay Basin, Bull. O.N.G.C. 10: pp 1-2.

Sukheswala, R.N & Udas (1963) Note of the Carbonatite of Ambadongar (Guj. State) and its Economic Potentialities. S. Cult. V 29 pp 563-568.

Sukheswala, R.N & Avasia (1971) Carbonatite/Alkallic Complex of Panwad/Kawant Gujarat, & its Bearing on the Structural Characteristics of the Area. Bull Volcanologique, V. 35 No.3 pp 564-578.

Sukheswala, R.N & Borjes S.N (1975) The Carbonatite Injected Sand Stones of Siriwasan Chhota Udaipur Gujarat. Ind. Jour. Of Earth Science, V 2 No. 1 pp 1-10.

Surez, D.L (1990) Water Quality criteria for Irrigation. In ; Proc. Speciality Conf. Sponsored by Irrigation & Drainage Division, Water Resource planning & Management Division, ASCE, University of Delaware, New York, Delaware, pp 57-66.

Talukawise Reconnaissance soil survey (1975) Dept. of irrigation and agriculture, Govt. of Gujarat.

Tamata, S.R., (1990) Mineral-$CaCO_3$ Saturation And Stability Of Groundwater In Karnataka State - A Preliminary Study. Bhu-Jal News. Vol.8no.3&4 pp 14-24.

Tandon, Et.Al.(1977) Aggradation history & Luminescence Chronology of The Sabramati Basin , Gujarat, Western India. Palaeogeog Palaeoclimat Palaeoecol; V. 128 pp 339-357.

Taylor, E. M., Puri A.N , Asghar, A.G., (1937) Punjab Irrigation Research Institute, Research Publication V. 4(7).

Ternamche, A.P.S., (1991) Health Hazards of Nitrate in Drinking Water, Water, V. 17, pp 77-82.

Thornbury, W.D., (1990) Principle of Geomorphology. Willey Eastern Limited, New Delhi, pp 594.

Thornthwaite, C. W. And Mather J. R., (1957) The Water Balance, Publ. Climatology, Lab. Climatology, Centeron, New Jersey, 8(1).

Thyne, Geoffrey D., and Güler Cüneyt, (2004) Hydrologic And Geologic Factors Controlling Surface And Groundwater Chemistry In Indian Wells-Owens Valley Area, South-eastern California, Usa, Journal Of Hydrology, 285(2004), pp 177-198.

Tiwari, K.C. (1986) Hydro Geological Frame-Work of the Heran River Basin Gujarat State: A Critical Appraisal of Its Lithology Structure & Geomorphological Features. Unpublished Thesis Ph.D. Thesis, M.S. University of Baroda, Vadodara. pp 152-157.

Tiwari, K. C. (1986) Hydrogeological Frame-work of the Heran river basin Gujarat State: A Critical Appraisal of Its Lithology Structure and Geomorphological Features. Unpublished Ph.D. thesis, M.S. University of Baroda.

Tiwari, T.N. and Ali, M. (1988) Water Quality Index For Indian Rivers. In: Ecology and Pollution of Indian Rivers, Ed. R.K. Trivedy, Ashish Publishing House, New Delhi, pp 271-286.

Tiwari , K.C. and Patel P.P. (1988) Morpho Tectonic Setup And Hydro Geological Significance Of The Quaternary Deposits In The Area Around Orsang- Heran Confluence Baroda Dist. Gujarat. Proceeding of the seminar organized by Geol. Dept. M.S. University. pp 265-275.

Todd, D.K. (1956) Ground Water Hydrology, John Willey & Sons Inc. New York, USA.

Todd, D. K., (1980) Groundwater Hydrology. John Wiley & Sons, Inc., Singapore, pp 535.

UNESCO (1972) Groundwater Studies, Studies and Reports in Hydrology, No. 7, UNESCO, Paris.

USEPA (1976) Quality Criteria for Water. Office of Water and Hazardous Materials Rep. EPA/440/9-76-023, Washington, DC.

United States Environmental Protection Agency, (1990) Hand Book Of Groundwater. V. 1. Groundwater Contamination Epa 625/6-90/016 Ach5, pp 94-113.

U.S. Salinity Laboratory Staff (1954) Diagnosis and Improvement of Saline and Alkali Soils, USDA, handbook No.60, U.S. Dept. of Agriculture, Washington DC, pp 160.

Van Hoorn, J.W. (1971) Quality Of Irrigation Water, Limits Of Use And Prediction Of Long-Term Effects. In: Salinity Seminar, Baghdad. Irrigation and Drainage Paper 7. FAO, Rome, pp 117-135.

Vashi, N.M. and Ganapathi, S. (1982) Studies On Quaternary Landforms Coastal Sediments And Neotectonism Along The Mainland Gujarat Coast Between The Rivers Tapi And Auranga. Unpublished U.G.C. Report. M.S. University Of Baroda. pp 248-266.

Walton, W.C. (1980) Ground Resources Evaluation, Mc-Graw Hill Book Co., New York, USA. pp 319.
Walton, W.C. (1970) Groundwater Resources Evaluation. Mc-Graw Hill Kogakusha Ltd., Tokyo, pp 664.

Westcot, D.W. (1979) Evaluation of Water Quality For Irrigation Development. World Soils Resources Report no. 50, FAO, Rome, pp 77-82.

WHO (1979) Sodium, Chlorides and Conductivity In Drinking Water: Report on a WHO working Group, Copenhegan, Euro Reports and Studies no. 2.

WHO (1983) Guidelines for Drinking Water Quality. World Health Organization, Geneva.

WHO (1984) Guidelines for Drinking Water Quality, V.1 & 2, Geneva, Switzerland.

WHO (1993) Guidelines for drinking water quality, (2nd Ed.), Recommendations. Geneva, World Health Organization, v.1, pp 122-130

Wilcox L.V. And Magistad, O.C. (1943) Interpretation of Analysis of Irrigation Waters And The Relative Tolerance Of Crop Plants, Usda Circ. 8.

Wilcox, L.V. (1948a) The Quality Of Water For Irrigation Use, Tech. Bull 962, U.S. Department Of Agriculture, Washington, D.C.

Wilcox, L.V. (1948b) Explanation and Interpretation of Analysis of Irrigation Waters. U. S. Department of Agriculture Technical Bulletin, 962, Washington D.C., pp 40.

Wilcox, L.V. (1953) Classification And Use Of Irrigation Water, U.S.D.A. Circ., 969, Washington, D.C., pp.1-19.

Wilcox, L.V., Blair, G.Y. And Bower, C.A. (1954) Effect of Bi-Carbonate on Suitability of Water For Irrigation. Soil Sci, V.77, pp 259-266.

Wilcox, L.V. (1966) Tables for Calculating The pHc Values Of Waters. Memoir of U.S. Salinity Laboratory, pp 8.

Wynee A.B (1868) Geological notes on the Surat Collectorate, Geological Survey of India, V 1.

Yaron, Dan (1981) Salinity in Irrigation and Water Resources, Marcel Dekker Publ., New York, pp 432.

Yousef, Habous Abu-Rukah, (1989) Applied Quaternary Geology Between Mahi And Narmada Rivers, Gujarat State With Special Reference To The Terrain Resource Evaluation. Ph.D. Thesis (Unpublished), Department Of Geology, M. S. University Of Baroda, India.