

भारत सरकार
जल संसाधन, नदी विकास एवं गंगा संरक्षण
मंत्रालय
केंद्रीय भूमि जल बोर्ड



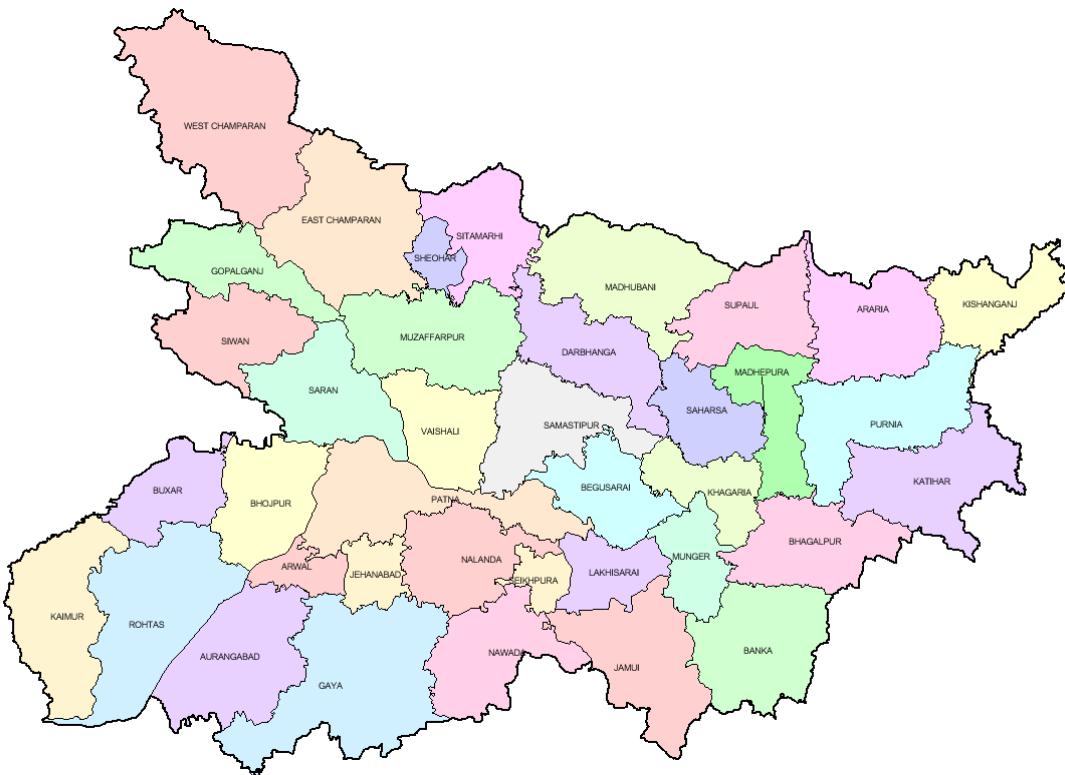
GOVT. OF INDIA
MINISTRY OF WATER RESOURCES, RD & GR
CENTRAL GROUND WATER BOARD

वार्षिक भूजल पुस्तिका, बिहार

(2014-2015)

GROUND WATER YEAR BOOK, BIHAR

(2014 - 2015)



मध्य पूर्वी क्षेत्र, पटना
दिसंबर 2015

MID-EASTERN REGION, PATNA
December 2015

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ABSTRACT

Monitoring of ground water levels from 507 Hydrograph Network Stations (HNS) were carried out in the year 2014-2015 with an objective to assess ground water regime of phreatic aquifer. The water level monitoring was carried out in the months of May'14, August'14, November'14, and January'15. The ground water samples from the HNS were collected in the month of May'14 for chemical analysis. The water level in the HNS represented phreatic aquifer.

The observed water level data had been grouped into four categories viz. 0-2 m, 2-5 m, 5-10 m and >10 m. Thematic maps depicting ground water levels measured in different periods had been prepared. The water levels had been further analysed for study of its' change with respect to measurement of pre-monsoon period of the same year, previous year water level data of the same period, and decadal mean water level data of the same period. The fluctuation had been grouped under rise and fall categories. In each category there are three groups viz. 0-2 m, 2-4 m and >4 m. Thematic maps had been prepared for each category of fluctuation.

During pre-monsoon 2014 the ground water levels were found to vary between 0.44 and 15.80 m bgl. The depth to water level rests in range of 2 – 5 m bgl in 53% of HNS, which spatially covers northern part of North Bihar Plains (NBP) and small patches in the South Bihar Plains (SBP). During post-monsoon, water level rested in the range of 2 – 5 m bgl in 61% of the HNS. The fluctuation of water level between pre and post-monsoon 2014 indicated rise in water level in 50% of the HNS. Annual change of water level of May 2014 with respect to May 2013 indicated rise in water level in 57 % of the HNS, and during November 2014 with respect to November 2013 indicated rise in 40 % of the HNS. The change in water level of May 2014 with respect to the decadal mean of May (May 2004 to May 2013) indicated fall in 54 % of the HNS and during November 2014 with respect to the decadal mean of November (November 2004 to November 2013) indicated rise in 50% of the HNS.

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1. INTRODUCTION

Bihar state lies between $83^{\circ} 20'$ and $88^{\circ} 00'$ E Longitudes and $24^{\circ} 15'$ and $27^{\circ} 23'$ N Latitudes. It shares international border with Nepal in the north and is bounded in the east, west and south by West Bengal, Uttar Pradesh and Jharkhand states respectively. The state covers geographical area of 94,163 Sq.km and has its capital at Patna (**Fig 1**).

Administratively the state is divided into 38 districts and 534 community development blocks. The population of the state is 10.41 crores (2011 census). Population density is 881 persons/Sq.km. The urban population is 11,758,016 and rural population is 92,341,436. There are 150 small and large towns in the state. The distribution of urban population is highly skewed as only three towns namely Gaya, Bhagalpur, and Muzaffarpur are having population of more than 3 lakhs, besides urban population of Patna urban agglomeration which is having 1,683,200.

2. HYDROGEOLOGY

The generalized stratigraphic succession of the state is presented in Table 1. The hydrogeological map of Bihar is depicted in **Fig 2**.

Table 1. Generalized geological succession of Bihar.

| <i>Age</i> | <i>Formation</i> | <i>Broad Lithology</i> |
|-------------|----------------------------|------------------------------------------------------------------------------------|
| Quaternary | Alluvial Deposits | Sand, clay, silt and occasional gravel |
| Tertiary | Siwaliks | Sandstone, conglomerate, clay stone, gravel |
| L-Cambrian | Vindhyan Super Group | Sandstone, limestone. |
| Proterozoic | Chotanagpur Granite Gneiss | Granite, granitic-gneiss, schist, phyllites, dolomites, basic rocks, amphibolites. |
| Archean | Bihar Mica belt | Gneiss, Pegmatites etc., |



Fig. 1 Administrative Map of Bihar state

Pre-cambrians

The rocks belonging to Proterozoic and Archean age are granite, granitic-gneiss, quartzite, phyllites, slates, and metabasics. Rocks of Chhotanagpur Granite Gneissic Complex (CGGC) suit occur in the form of small strip in the districts bordering Jharkhand state. Meta-basic rocks intrude the Chhotanagpur Granite Gneiss Complex suit of rocks. Mica bearing pegmatite of Bihar Mica Belt has been found in Gaya, Nawada and Munger districts. In parts of Munger, Gaya and Nawada districts the meta-sedimentary rocks (viz. phyllite, schist and quartzite) of Pre-cambrian age are also found.

The occurrence and movement of ground water is controlled by the thickness and nature of weathered mantle and saprolite zone (a transition zone between weathered residuum and fresh basement), besides fractures lying underneath the weathered residuum. Thickness of the weathered zone usually ranges from 5 to 20 m. Thickness of weathered zone is more in schist and other meta-sedimentary rocks in comparison to the granite-gneiss. The weathered product of granite and granite-gneiss is marked by presence of coarse granular materials composed of quartz and feldspar, whereas those of schist and phyllite by clayey materials.

Ground water occurs under unconfined condition within the weathered mantle and saprolite zone. In the secondary porosities imparted by joints, cracks and fractures, ground water occurs under confined to semi-confined conditions.

Vindhyan

Rocks of Vindhyan Super-group are confined in the west and north of the river Sone and forms eastern end of the Kaimur Plateau. It occurs in the parts of Rohtas, Kaimur and Aurangabad districts. The width of the Vindhyan rocks becomes less than 3 km near Sasaram in Rohtas district. Rocks found under this super-group are mainly sandstone, limestone, quartzite and schist. These rocks behave as consolidated formation and have remained unaffected by any large-scale tectonic disturbances, except faulting at a few places in the geological past. Vindhyan sandstones are compact and have low primary porosity. Ground water in this occurs within the weathered residuum and in the secondary porosity below them. Ground water occurs under unconfined condition in the weathered mantle. The thickness of the weathered residuum varies from 5 to 10 m.

Siwaliks

The Siwaliks of Upper Tertiary age occur as small patches in northwestern corner of the state in West Champaran district bordering Nepal. It consists of sandstone, conglomerate, red clay and spongy limestone and forms structural hills with a number of faults crisscrossing them. Ground water occurs under confined conditions in sandstones disposed at depth.

Quaternary alluvium

Quaternary sediments of Recent to Sub-Recent age cover about 89 percent of the geographical area of the state. They occupy entire north Bihar plain, and a vast stretch of land between south of the river Ganga and the Chhotanagpur Plateau. Deep exploratory drilling by Central Ground Water Board has confirmed thickness of sedimentary deposits in north Bihar plain as more than three hundred meter. In the south of the river Ganga, the alluvial thickness gradually decreases to as low as 50 m or even less, towards the area bordering the Jharkhand state. The sedimentary deposit consists of alternate sequences of sand and clay layers representing multi-cyclic nature of sedimentation. The Quaternary alluvial deposit spread over south and north of the river Ganga is a part of Mid-Ganga Plain. The Terai belt, which is demarcated by auto-flow wells, occurs as a narrow strip in the bordering areas in Madhubani, Darbhanga, and West

Champaran districts. It is an extension of Terai belt of Nepal which coalesces with alluvial plain. Ground water occurs under unconfined conditions in the phreatic aquifer, which is generally disposed within 70 m below ground. Aquifers situated at deeper levels have ground water levels under confined condition.

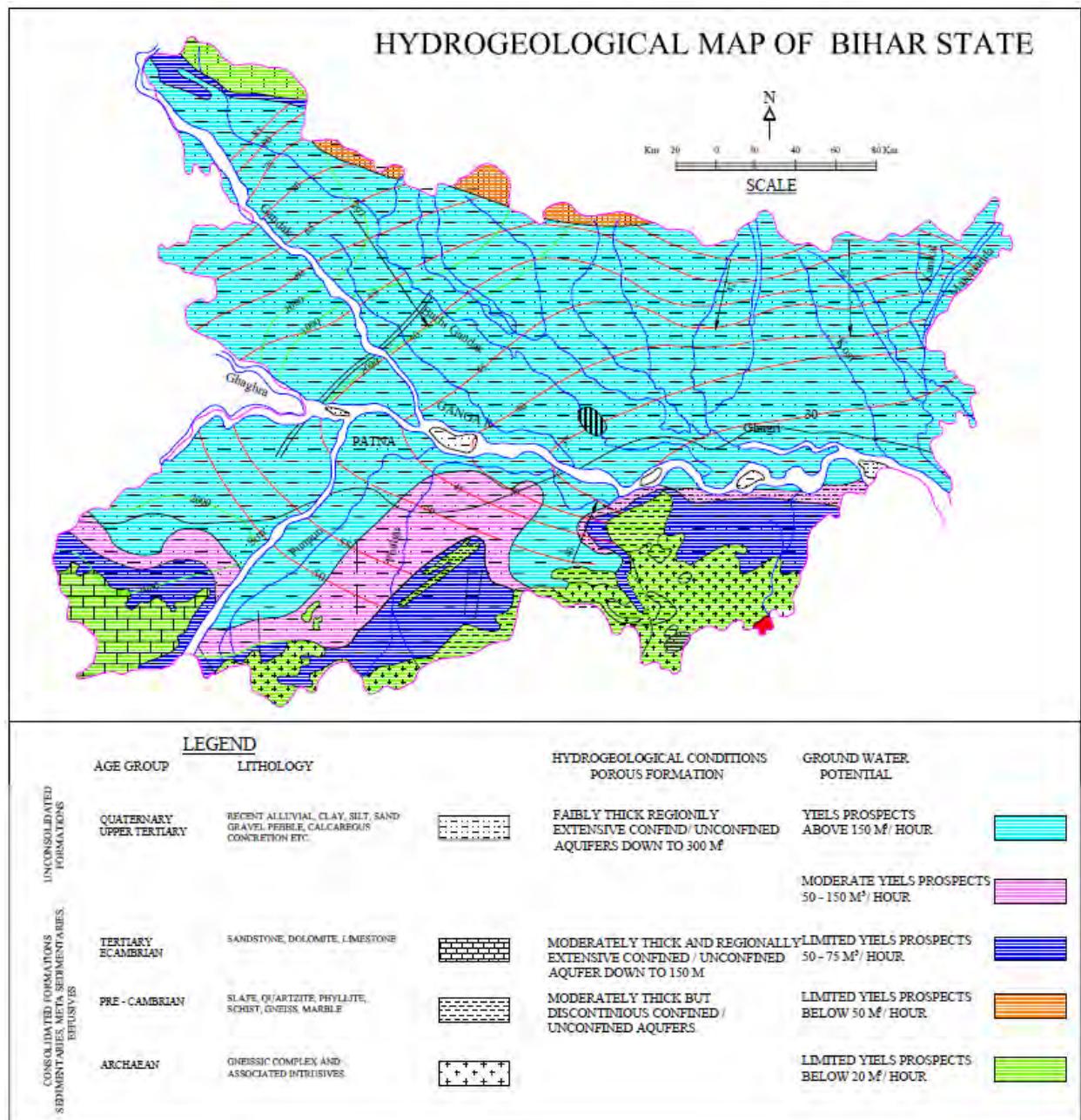


Fig. 2 Hydrogeological Map of Bihar state

3. GROUND WATER SCENARIO

A total of 507 Hydrograph Network Stations (HNS) which are dug wells tapping phreatic aquifer has been monitored as a part of ground water regime monitoring in the state of Bihar. Majority of the wells represent phreatic alluvial aquifer. The district wise location and distribution of the HNS are given in Fig 3 and Table 2 respectively.

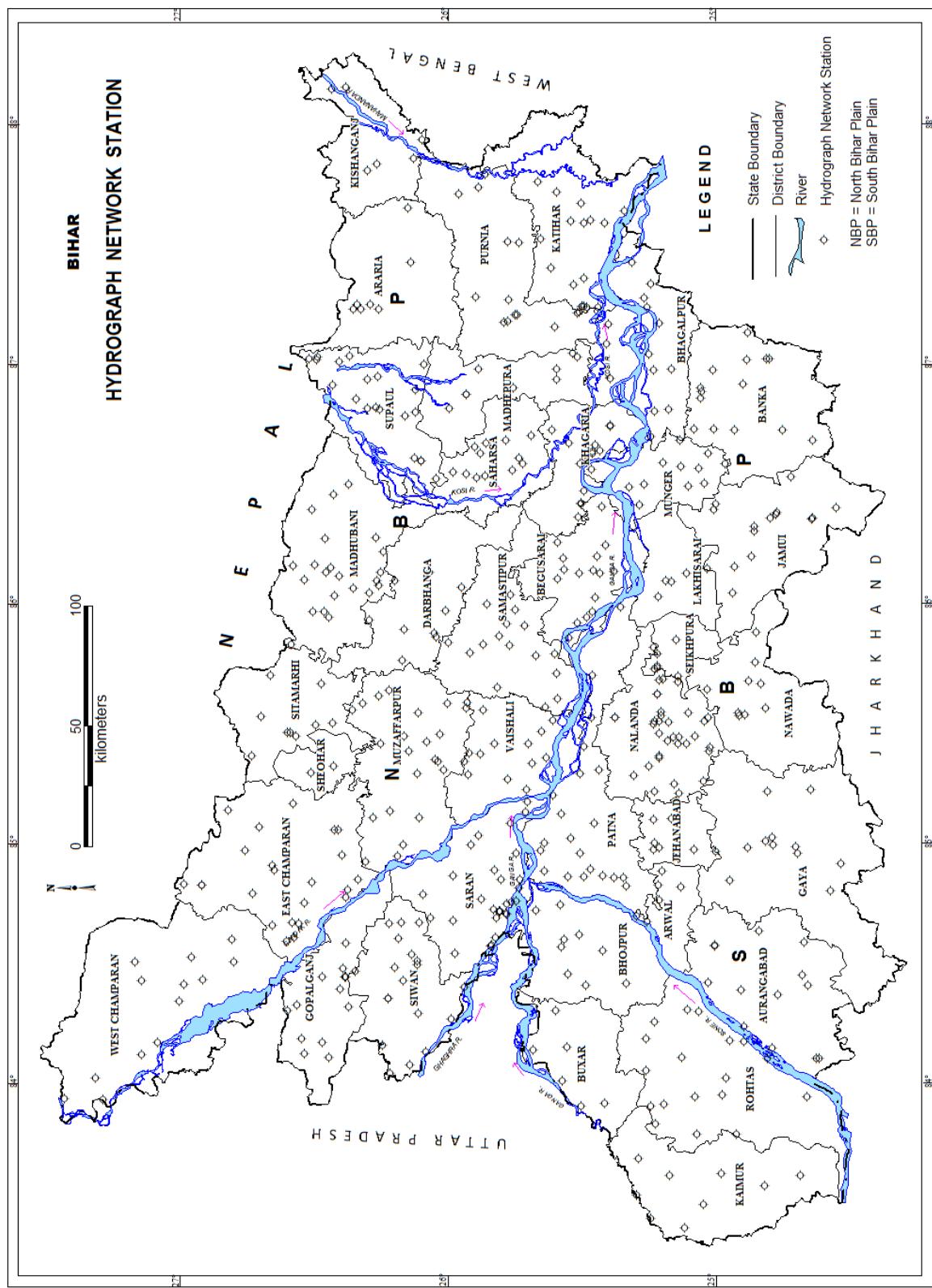


Fig. 3 Location of hydrograph network stations in Bihar state

Table 2 District wise distribution of the HNS as on 31.3.14

| SN | District | No. of Wells |
|--------------|-------------------|--------------|
| 1 | Araia | 7 |
| 2 | Aurangabad | 13 |
| 3 | Banka | 14 |
| 4 | Begusarai | 16 |
| 5 | Bhagalpur | 15 |
| 6 | Bhojpur | 9 |
| 7 | Buxar | 6 |
| 8 | Darbhanga | 9 |
| 9 | Gaya | 12 |
| 10 | Gopalganj | 14 |
| 11 | Jamui | 15 |
| 12 | Jehanabad & Arwal | 12 |
| 13 | Kaimur/Bhabhua | 9 |
| 14 | Katihar | 17 |
| 15 | Khagaria | 13 |
| 16 | Kishanganj | 6 |
| 17 | Lakhisarai | 4 |
| 18 | Madhepura | 9 |
| 19 | Madhubani | 22 |
| 20 | Munger | 10 |
| 21 | Muzaffarpur | 23 |
| 22 | Nalanda | 30 |
| 23 | Nawada | 10 |
| 24 | W Champaran | 13 |
| 25 | Patna | 21 |
| 26 | E Champaran | 23 |
| 27 | Purnia | 14 |
| 28 | Rohtas | 18 |
| 29 | Saharsa | 12 |
| 30 | Samastipur | 15 |
| 31 | Saran | 30 |
| 32 | Sheikhpura | 6 |
| 33 | Sheohar | 2 |
| 34 | Sitamarhi | 8 |
| 35 | Siwan | 17 |
| 36 | Supaul | 20 |
| 37 | Vaishali | 13 |
| Total | | 507 |

The numbers of HNS monitored in the state as per the following monitoring schedules:

Table 3 HNS monitoring schedule

| Sl. N. | Month | Date | Period |
|--------|----------|---------|--------------|
| 1 | May | 20 – 30 | Pre-monsoon |
| 2 | August | 20 – 30 | Mid-monsoon |
| 3 | November | 1 – 10 | Post-monsoon |
| 4 | January | 1 – 10 | Recession |

The Number of HNS monitored during the various monitoring period is given in **Table-4**. The water level data of HNS are presented in the Annexure I. The data were analysed for each

set of measurement and the thematic presentation of depth to water level and its fluctuations have been prepared in the range of 0 – 2 m, 2 – 5 m, 5 – 10 m and more than 10 m using GEMS software. Bihar state has been broadly divided into North Bihar Plain (NBP) consisting of areas falling to the north of the river Ganga and South Bihar Plain (SBP) consisting of areas falling to the south of the river Ganga and bordering Jharkhand state.

Table 4 Number of HNS monitored/analysed during different months

| State | May'13 | August'13 | November'13 | January'14 |
|-------|--------|-----------|-------------|------------|
| Bihar | 487 | 482 | 477 | 487 |

3.1 DEPTH TO WATER LEVEL

3.1.1 May 2014

During the Pre- Monsoon period (May 2014), 487 HNS were analysed. The Minimum depth to water level of is 0.44 m bgl below ground level (bgl) has been observed at, E Champaran district, and maximum water level of 15.80 m bgl has been occurred at, Jamui district. The depth to water level rests in range of 2 – 5 m bgl in 53% of the area of Bihar State, which spatially covers northern part of North Bihar Plains (NBP) and as small patches in the South Bihar Plains (SBP). The depth to water level rests in the range of 5 – 10 m bgl in about 44% of the area covering adjoining to the river Ganga, and major parts of SBP. In ~ 3% of area, water level > 10 m bgl has been recorded, which distributed as isolated patches mainly in Kaimur, Rohtas, Jamui, Gaya, Nawada and Bhagalpur district. In only 17 Hydrograph Network Station (HNS) disseminatly located in the State where < 2 m bgl has been recorded (**Fig. 4;** **Table 5**).

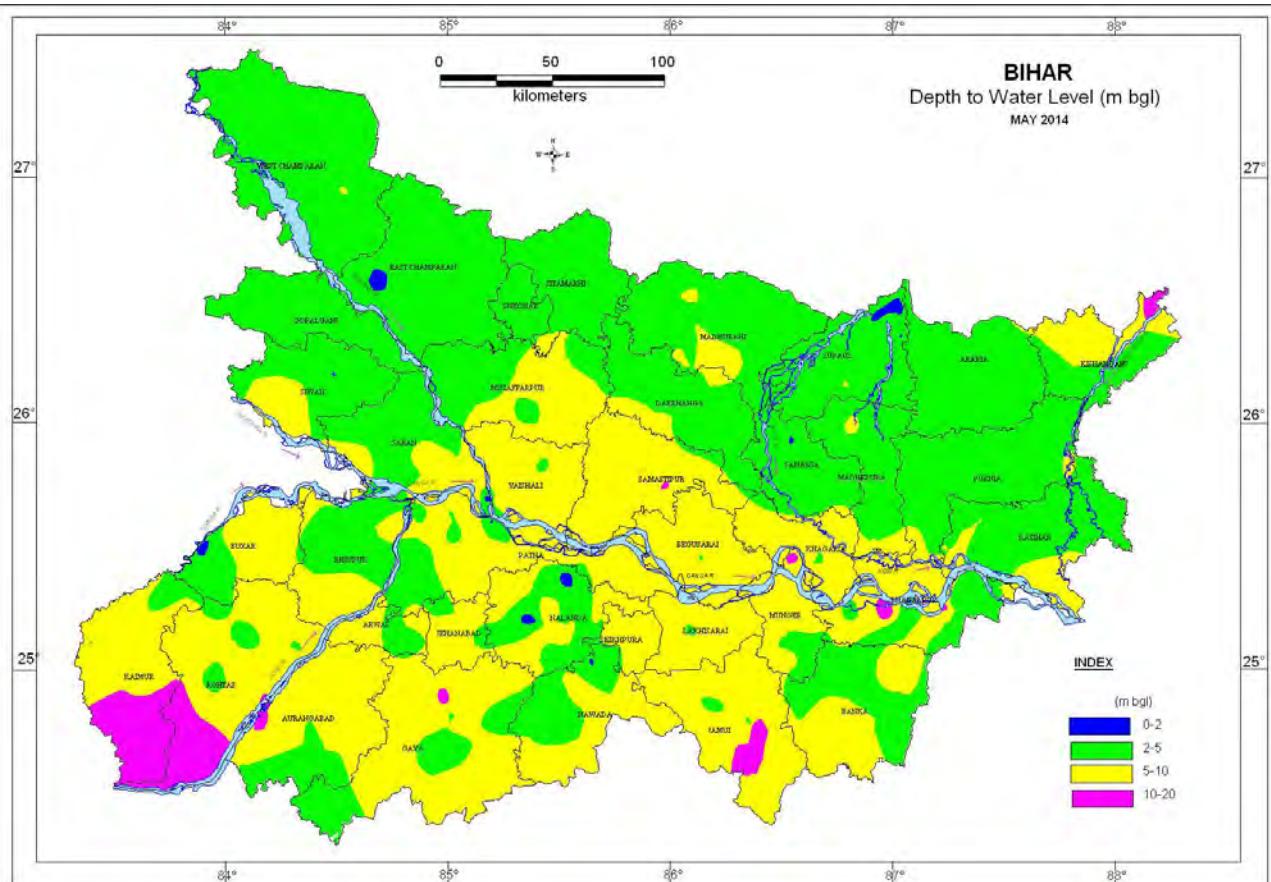


Fig. 4: Depth to water level in May 2014

Table 5 District wise well frequency for different ranges of depth to water level of HNS in May 2014 in Bihar State

| SN | District | No of Well Analysed | Depth to water level (m bgl) | | 0-2m | | 2-5m | | 5-10m | | 10-20m | |
|----|--------------|---------------------|------------------------------|--------------|-----------|------------|------------|-------------|------------|------------|-----------|------------|
| | | | Min | Max | No | % | No | % | No. | % | No | % |
| 1 | Araria | 6 | 2.79 | 4.58 | 0.0 | 0.0 | 6.0 | 100. | 0 | 0.0 | 0 | 0.0 |
| 2 | Aurangabad | 10 | 3.26 | 10.90 | 0.0 | 0.0 | 4.0 | 40.0 | 5 | 50. | 1 | 10.0 |
| 3 | Banka | 13 | 2.72 | 8.70 | 0.0 | 0.0 | 10.0 | 76.9 | 3 | 23. | 0 | 0.0 |
| 4 | Begusarai | 15 | 4.39 | 8.43 | 0.0 | 0.0 | 2.0 | 13.3 | 13 | 86. | 0 | 0.0 |
| 5 | Bhagalpur | 14 | 3.18 | 12.78 | 0.0 | 0.0 | 6.0 | 42.9 | 6 | 42. | 2 | 14.3 |
| 6 | Bhojpur | 9 | 3.73 | 6.29 | 0.0 | 0.0 | 7.0 | 77.8 | 2 | 22. | 0 | 0.0 |
| 7 | Buxar | 5 | 1.52 | 8.20 | 1.0 | 20.0 | 1.0 | 20.0 | 3 | 60. | 0 | 0.0 |
| 8 | Darbhanga | 8 | 2.30 | 5.74 | 0.0 | 0.0 | 6.0 | 75.0 | 2 | 25. | 0 | 0.0 |
| 9 | Gaya | 9 | 2.80 | 10.91 | 0.0 | 0.0 | 3.0 | 33.3 | 5 | 55. | 1 | 11.1 |
| 10 | Gopalganj | 12 | 2.20 | 4.37 | 0.0 | 0.0 | 12.0 | 100. | 0 | 0.0 | 0 | 0.0 |
| 11 | Jamui | 15 | 3.65 | 15.80 | 0.0 | 0.0 | 2.0 | 13.3 | 9 | 60. | 4 | 26.7 |
| 12 | Jehanabad | 10 | 3.07 | 7.50 | 0.0 | 0.0 | 4.0 | 40.0 | 6 | 60. | 0 | 0.0 |
| 13 | Kaimur | 7 | 4.15 | 12.30 | 0.0 | 0.0 | 2.0 | 28.6 | 4 | 57. | 1 | 14.3 |
| 14 | Katihar | 15 | 4.07 | 7.80 | 0.0 | 0.0 | 10.0 | 66.7 | 5 | 33. | 0 | 0.0 |
| 15 | Khagaria | 12 | 4.70 | 7.18 | 0.0 | 0.0 | 2.0 | 16.7 | 10 | 83. | 0 | 0.0 |
| 16 | Kishanganj | 3 | 2.79 | 10.25 | 0.0 | 0.0 | 2.0 | 66.7 | 0 | 0.0 | 1 | 33.3 |
| 17 | Lakhisarai | 4 | 1.58 | 8.31 | 1.0 | 25.0 | 0.0 | 0.0 | 3 | 75. | 0 | 0.0 |
| 18 | Madhepura | 7 | 3.52 | 6.17 | 0.0 | 0.0 | 5.0 | 71.4 | 2 | 28. | 0 | 0.0 |
| 19 | Madhubani | 20 | 2.20 | 6.68 | 0.0 | 0.0 | 14.0 | 70.0 | 6 | 30. | 0 | 0.0 |
| 20 | Munger | 10 | 2.73 | 11.23 | 0.0 | 0.0 | 4.0 | 40.0 | 5 | 50. | 1 | 10.0 |
| 21 | Muzaffarpur | 18 | 2.39 | 7.26 | 0.0 | 0.0 | 10.0 | 55.6 | 8 | 44. | 0 | 0.0 |
| 22 | Nalanda | 31 | 0.75 | 9.13 | 3.0 | 9.7 | 13.0 | 41.9 | 15 | 48. | 0 | 0.0 |
| 23 | Nawada | 9 | 1.80 | 8.64 | 1.0 | 11.1 | 3.0 | 33.3 | 5 | 55. | 0 | 0.0 |
| 24 | W Champaran | 10 | 2.15 | 5.10 | 0.0 | 0.0 | 9.0 | 90.0 | 1 | 10. | 0 | 0.0 |
| 25 | Patna | 58 | 1.72 | 9.64 | 3.0 | 5.2 | 30.0 | 51.7 | 25 | 43. | 0 | 0.0 |
| 26 | E Champaran | 19 | 0.44 | 4.95 | 1.0 | 5.3 | 18.0 | 94.7 | 0 | 0.0 | 0 | 0.0 |
| 27 | Purnia | 12 | 3.17 | 5.17 | 0.0 | 0.0 | 11.0 | 91.7 | 1 | 8.3 | 0 | 0.0 |
| 28 | Rohtas | 15 | 1.94 | 11.64 | 1.0 | 6.7 | 3.0 | 20.0 | 8 | 53. | 3 | 20.0 |
| 29 | Saharsa | 12 | 1.65 | 4.67 | 1.0 | 8.3 | 11.0 | 91.7 | 0 | 0.0 | 0 | 0.0 |
| 30 | Samastipur | 14 | 5.10 | 10.62 | 0.0 | 0.0 | 0.0 | 0.0 | 13 | 92. | 1 | 7.1 |
| 31 | Saran | 25 | 1.07 | 8.65 | 1.0 | 4.0 | 15.0 | 60.0 | 9 | 36. | 0 | 0.0 |
| 32 | Seikhpura | 6 | 5.10 | 9.13 | 0.0 | 0.0 | 0.0 | 0.0 | 6 | 100 | 0 | 0.0 |
| 33 | Sheohar | 2 | 3.10 | 3.83 | 0.0 | 0.0 | 2.0 | 100. | 0 | 0.0 | 0 | 0.0 |
| 34 | Sitamarhi | 8 | 2.56 | 4.53 | 0.0 | 0.0 | 8.0 | 100. | 0 | 0.0 | 0 | 0.0 |
| 35 | Siwan | 14 | 1.90 | 8.72 | 1.0 | 7.1 | 11.0 | 78.6 | 2 | 14. | 0 | 0.0 |
| 36 | Supaul | 18 | 1.79 | 5.19 | 3.0 | 16.7 | 14.0 | 77.8 | 1 | 5.6 | 0 | 0.0 |
| 37 | Vaishali | 12 | 4.68 | 7.85 | 0.0 | 0.0 | 1.0 | 8.3 | 11 | 91. | 0 | 0.0 |
| | Total | 487 | 0.44 | 15.80 | 17 | 3.5 | 261 | 53.6 | 194 | 39. | 15 | 3.1 |

3.1.2 August 2014

During mid-monsoon (August 2014), a total of 482 HNS were monitored. The depth to water level has been found to vary between 0.01 m bgl (Katihar district) and 10.99 m bgl (Jamui disrtict). The depth to water level varies in the range of 0 – 2 m bgl spread in about 38% area of the State, which spatially covers the major part and bordering area of Gopalganj, Madhubani, Supaul, Madhepura and Kishanganj district in NBP and Nalnda, Sheikhpura Lakhisarai Banka in SBP and as patches in many other part of the State. The depth to water level rests in the range of 2-5 m bgl in about 52% area of the State spatially covers almost entire State except the localised area in Bhabhua, Rohtas, Buxer, Gaya, Nawada, Jamui, Jehanabad and many other places in the State where the depth to water level is in the range of 5 to 10 m bgl which forms about 7% of the area of the State. Only four wells have shown water level more than 10 m bgl located in Bhagalpur, Jamui and Rohtas district. (**Fig. 5; Table 6**)

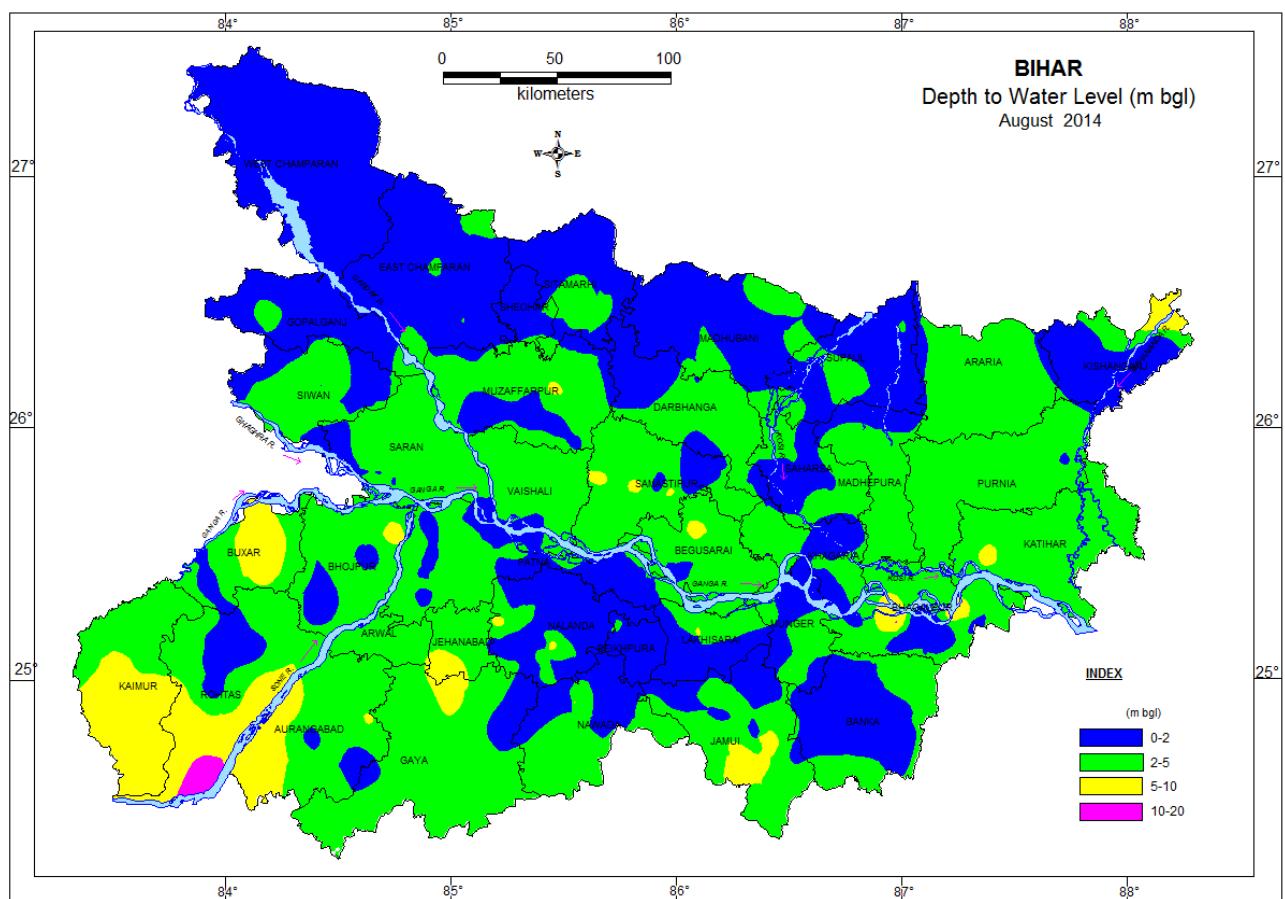


Fig. 5: Depth to water level in August 2014

Table 6 District wise well frequency for different ranges of depth to water level of HNS in August 2014 in Bihar State

| SN | District | No of Well Analysed | Depth to water level (m bgl) | | 0-2m | | 2-5m | | 5-10m | | 10-20m | |
|----|--------------|---------------------|------------------------------|--------------|------------|-----------|------------|-----------|-----------|----------|----------|----------|
| | | | Min | Max | No | % | No | % | No. | % | No | % |
| 1 | Araria | 6 | 2.12 | 3.55 | 0 | 0 | 6 | 100 | 0 | 0 | 0 | 0 |
| 2 | Aurangabad | 8 | 0.30 | 5.21 | 2 | 25 | 5 | 63 | 1 | 13 | 0 | 0 |
| 3 | Banka | 11 | 0.82 | 4.38 | 7 | 64 | 4 | 36 | 0 | 0 | 0 | 0 |
| 4 | Begusarai | 17 | 1.53 | 5.91 | 4 | 24 | 12 | 71 | 1 | 6 | 0 | 0 |
| 5 | Bhagalpur | 14 | 0.73 | 10.26 | 5 | 36 | 6 | 43 | 2 | 14 | 1 | 7 |
| 6 | Bhojpur | 9 | 0.69 | 6.30 | 2 | 22 | 6 | 67 | 1 | 11 | 0 | 0 |
| 7 | Buxar | 6 | 1.51 | 8.25 | 2 | 33 | 2 | 33 | 2 | 33 | 0 | 0 |
| 8 | Darbhanga | 9 | 0.71 | 3.76 | 5 | 56 | 4 | 44 | 0 | 0 | 0 | 0 |
| 9 | Gaya | 12 | 1.22 | 7.36 | 1 | 8 | 9 | 75 | 2 | 17 | 0 | 0 |
| 10 | Gopalganj | 14 | 0.01 | 3.62 | 12 | 86 | 2 | 14 | 0 | 0 | 0 | 0 |
| 11 | Jamui | 17 | 0.10 | 10.99 | 7 | 41 | 4 | 24 | 5 | 29 | 1 | 6 |
| 12 | Jehanabad | 7 | 2.97 | 4.40 | 0 | 0 | 7 | 100 | 0 | 0 | 0 | 0 |
| 13 | Kaimur | 8 | 2.73 | 7.90 | 0 | 0 | 5 | 63 | 3 | 38 | 0 | 0 |
| 14 | Katihar | 14 | 1.55 | 5.54 | 1 | 7 | 12 | 86 | 1 | 7 | 0 | 0 |
| 15 | Khagaria | 14 | 1.07 | 3.59 | 7 | 50 | 7 | 50 | 0 | 0 | 0 | 0 |
| 16 | Kishanganj | 4 | 0.57 | 8.22 | 3 | 75 | 0 | 0 | 1 | 25 | 0 | 0 |
| 17 | Lakhisarai | 4 | 0.55 | 5.58 | 2 | 50 | 1 | 25 | 1 | 25 | 0 | 0 |
| 18 | Madhepura | 9 | 2.12 | 3.40 | 0 | 0 | 9 | 100 | 0 | 0 | 0 | 0 |
| 19 | Madhubani | 22 | 0.10 | 3.71 | 15 | 68 | 7 | 32 | 0 | 0 | 0 | 0 |
| 20 | Munger | 9 | 0.46 | 5.10 | 6 | 67 | 2 | 22 | 1 | 11 | 0 | 0 |
| 21 | Muzaffarpur | 23 | 0.91 | 5.65 | 12 | 52 | 10 | 43 | 1 | 4 | 0 | 0 |
| 22 | Nalanda | 31 | 0.57 | 6.73 | 22 | 71 | 7 | 23 | 2 | 6 | 0 | 0 |
| 23 | Nawada | 10 | 0.42 | 5.31 | 7 | 70 | 2 | 20 | 1 | 10 | 0 | 0 |
| 24 | W Champaran | 13 | 0.38 | 1.53 | 13 | 100 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 | Patna | 19 | 0.10 | 3.70 | 8 | 42 | 11 | 58 | 0 | 0 | 0 | 0 |
| 26 | E Champaran | 23 | 0.56 | 2.32 | 18 | 78 | 5 | 22 | 0 | 0 | 0 | 0 |
| 27 | Purnia | 13 | 1.83 | 3.95 | 1 | 8 | 12 | 92 | 0 | 0 | 0 | 0 |
| 28 | Rohtas | 17 | 0.28 | 10.47 | 4 | 24 | 7 | 41 | 4 | 24 | 2 | 12 |
| 29 | Saharsa | 11 | 0.67 | 2.68 | 6 | 55 | 5 | 45 | 0 | 0 | 0 | 0 |
| 30 | Samastipur | 15 | 0.40 | 5.70 | 2 | 13 | 10 | 67 | 3 | 20 | 0 | 0 |
| 31 | Saran | 29 | 0.72 | 3.95 | 10 | 34 | 19 | 66 | 0 | 0 | 0 | 0 |
| 32 | Seikhpura | 6 | 0.72 | 3.69 | 5 | 83 | 1 | 17 | 0 | 0 | 0 | 0 |
| 33 | Sheohar | 2 | 0.76 | 1.58 | 2 | 100 | 0 | 0 | 0 | 0 | 0 | 0 |
| 34 | Sitamarhi | 8 | 1.16 | 4.21 | 7 | 88 | 1 | 13 | 0 | 0 | 0 | 0 |
| 35 | Siwan | 17 | 1.46 | 4.07 | 10 | 59 | 7 | 41 | 0 | 0 | 0 | 0 |
| 36 | Supaul | 18 | 0.93 | 3.69 | 14 | 78 | 4 | 22 | 0 | 0 | 0 | 0 |
| 37 | Vaishali | 13 | 0.40 | 4.77 | 1 | 8 | 12 | 92 | 0 | 0 | 0 | 0 |
| | Total | 482 | 0.01 | 10.99 | 223 | 46 | 223 | 46 | 32 | 7 | 4 | 1 |

3.1.3 November 2014

A total of 477 HNS were Analysed during post-monsoon period (November 2014). The minimum and the maximum depth to water levels have been recorded as 0.39 m bgl (Madhubani district) and 12.06 m bgl (Jamui district) respectively. In major area of the State (71%) recorded in 291 wells, water level rests in range of 2 – 5 m bgl which covers almost entire State. The depth to water level in the range of 5-10 m bgl occurs in about 12 % of the area of the State, which occurs in and bordering area of Samstipur, Begusarai, Bhagalpur, Kaimur, Rohtas, Aurangabad, Buxar, Sheikhpura, Lakhisarai and Jamui district and many other places as patches. The water level in the range of 0 – 2 m bgl has been observed in only 16% of HNS, spatially covers as small patches at many locations in & NBP mostly in northern boarder of the State and at few locations in SBP. There are only 04 HNS stations which fall in Bhagalpur, Rohtas and Jamui districts where level has been observed more than 10 m bgl (**Fig. 6; Table 7**).

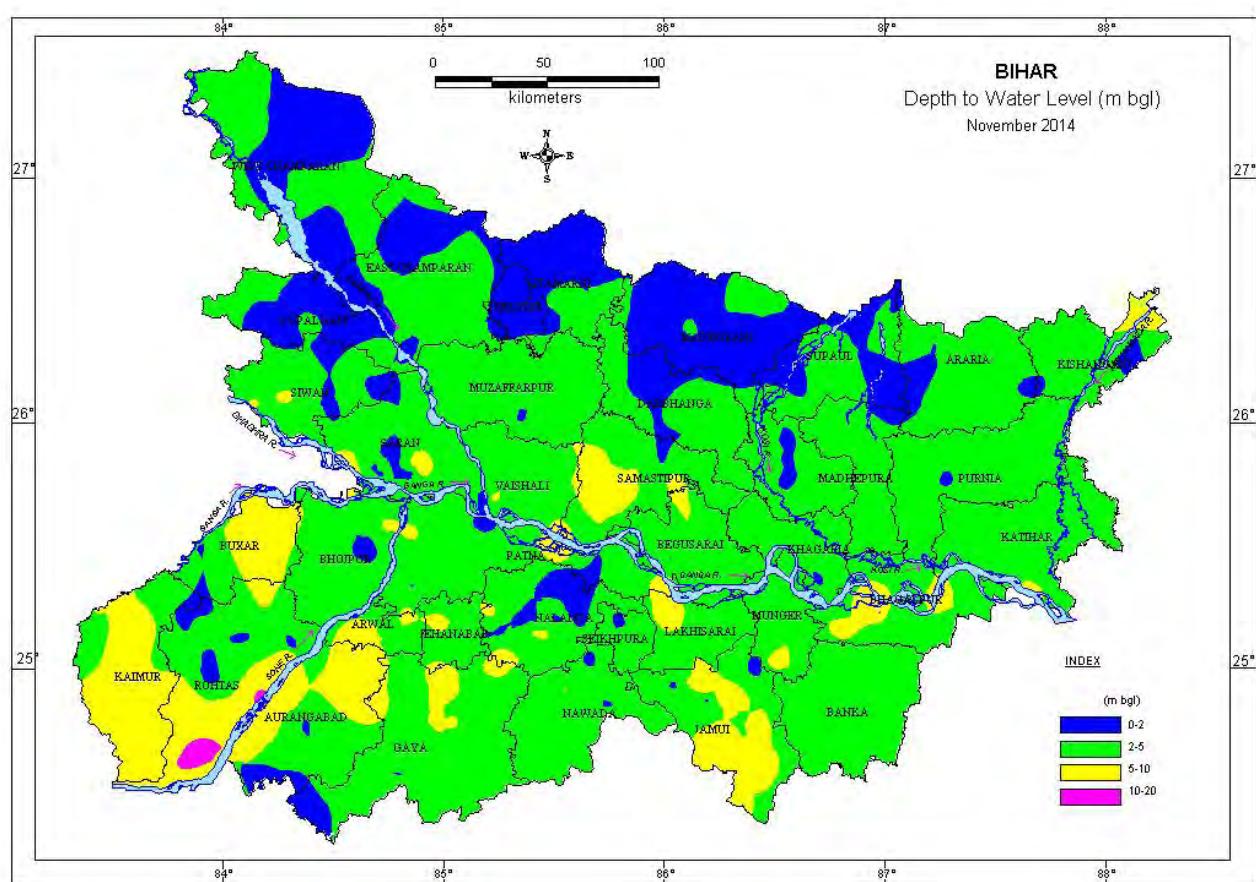


Fig. 6: Depth to water level in November 2014

Table 7 District wise well frequency for different ranges of depth to water level of HNS in Nov 2014 in Bihar State

| SN | District | No of Well Analysed | Depth to water level (m bgl) | | 0-2m | | 2-5m | | 5-10m | | 10-20m | |
|----|--------------|---------------------|------------------------------|--------------|------------|-------------|------------|-----------|-----------|-----------|----------|------------|
| | | | Min | Max | No | % | No | % | No. | % | No | % |
| 1 | Araria | 6 | 1.71 | 3.33 | 3 | 50.0 | 3 | 50 | 0 | 0 | 0 | 0.0 |
| 2 | Aurangabad | 12 | 1.20 | 9.90 | 2 | 16.7 | 5 | 42 | 5 | 42 | 0 | 0.0 |
| 3 | Banka | 11 | 1.94 | 4.57 | 1 | 9.1 | 10 | 91 | 0 | 0 | 0 | 0.0 |
| 4 | Begusarai | 16 | 1.95 | 5.27 | 1 | 6.3 | 14 | 88 | 1 | 6 | 0 | 0.0 |
| 5 | Bhagalpur | 13 | 2.16 | 10.20 | 0 | 0.0 | 9 | 69 | 3 | 23 | 1 | 7.7 |
| 6 | Bhojpur | 8 | 0.70 | 5.55 | 1 | 12.5 | 6 | 75 | 1 | 13 | 0 | 0.0 |
| 7 | Buxar | 6 | 1.87 | 8.21 | 1 | 16.7 | 1 | 17 | 4 | 67 | 0 | 0.0 |
| 8 | Darbhanga | 8 | 0.81 | 3.72 | 4 | 50.0 | 4 | 50 | 0 | 0 | 0 | 0.0 |
| 9 | Gaya | 12 | 1.98 | 6.15 | 1 | 8.3 | 7 | 58 | 4 | 33 | 0 | 0.0 |
| 10 | Gopalganj | 14 | 1.04 | 3.62 | 9 | 64.3 | 5 | 36 | 0 | 0 | 0 | 0.0 |
| 11 | Jamui | 17 | 1.32 | 12.06 | 3 | 17.6 | 3 | 18 | 10 | 59 | 1 | 5.9 |
| 12 | Jehanabad | 8 | 2.77 | 7.40 | 0 | 0.0 | 6 | 75 | 2 | 25 | 0 | 0.0 |
| 13 | Kaimur | 7 | 3.40 | 7.70 | 0 | 0.0 | 2 | 29 | 5 | 71 | 0 | 0.0 |
| 14 | Katihar | 16 | 1.96 | 5.23 | 1 | 6.3 | 14 | 88 | 1 | 6 | 0 | 0.0 |
| 15 | Khagaria | 14 | 1.68 | 5.19 | 1 | 7.1 | 12 | 86 | 1 | 7 | 0 | 0.0 |
| 16 | Kishanganj | 4 | 1.80 | 8.80 | 1 | 25.0 | 2 | 50 | 1 | 25 | 0 | 0.0 |
| 17 | Lakhisarai | 2 | 3.56 | 6.40 | 0 | 0.0 | 1 | 50 | 1 | 50 | 0 | 0.0 |
| 18 | Madhepura | 9 | 2.17 | 4.01 | 0 | 0.0 | 9 | 100 | 0 | 0 | 0 | 0.0 |
| 19 | Madhubani | 21 | 0.39 | 2.61 | 18 | 85.7 | 3 | 14 | 0 | 0 | 0 | 0.0 |
| 20 | Munger | 10 | 2.30 | 8.41 | 0 | 0.0 | 9 | 90 | 1 | 10 | 0 | 0.0 |
| 21 | Muzaffarpur | 23 | 1.70 | 5.15 | 2 | 8.7 | 20 | 87 | 1 | 4 | 0 | 0.0 |
| 22 | Nalanda | 31 | 0.58 | 6.51 | 7 | 22.6 | 20 | 65 | 4 | 13 | 0 | 0.0 |
| 23 | Nawada | 10 | 1.83 | 5.26 | 2 | 20.0 | 7 | 70 | 1 | 10 | 0 | 0.0 |
| 24 | W Champaran | 13 | 0.83 | 3.60 | 4 | 30.8 | 9 | 69 | 0 | 0 | 0 | 0.0 |
| 25 | Patna | 18 | 1.20 | 6.49 | 3 | 16.7 | 12 | 67 | 3 | 17 | 0 | 0.0 |
| 26 | E Champaran | 23 | 0.75 | 4.44 | 9 | 39.1 | 14 | 61 | 0 | 0 | 0 | 0.0 |
| 27 | Purnia | 11 | 1.80 | 4.27 | 1 | 9.1 | 10 | 91 | 0 | 0 | 0 | 0.0 |
| 28 | Rohtas | 17 | 0.82 | 11.53 | 6 | 35.3 | 4 | 24 | 5 | 29 | 2 | 11.8 |
| 29 | Saharsa | 12 | 1.28 | 2.71 | 4 | 33.3 | 8 | 67 | 0 | 0 | 0 | 0.0 |
| 30 | Samastipur | 15 | 1.81 | 6.40 | 1 | 6.7 | 8 | 53 | 6 | 40 | 0 | 0.0 |
| 31 | Saran | 27 | 0.50 | 7.26 | 8 | 29.6 | 16 | 59 | 3 | 11 | 0 | 0.0 |
| 32 | Seikhpura | 6 | 1.32 | 3.47 | 2 | 33.3 | 4 | 67 | 0 | 0 | 0 | 0.0 |
| 33 | Sheohar | 2 | 0.65 | 1.08 | 2 | 100.0 | 0 | 0 | 0 | 0 | 0 | 0.0 |
| 34 | Sitamarhi | 8 | 0.70 | 2.67 | 7 | 87.5 | 1 | 13 | 0 | 0 | 0 | 0.0 |
| 35 | Siwan | 17 | 1.17 | 5.40 | 3 | 17.6 | 12 | 71 | 2 | 12 | 0 | 0.0 |
| 36 | Supaul | 18 | 1.54 | 3.56 | 7 | 38.9 | 11 | 61 | 0 | 0 | 0 | 0.0 |
| 37 | Vaishali | 12 | 2.02 | 5.71 | 0 | 0.0 | 10 | 83 | 2 | 17 | 0 | 0.0 |
| | Total | 477 | 0.39 | 12.06 | 115 | 24.1 | 291 | 61 | 67 | 14 | 4 | 0.8 |

3.1.0 January 2015

During the recession period (Jan. 2015), 479 HNS were analysed. The minimum depth to water level of 0.62 m below ground level (bgl) has been observed in the Saran district, and maximum water level of 11.89 m bgl has been observed in the Jamui district. The depth to water level rests in range of 2 – 5 m bgl in 74% of the area of Bihar State. The depth to water level rests in the range of 5 – 10 m bgl in 19% of the area covering adjoining area and major part of Samastipur, Begusarai, Sheikhpura, Lakhisarai, Jamui, Banka, Kaimur, Rohtas, Buxar, Aurangabad and many locations as patches . In only 6% area, which falls mostly as patches in NBP the depth to water level < 2 m bgl has been recorded. In only 05 wells located in Bhagalpur, Rohtas and Jamui district. (**Fig. 7; Table 8**).

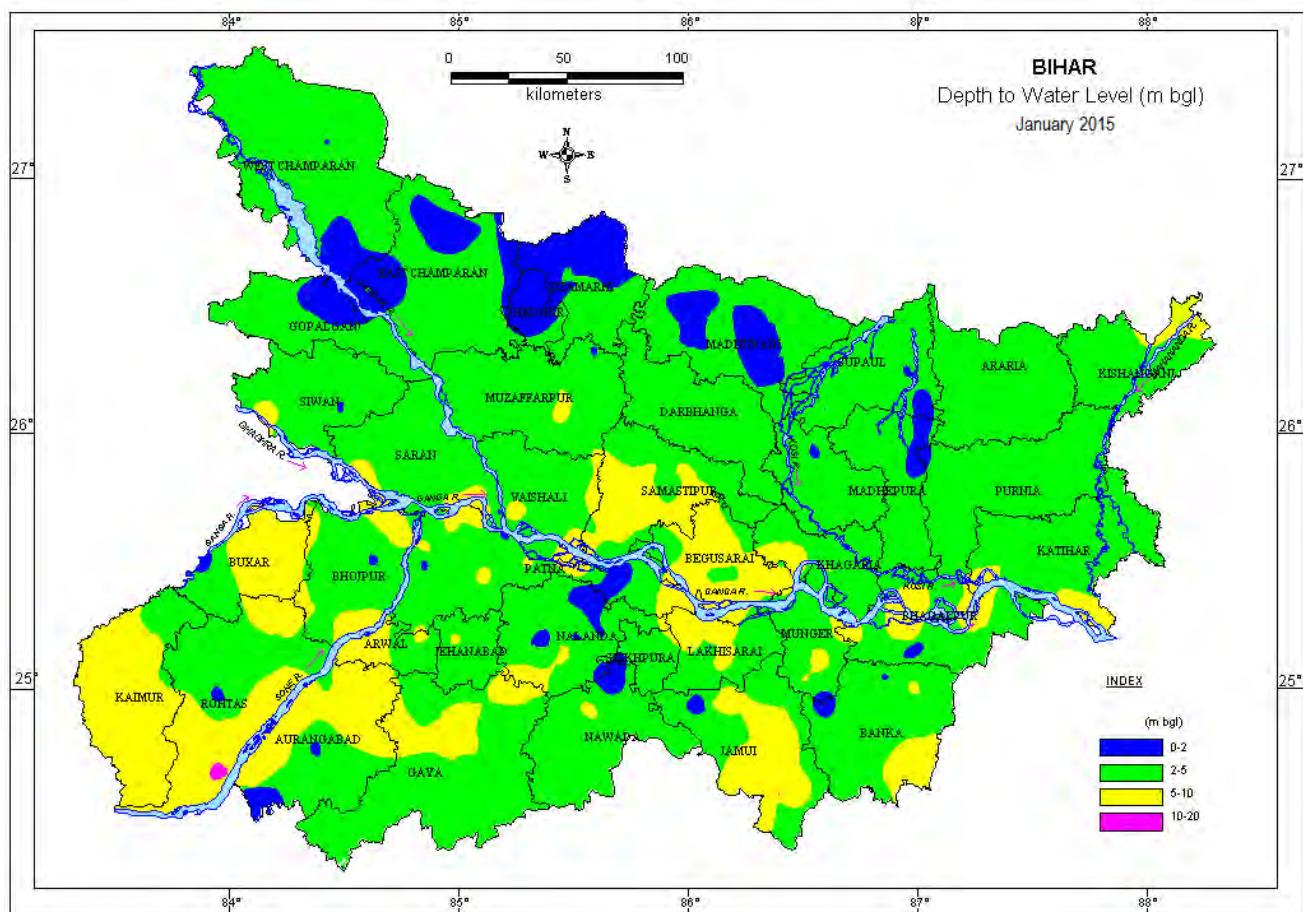


Fig. 7: Depth to water level in January 2015

Table 8 District wise well frequency for different ranges of depth to water level of HNS in Jan. 2015 in Bihar State

| SN | District | No of Well Analysed | Depth to water level (m bgl) | 0-2m | | 2-5m | | 5-10m | | 10-20m | |
|----|--------------|---------------------|------------------------------|--------------|-----------|-------------|------------|-----------|------------|-----------|------------|
| | | | | Min | Max | No | % | No | % | No. | % |
| 1 | Araria | 6 | 2.20 | 3.91 | 0 | 0.0 | 6 | 100 | 0 | 0 | 0 |
| 2 | Aurangabad | 13 | 0.66 | 9.74 | 2 | 15.4 | 4 | 31 | 7 | 54 | 0 |
| 3 | Banka | 13 | 1.90 | 5.55 | 2 | 15.4 | 9 | 69 | 2 | 15 | 0 |
| 4 | Begusarai | 16 | 3.34 | 5.92 | 0 | 0.0 | 6 | 38 | 10 | 63 | 0 |
| 5 | Bhagalpur | 14 | 1.15 | 10.76 | 1 | 7.1 | 9 | 64 | 2 | 14 | 2 |
| 6 | Bhojpur | 9 | 1.67 | 6.82 | 1 | 11.1 | 6 | 67 | 2 | 22 | 0 |
| 7 | Buxar | 6 | 1.45 | 8.29 | 1 | 16.7 | 1 | 17 | 4 | 67 | 0 |
| 8 | Darbhanga | 8 | 2.08 | 4.58 | 0 | 0.0 | 8 | 100 | 0 | 0 | 0 |
| 9 | Gaya | 12 | 2.70 | 7.48 | 0 | 0.0 | 8 | 67 | 4 | 33 | 0 |
| 10 | Gopalganj | 14 | 1.29 | 4.23 | 2 | 14.3 | 12 | 86 | 0 | 0 | 0 |
| 11 | Jamui | 17 | 1.30 | 11.89 | 1 | 5.9 | 7 | 41 | 7 | 41 | 2 |
| 12 | Jehanabad | 11 | 2.37 | 6.47 | 0 | 0.0 | 8 | 73 | 3 | 27 | 0 |
| 13 | Kaimur | 7 | 3.26 | 8.70 | 0 | 0.0 | 1 | 14 | 6 | 86 | 0 |
| 14 | Katihar | 16 | 2.96 | 7.30 | 0 | 0.0 | 13 | 81 | 3 | 19 | 0 |
| 15 | Khagaria | 14 | 2.30 | 6.65 | 0 | 0.0 | 9 | 64 | 5 | 36 | 0 |
| 16 | Kishanganj | 4 | 2.47 | 9.11 | 0 | 0.0 | 3 | 75 | 1 | 25 | 0 |
| 17 | Lakhisarai | 4 | 0.82 | 7.26 | 1 | 25.0 | 0 | 0 | 3 | 75 | 0 |
| 18 | Madhepura | 10 | 1.50 | 4.65 | 1 | 10.0 | 9 | 90 | 0 | 0 | 0 |
| 19 | Madhubani | 21 | 0.65 | 3.92 | 6 | 28.6 | 15 | 71 | 0 | 0 | 0 |
| 20 | Munger | 10 | 1.01 | 6.80 | 1 | 10.0 | 7 | 70 | 2 | 20 | 0 |
| 21 | Muzaffarpur | 21 | 1.78 | 5.60 | 1 | 4.8 | 17 | 81 | 3 | 14 | 0 |
| 22 | Nalanda | 31 | 0.62 | 6.90 | 5 | 16.1 | 20 | 65 | 6 | 19 | 0 |
| 23 | Nawada | 10 | 1.05 | 6.46 | 1 | 10.0 | 7 | 70 | 2 | 20 | 0 |
| 24 | W Champaran | 12 | 1.28 | 3.93 | 2 | 16.7 | 10 | 83 | 0 | 0 | 0 |
| 25 | Patna | 21 | 1.31 | 8.08 | 4 | 19.0 | 11 | 52 | 6 | 29 | 0 |
| 26 | E Champaran | 20 | 0.76 | 3.56 | 6 | 30.0 | 14 | 70 | 0 | 0 | 0 |
| 27 | Purnia | 12 | 2.39 | 4.36 | 0 | 0.0 | 12 | 100 | 0 | 0 | 0 |
| 28 | Rohtas | 18 | 1.17 | 10.77 | 1 | 5.6 | 8 | 44 | 8 | 44 | 1 |
| 29 | Saharsa | 12 | 1.39 | 2.98 | 1 | 8.3 | 11 | 92 | 0 | 0 | 0 |
| 30 | Samastipur | 15 | 2.02 | 6.87 | 0 | 0.0 | 5 | 33 | 10 | 67 | 0 |
| 31 | Saran | 25 | 1.46 | 7.29 | 3 | 12.0 | 16 | 64 | 6 | 24 | 0 |
| 32 | Seikhpura | 6 | 1.91 | 5.22 | 1 | 16.7 | 4 | 67 | 1 | 17 | 0 |
| 33 | Sheohar | 2 | 0.67 | 1.60 | 2 | 100.0 | 0 | 0 | 0 | 0 | 0 |
| 34 | Sitamarhi | 8 | 1.06 | 3.04 | 5 | 62.5 | 3 | 38 | 0 | 0 | 0 |
| 35 | Siwan | 16 | 1.76 | 6.28 | 1 | 6.3 | 14 | 88 | 1 | 6 | 0 |
| 36 | Supaul | 20 | 1.52 | 4.89 | 3 | 15.0 | 17 | 85 | 0 | 0 | 0 |
| 37 | Vaishali | 13 | 2.31 | 7.23 | 0 | 0.0 | 11 | 85 | 2 | 15 | 0 |
| | Total | 487 | 0.62 | 11.89 | 55 | 11.3 | 321 | 66 | 106 | 22 | 5 |
| | | | | | | | | | | | 1.0 |

3.2 SEASONAL FLUCTUATION

3.2.1 May 2014 to August 2014

Water level fluctuation between May 2014 and August 2014 has been analysed for 430 HNS to study the seasonal fluctuation of depth to water level, and its categorization in different depth zones. The analyses indicates rise in the water level in 409 (95%) HNS whereas the fall is observed only in 20 (5%) HNS located in Bhagalpur, Bhojpur, Buxar, Gaya, Gopalganj, Aurangabad, Begusarai, Bhagalpur, Jehanabad & Arwal, Kaimur, Katihar, Muzaffarpur Nalanda, Nawada E Champaran, Saran, Sitamarhi and districts within the range of 0- 2 m except Bhagalpur district where the fall in water level is in the range of 2 – 4 m in one HNS. The majority of HNS (37.5%) have shown the rise of water level in the range of 0 to 2 m whereas the segment of 2 - 4 m has been observed in 36% HNS only and about 22% of HNS have shown rise in water level of more than 4m.

About 37% of the area of the State has shown rise in water level in the range of 0- 2 m which covers the major and bordering area of E Champaran, Sitamarhi, Sheohar, Saran, Siwan, Muzaffarpur, Darbhanga, Supaul, Araria, Purnia, Kishanganj, Vaishali, Arwal, Patna, Nalanda and Bhagalpur and few localised area. About 47% area of the state are categorised under the segment of 2-4 m rise, including Rohtas, Gaya, Nawada, Jamui, Banka, Madhepura, Madhubani and E cahampara. Only 15% area has shown rise of water level more than 4 m in localised areas in SGP and along the river Ganga.

Fall has been observed at many locations as patches constitute only 0.75% area of the State. (**Fig. 7; Table 9.**)

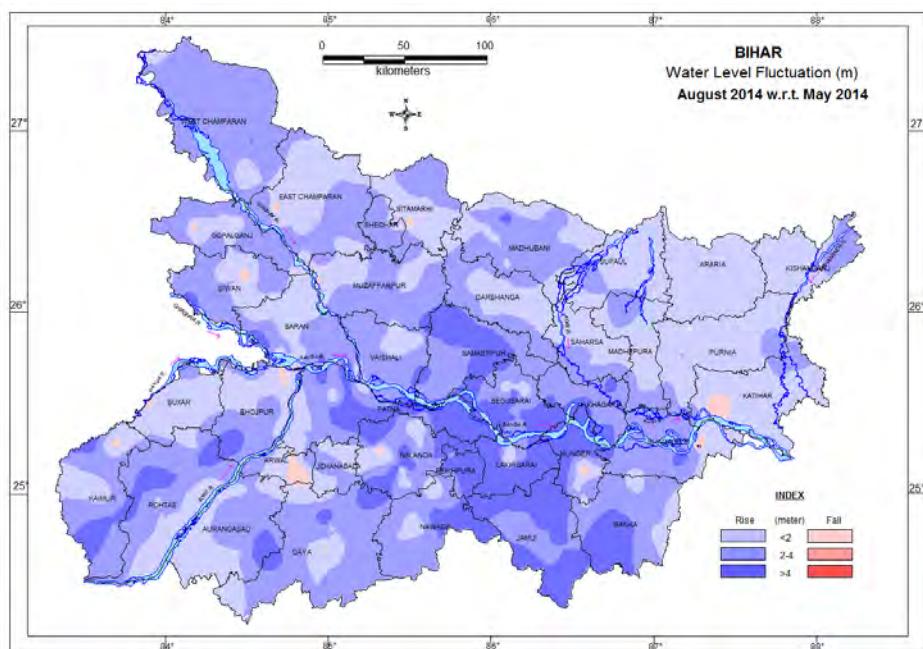


Fig. 7: Fluctuation in ground water level between May 2014 and August 2014.

Table – 9 District wise categorization of fluctuation and their frequency of water levels of HNS of **August 2014 w.r.t. May 2014** for Bihar State

| SN | District Name | No. of well analysed | Range of fluctuation (m) | | | | | | | | | | | | | | | Total No. of well | | |
|----|-------------------|----------------------|--------------------------|-------------|-------------|-------------|-------------|------------|-----------|------------|-----------|-----------|-----------|-----------|----------|----------|----------|-------------------|------------|-----------|
| | | | Rise (m) | | Fall (m) | | Rise | | | | | | Fall | | | | | | | |
| | | | Min | Max | Min | Max | < 2m | % | 2-4 m | % | > 4m | % | < 2m | % | 2-4m | % | > 4m | % | Rise | Fall |
| 1 | Araria | 6 | 0.14 | 1.56 | - | - | 6 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 |
| 2 | Aurangabad | 7 | 0.87 | 5.2 | - | - | 3 | 43 | 3 | 43 | 1 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 |
| 3 | Banka | 11 | 0.27 | 7.53 | - | - | 5 | 45 | 3 | 27 | 3 | 27 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 |
| 4 | Begusarai | 15 | 1.16 | 6.28 | - | - | 2 | 13 | 3 | 20 | 10 | 67 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 |
| 5 | Bhagalpur | 13 | 1.72 | 6.32 | 2.91 | 2.91 | 2 | 15 | 8 | 62 | 2 | 15 | 0 | 0 | 1 | 8 | 0 | 0 | 12 | 1 |
| 6 | Bhojpur | 9 | 0.68 | 4.59 | 0.01 | 0.27 | 5 | 56 | 1 | 11 | 1 | 11 | 2 | 22 | 0 | 0 | 0 | 0 | 7 | 2 |
| 7 | Buxar | 5 | 1.24 | 2.57 | 0.26 | 0.26 | 3 | 60 | 1 | 20 | 0 | 0 | 1 | 20 | 0 | 0 | 0 | 0 | 4 | 1 |
| 8 | Darbhanga | 8 | 0.85 | 3.42 | - | - | 3 | 38 | 5 | 63 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 |
| 9 | Gaya | 9 | 0.64 | 5.09 | 0.22 | 0.22 | 3 | 33 | 4 | 44 | 1 | 11 | 1 | 11 | 0 | 0 | 0 | 0 | 8 | 1 |
| 10 | Gopalganj | 12 | 1.21 | 4.21 | 0.63 | 0.63 | 2 | 17 | 8 | 67 | 1 | 8 | 1 | 8 | 0 | 0 | 0 | 0 | 11 | 1 |
| 11 | Jamui | 14 | 0.94 | 6.72 | - | - | 1 | 7 | 4 | 29 | 9 | 64 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 |
| 12 | Jehanabad & Arwal | 6 | 1.07 | 4.09 | 0.33 | 1.1 | 1 | 17 | 2 | 33 | 1 | 17 | 2 | 33 | 0 | 0 | 0 | 0 | 4 | 2 |
| 13 | Kaimur | 7 | 0.76 | 5 | 0.52 | 0.52 | 3 | 43 | 1 | 14 | 2 | 29 | 1 | 14 | 0 | 0 | 0 | 0 | 6 | 1 |
| 14 | Katihar | 14 | 0.61 | 4.4 | 1.32 | 1.32 | 8 | 57 | 4 | 29 | 1 | 7 | 1 | 7 | 0 | 0 | 0 | 0 | 13 | 1 |
| 15 | Khagaria | 12 | 2.57 | 4.99 | - | - | 0 | 0 | 6 | 50 | 6 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 |
| 16 | Kishanganj | 3 | 1.77 | 2.22 | - | - | 1 | 33 | 2 | 67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 |
| 17 | Lakhisarai | 4 | 1.03 | 6.27 | 0.28 | 0.28 | 1 | 25 | 0 | 0 | 2 | 50 | 1 | 25 | 0 | 0 | 0 | 0 | 3 | 1 |
| 18 | Madhepura | 7 | 1.26 | 3.65 | - | - | 4 | 57 | 3 | 43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 |
| 19 | Madhubani | 19 | 0.64 | 4.84 | - | - | 7 | 37 | 11 | 58 | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 0 |
| 20 | Munger | 9 | 1.48 | 9.36 | 0.91 | 0.91 | 2 | 22 | 1 | 11 | 5 | 56 | 1 | 11 | 0 | 0 | 0 | 0 | 8 | 1 |
| 21 | Muzaffarpur | 18 | 0.33 | 4.77 | 0.37 | 0.37 | 5 | 28 | 9 | 50 | 3 | 17 | 1 | 6 | 0 | 0 | 0 | 0 | 17 | 1 |
| 22 | Nalanda | 31 | 0.18 | 7.46 | 0.6 | 0.6 | 10 | 32 | 10 | 32 | 10 | 32 | 1 | 3 | 0 | 0 | 0 | 0 | 30 | 1 |
| 23 | Nawada | 9 | 0.37 | 5.22 | - | - | 3 | 33 | 2 | 22 | 4 | 44 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 |
| 24 | W Champaran | 10 | 1.16 | 4.09 | - | - | 2 | 20 | 7 | 70 | 1 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 |
| 25 | Patna | 19 | 0.25 | 6.72 | 0.2 | 0.2 | 5 | 26 | 4 | 21 | 9 | 47 | 1 | 5 | 0 | 0 | 0 | 0 | 18 | 1 |
| 26 | E Champaran | 19 | 0.1 | 3.39 | 0.9 | 0.9 | 11 | 58 | 7 | 37 | 0 | 0 | 1 | 5 | 0 | 0 | 0 | 0 | 18 | 1 |
| 27 | Purnia | 12 | 0.25 | 2.9 | 0.03 | 0.03 | 9 | 75 | 2 | 17 | 0 | 0 | 1 | 8 | 0 | 0 | 0 | 0 | 11 | 1 |
| 28 | Rohtas | 15 | 0.28 | 6.38 | - | - | 7 | 47 | 5 | 33 | 3 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 |
| 29 | Saharsa | 10 | 0.45 | 3.01 | - | - | 8 | 80 | 2 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 |
| 30 | Samastipur | 14 | 2.33 | 6.43 | - | - | 0 | 0 | 6 | 43 | 8 | 57 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 |
| 31 | Saran | 25 | 0.35 | 6.7 | 0.01 | 0.01 | 9 | 36 | 8 | 32 | 6 | 24 | 1 | 4 | 0 | 0 | 0 | 0 | 23 | 1 |
| 32 | Seikhpura | 6 | 2.78 | 7.29 | - | - | 0 | 0 | 2 | 33 | 4 | 67 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 |
| 33 | Sheohar | 2 | 2.25 | 2.34 | - | - | 0 | 0 | 2 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| 34 | Sitamarhi | 8 | 0.87 | 2.78 | 0.86 | 0.86 | 3 | 38 | 4 | 50 | 0 | 0 | 1 | 13 | 0 | 0 | 0 | 0 | 7 | 1 |
| 35 | Siwan | 14 | 0.67 | 4.65 | 0.83 | 0.83 | 6 | 43 | 6 | 43 | 1 | 7 | 1 | 7 | 0 | 0 | 0 | 0 | 13 | 1 |
| 36 | Supaul | 16 | 0.11 | 2.6 | - | - | 14 | 88 | 2 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 |
| 37 | Vaishali | 12 | 0.64 | 4.05 | - | - | 4 | 33 | 7 | 58 | 1 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 |
| | Total | | 430 | 0.10 | 9.36 | 0.01 | 2.91 | 158 | 37 | 155 | 36 | 96 | 22 | 19 | 4 | 1 | 0 | 0 | 409 | 20 |

3.2.2 May 2014 to November 2014

Water level fluctuations between May 2014 and November 2014 has been analysed for 426 HNS. The rise of water level observed in 312 (92%) HNS ranged from 0.03 (Supaul) to 6.98 m (Samastipur) whereas, only 31 (8%) HNS have shown fall in water level ranged from 0.09 (Siwan) to 4.12 m (Bhagalpur). The majority of HNS (215 well, 50%) have shown rise in the range of 2-4 m whereas the 136 and 32 NHS have shown rise in water level in the range of 0-2 m and >4m respectively.

About 56 % area of the State has shown rise in water level. The 0-2 m segment has spread in a larger area in north-eastern and North-western part of NBP and in SBP, the adjoining part of Jehanabad, Nalanda and Buxar and in many other localised area of the State. About 37% area of the State spread in the major part of Kaimur, Bhojpur, Rohtas Aurangabad, Gaya, W Champaran, Jamui, Banka, Saran, Vaishali, Muzaffarpur, Samastipur ,Munger, Bhagalpur, Madhubani, Sitamarhi and Sheohar district has shown water level in the range of 2-4 m. The total 5% area of the State categorised in the segment of more than 4 m rise of water level.

The fall is recorded as disseminated patches at many locations in the State. (**Fig 9, Table 10.**)

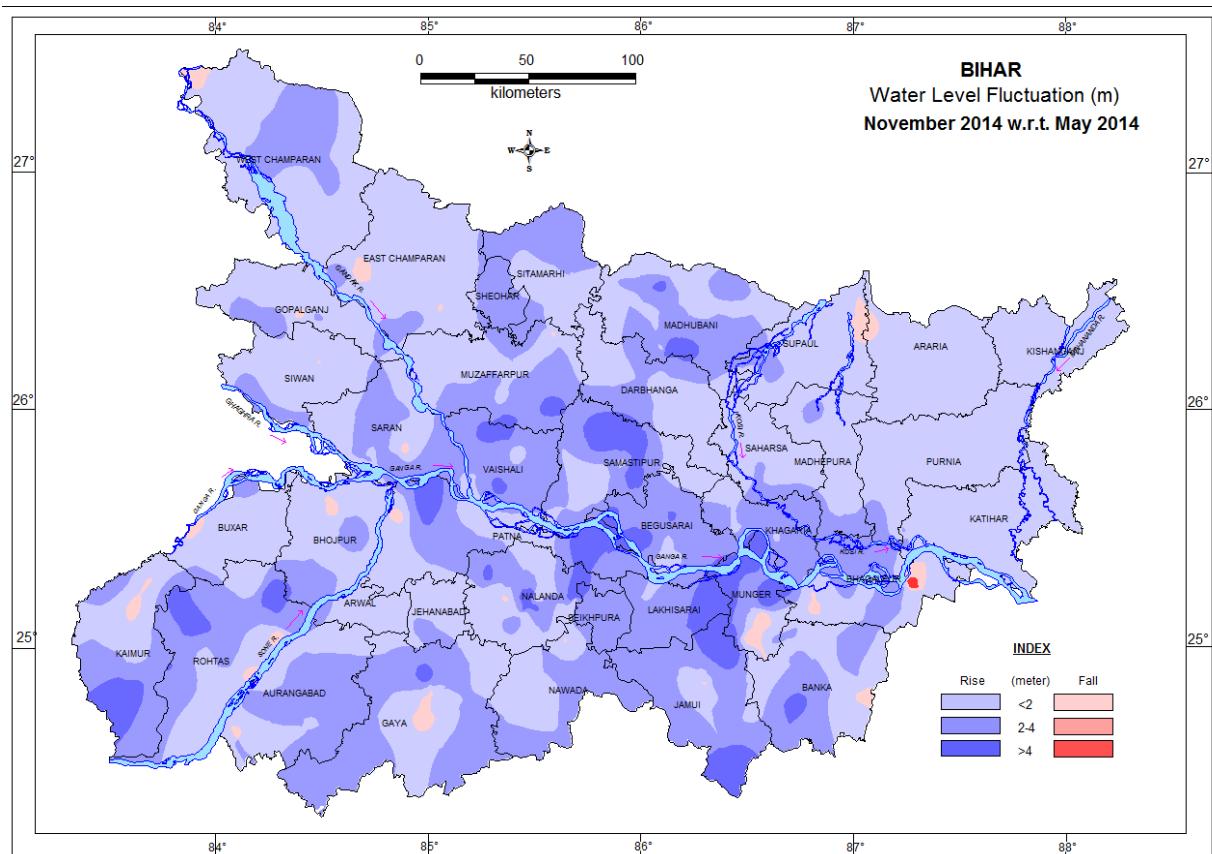


Fig. 9: Fluctuation in ground water level between May 2014 and Nov. 2014.

Table – 10 District wise categorization of fluctuation and their frequency of water levels of HNS of November 2014 w.r.t. May 2014 for Bihar State

| SN | District Name | No. of well analysed | Range of fluctuation (m) | | | | | | | | | | | | | | Total No. of well | | | |
|--------------|-------------------|----------------------|--------------------------|-------------|-------------|-------------|------------|-----------|------------|-----------|-----------|-----------|-----------|----------|----------|----------|-------------------|----------|------------|-----------|
| | | | Rise (m) | | Fall (m) | | Rise | | | | | | Fall | | | | | | | |
| | | | Min | Max | Min | Max | < 2m | % | 2-4 m | % | > 4m | % | < 2m | % | 2-4m | % | > 4m | % | Rise | Fall |
| 1 | Araria | 6 | 0.99 | 1.66 | - | - | 6 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 |
| 2 | Aurangabad | 10 | 1.5 | 3.4 | 0.6 | 0.6 | 3 | 30 | 6 | 60 | 0 | 0 | 1 | 10 | 0 | 0 | 0 | 0 | 9 | 1 |
| 3 | Banka | 11 | 0.08 | 4.79 | 0.15 | 0.15 | 5 | 45 | 4 | 36 | 1 | 9 | 1 | 9 | 0 | 0 | 0 | 0 | 10 | 1 |
| 4 | Begusarai | 14 | 1 | 6.17 | - | - | 2 | 14 | 7 | 50 | 5 | 36 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 |
| 5 | Bhagalpur | 13 | 0.42 | 4.39 | 0.14 | 4.12 | 4 | 31 | 5 | 38 | 1 | 8 | 2 | 15 | 0 | 0 | 1 | 8 | 10 | 3 |
| 6 | Bhoipur | 8 | 0.11 | 3.3 | 0.25 | 0.25 | 6 | 75 | 1 | 13 | 0 | 0 | 1 | 13 | 0 | 0 | 0 | 0 | 7 | 1 |
| 7 | Buxar | 5 | 0.06 | 2.95 | 0.35 | 0.35 | 3 | 60 | 1 | 20 | 0 | 0 | 1 | 20 | 0 | 0 | 0 | 0 | 4 | 1 |
| 8 | Darbhanga | 7 | 0.98 | 3.54 | - | - | 4 | 57 | 3 | 43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 |
| 9 | Gaya | 9 | 0.86 | 5.33 | 0.59 | 0.95 | 3 | 33 | 2 | 22 | 1 | 11 | 3 | 33 | 0 | 0 | 0 | 0 | 6 | 3 |
| 10 | Gopalganj | 12 | 0.14 | 2.48 | 0.58 | 0.58 | 8 | 67 | 3 | 25 | 0 | 0 | 1 | 8 | 0 | 0 | 0 | 0 | 11 | 1 |
| 11 | Jamui | 14 | 0.24 | 6.63 | 0.37 | 0.37 | 6 | 43 | 4 | 29 | 3 | 21 | 1 | 7 | 0 | 0 | 0 | 0 | 13 | 1 |
| 12 | Jehanabad & Arwal | 8 | 0.03 | 2.58 | - | - | 7 | 88 | 1 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 |
| 13 | Kaimur | 7 | 1.08 | 4.6 | 0.19 | 0.54 | 3 | 43 | 1 | 14 | 1 | 14 | 2 | 29 | 0 | 0 | 0 | 0 | 5 | 2 |
| 14 | Katihar | 14 | 0.28 | 3.38 | - | - | 12 | 86 | 2 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 |
| 15 | Khagaria | 12 | 0.97 | 3.84 | - | - | 2 | 17 | 10 | 83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 |
| 16 | Kishanganj | 3 | 0.99 | 1.45 | - | - | 3 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 |
| 17 | Lakhisarai | 2 | 1.91 | 3.46 | - | - | 1 | 50 | 1 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| 18 | Madhepura | 7 | 0.82 | 3.31 | - | - | 5 | 71 | 2 | 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 |
| 19 | Madhubani | 19 | 0.76 | 5.43 | - | - | 9 | 47 | 7 | 37 | 3 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 0 |
| 20 | Munger | 10 | 1.83 | 6.52 | 0.12 | 1.81 | 1 | 10 | 2 | 20 | 4 | 40 | 3 | 30 | 0 | 0 | 0 | 0 | 7 | 3 |
| 21 | Muzaffarpur | 18 | 0.22 | 4.6 | 0.39 | 0.39 | 8 | 44 | 8 | 44 | 1 | 6 | 1 | 6 | 0 | 0 | 0 | 0 | 17 | 1 |
| 22 | Nalanda | 31 | 0.42 | 6.64 | 0.27 | 0.27 | 18 | 58 | 6 | 19 | 6 | 19 | 1 | 3 | 0 | 0 | 0 | 0 | 30 | 1 |
| 23 | Nawada | 9 | 0.31 | 4.03 | 0.13 | 0.13 | 3 | 33 | 4 | 44 | 1 | 11 | 1 | 11 | 0 | 0 | 0 | 0 | 8 | 1 |
| 24 | W Champaran | 10 | 0.32 | 2.38 | 0.43 | 0.43 | 6 | 60 | 3 | 30 | 0 | 0 | 1 | 10 | 0 | 0 | 0 | 0 | 9 | 1 |
| 25 | Patna | 18 | 0.48 | 5.8 | 0.62 | 1.06 | 8 | 44 | 6 | 33 | 2 | 11 | 2 | 11 | 0 | 0 | 0 | 0 | 16 | 2 |
| 26 | E Champaran | 19 | 0.12 | 2.52 | 0.21 | 1.74 | 13 | 68 | 4 | 21 | 0 | 0 | 2 | 11 | 0 | 0 | 0 | 0 | 17 | 2 |
| 27 | Purnia | 10 | 0.46 | 2 | - | - | 10 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 |
| 28 | Rohtas | 15 | 0.58 | 5.55 | 0.75 | 1.2 | 5 | 33 | 4 | 27 | 4 | 27 | 2 | 13 | 0 | 0 | 0 | 0 | 13 | 2 |
| 29 | Saharsa | 11 | 0.37 | 2.31 | - | - | 9 | 82 | 2 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 |
| 30 | Samastipur | 14 | 0.04 | 6.98 | - | - | 6 | 43 | 5 | 36 | 3 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 |
| 31 | Saran | 23 | 0.37 | 3.9 | 0.17 | 0.51 | 8 | 35 | 13 | 57 | 0 | 0 | 2 | 9 | 0 | 0 | 0 | 0 | 21 | 2 |
| 32 | Seikhpura | 6 | 3 | 6.35 | - | - | 0 | 0 | 3 | 50 | 3 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 |
| 33 | Sheohar | 2 | 2.45 | 2.75 | - | - | 0 | 0 | 2 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| 34 | Sitamarhi | 8 | 0.68 | 3.83 | - | - | 3 | 38 | 5 | 63 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 |
| 35 | Siwan | 14 | 0.6 | 3.44 | 0.09 | 0.09 | 11 | 79 | 2 | 14 | 0 | 0 | 1 | 7 | 0 | 0 | 0 | 0 | 13 | 1 |
| 36 | Supaul | 16 | 0.03 | 2.28 | 0.91 | 0.91 | 13 | 81 | 1 | 6 | 0 | 0 | 1 | 6 | 0 | 0 | 0 | 0 | 14 | 1 |
| 37 | Vaishali | 11 | 1.36 | 4.96 | - | - | 1 | 9 | 6 | 55 | 4 | 36 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 |
| Total | | 426 | 0.03 | 6.98 | 0.09 | 4.12 | 215 | 50 | 136 | 32 | 43 | 10 | 30 | 7 | 0 | 0 | 1 | 0 | 394 | 31 |

3.2.3 May 2014 to January 2015

Water level fluctuation between May 2014 and January 2015 has been analysed for 438 HNS which indicates rise in water level in about 86 % of the HNS. The rise in water level in the range of 0 – 2 m in 63 % of the HNS, 2 – 4 m in 21% of the HNS and >4 m only in 4% HNS. The fall in water level has been observed only in 50 wells (11%) up to 2 m except 6 (1%) wells which have shown fall in the range of 2 to 4 m.

About 72% area has shown rise in water level up to 2m spread over entire State. The range of 2 to 4 m rise has been observed in many areas as patches which constitutes about 21% area of the State. The rise of water level more than 4m observed as patches in Patna, Munger, Jamui, and Gaya and Vaishali district. Including the part of Supaul, Kaimur Buxar and Banka district the fall in the segment of 0-2m has been shown as patches at many disseminated locations in the State. The range of 2-4 m fall is observed in 6 HNS, located in Munger, Kaimur, Jamui, Gaya, Bhojpur and Bhagalpur district. No area has shown fall of water level more than 4 m (**Fig. 10, Table 11**).

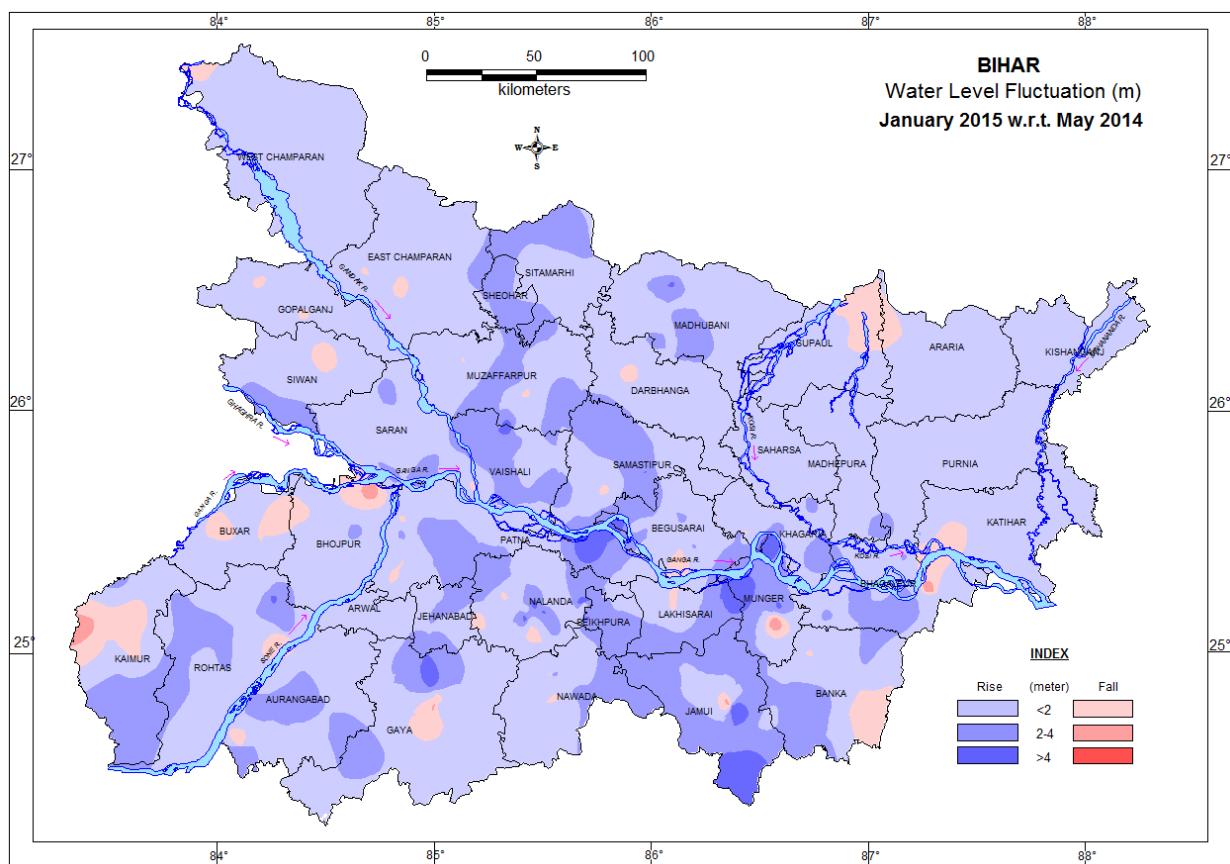


Fig. 10: Fluctuation in ground water level between May 2014 and Jan. 2015.

Table – 11 District wise categorization of fluctuation and their frequency of water levels of HNS of **January 2015 w.r.t. May 2014** for Bihar State

| SN | District Name | No. of well analysed | Range of fluctuation (m) | | | | | | | | | | | | | | | Total No. of well | | |
|----|-------------------|----------------------|--------------------------|--------------|-------------|-------------|------------|-----------|-----------|-----------|-----------|----------|-----------|-----------|----------|----------|----------|-------------------|------------|-----------|
| | | | Rise (m) | | Fall (m) | | Rise | | | | | | Fall | | | | | | | |
| | | | Min | Max | Min | Max | < 2m | % | 2-4 m | % | > 4m | % | < 2m | % | 2-4m | % | > 4m | % | Rise | Fall |
| 1 | Araria | 6 | 0.29 | 0.71 | - | - | 6 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 |
| 2 | Aurangabad | 10 | 0.63 | 3.31 | 1.16 | 1.16 | 4 | 40 | 5 | 50 | 0 | 0 | 1 | 10 | 0 | 0 | 0 | 0 | 9 | 1 |
| 3 | Banka | 13 | 0.22 | 3.84 | 0.15 | 1.86 | 7 | 54 | 3 | 23 | 0 | 0 | 3 | 23 | 0 | 0 | 0 | 0 | 10 | 3 |
| 4 | Begusarai | 14 | 0.07 | 5.01 | 0.53 | 0.53 | 8 | 57 | 4 | 29 | 1 | 7 | 1 | 7 | 0 | 0 | 0 | 0 | 13 | 1 |
| 5 | Bhagalpur | 13 | 0.51 | 3.17 | 3.72 | 3.72 | 7 | 54 | 5 | 38 | 0 | 0 | 0 | 0 | 1 | 8 | 0 | 0 | 12 | 1 |
| 6 | Bhojpur | 9 | 0.1 | 2.33 | 3.09 | 3.09 | 7 | 78 | 1 | 11 | 0 | 0 | 0 | 0 | 1 | 11 | 0 | 0 | 8 | 1 |
| 7 | Buxar | 5 | 0.05 | 1.56 | 0.09 | 0.42 | 3 | 60 | 0 | 0 | 0 | 0 | 2 | 40 | 0 | 0 | 0 | 0 | 3 | 2 |
| 8 | Darbhanga | 8 | 0.5 | 1.82 | 0.46 | 0.46 | 7 | 88 | 0 | 0 | 0 | 0 | 1 | 13 | 0 | 0 | 0 | 0 | 7 | 1 |
| 9 | Gaya | 9 | 0.56 | 5.11 | 0.9 | 2.28 | 4 | 44 | 0 | 0 | 2 | 22 | 2 | 22 | 1 | 11 | 0 | 0 | 6 | 3 |
| 10 | Gopalganj | 12 | 0.45 | 1.7 | 0.4 | 0.47 | 10 | 83 | 0 | 0 | 0 | 0 | 2 | 17 | 0 | 0 | 0 | 0 | 10 | 2 |
| 11 | Jamui | 14 | 1.1 | 11.42 | 2.9 | 2.9 | 6 | 43 | 4 | 29 | 3 | 21 | 0 | 0 | 1 | 7 | 0 | 0 | 13 | 1 |
| 12 | Jehanabad & Arwal | 10 | 0.28 | 3.7 | - | - | 9 | 90 | 1 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 |
| 13 | Kaimur | 7 | 0.15 | 3.6 | 0.17 | 2.66 | 2 | 29 | 2 | 29 | 0 | 0 | 2 | 29 | 1 | 14 | 0 | 0 | 4 | 3 |
| 14 | Katihar | 14 | 0.64 | 2.7 | 0.11 | 0.73 | 11 | 79 | 1 | 7 | 0 | 0 | 2 | 14 | 0 | 0 | 0 | 0 | 12 | 2 |
| 15 | Khagaria | 12 | 0.54 | 2.68 | 0.49 | 0.49 | 7 | 58 | 4 | 33 | 0 | 0 | 1 | 8 | 0 | 0 | 0 | 0 | 11 | 1 |
| 16 | Kishanganj | 3 | 0.32 | 1.14 | - | - | 3 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 |
| 17 | Lakhisarai | 4 | 0.76 | 1.42 | 0.2 | 0.2 | 3 | 75 | 0 | 0 | 0 | 0 | 1 | 25 | 0 | 0 | 0 | 0 | 3 | 1 |
| 18 | Madhepura | 7 | 0.18 | 2.93 | - | - | 6 | 86 | 1 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 |
| 19 | Madhubani | 19 | 0.19 | 4.33 | - | - | 14 | 74 | 4 | 21 | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 0 |
| 20 | Munger | 10 | 1.16 | 7.56 | 3.81 | 3.81 | 4 | 40 | 2 | 20 | 3 | 30 | 0 | 0 | 1 | 10 | 0 | 0 | 9 | 1 |
| 21 | Muzaffarpur | 18 | 0.25 | 3.32 | 0.05 | 0.24 | 11 | 61 | 5 | 28 | 0 | 0 | 2 | 11 | 0 | 0 | 0 | 0 | 16 | 2 |
| 22 | Nalanda | 31 | 0.09 | 5.33 | 0.19 | 1.14 | 19 | 61 | 5 | 16 | 4 | 13 | 3 | 10 | 0 | 0 | 0 | 0 | 28 | 3 |
| 23 | Nawada | 9 | 0.75 | 3.15 | 0.23 | 0.27 | 3 | 33 | 4 | 44 | 0 | 0 | 2 | 22 | 0 | 0 | 0 | 0 | 7 | 2 |
| 24 | W Champaran | 10 | 0.59 | 1.45 | 0.49 | 0.49 | 9 | 90 | 0 | 0 | 0 | 0 | 1 | 10 | 0 | 0 | 0 | 0 | 9 | 1 |
| 25 | Patna | 21 | 0.2 | 5.09 | 0.02 | 1.35 | 10 | 48 | 5 | 24 | 1 | 5 | 5 | 24 | 0 | 0 | 0 | 0 | 16 | 5 |
| 26 | E Champaran | 18 | 0.18 | 2.11 | 0.32 | 0.46 | 14 | 78 | 2 | 11 | 0 | 0 | 2 | 11 | 0 | 0 | 0 | 0 | 16 | 2 |
| 27 | Purnia | 10 | 0.67 | 1.2 | - | - | 10 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 |
| 28 | Rohtas | 15 | 0.38 | 4.32 | 1.58 | 1.58 | 8 | 53 | 5 | 33 | 1 | 7 | 1 | 7 | 0 | 0 | 0 | 0 | 14 | 1 |
| 29 | Saharsa | 11 | 0.06 | 1.69 | - | - | 11 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 |
| 30 | Samastipur | 14 | 1.35 | 4.08 | 0.32 | 0.32 | 5 | 36 | 7 | 50 | 1 | 7 | 1 | 7 | 0 | 0 | 0 | 0 | 13 | 1 |
| 31 | Saran | 22 | 0.36 | 2.89 | 0.39 | 0.8 | 15 | 68 | 5 | 23 | 0 | 0 | 2 | 9 | 0 | 0 | 0 | 0 | 20 | 2 |
| 32 | Seikhpura | 6 | 1.58 | 4.29 | - | - | 1 | 17 | 4 | 67 | 1 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 |
| 33 | Sheohar | 2 | 2.23 | 2.43 | - | - | 0 | 0 | 2 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| 34 | Sitamarhi | 8 | 0.31 | 2.64 | - | - | 3 | 38 | 5 | 63 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 |
| 35 | Siwan | 14 | 0.66 | 2.75 | 1.02 | 1.02 | 11 | 79 | 2 | 14 | 0 | 0 | 1 | 7 | 0 | 0 | 0 | 0 | 13 | 1 |
| 36 | Supaul | 18 | 0.08 | 1.83 | 0.05 | 1.15 | 12 | 67 | 0 | 0 | 0 | 0 | 6 | 33 | 0 | 0 | 0 | 0 | 12 | 6 |
| 37 | Vaishali | 12 | 0.62 | 5.19 | - | - | 5 | 42 | 6 | 50 | 1 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 |
| | Total | 438 | 0.05 | 11.42 | 0.02 | 3.81 | 275 | 63 | 94 | 21 | 19 | 4 | 44 | 10 | 6 | 1 | 0 | 0 | 388 | 50 |

3.3.0 ANNUAL FLUCTUATION

3.3.1 May 2013 to May 2014

Fluctuation of ground water level between May 2013 and May 2014 of 348 HNS has been analysed which indicates rise in water level in 224 wells (64 %) of the HNS and fall in water level only in 112 No. (36%) of HNS. The rise has been observed in almost entire State. The rise to the tune of 0 – 2 m in 57% of HNS, in the tune of 2 – 4 m in the 5% and only 2% HNS has shown rise >4 m. The segment of >4m rise is observed in 08 NHS located each in Banka, Gaya, Jamui, Muzaffarpur, Nawada, Patna, E Champaran and Sheikhpura district. The fall of water level in the segment of 0-2 m has been observed in the major and adjoining part of Darbhanga, Samastipur, Vaishali, Muzaffarpur, Araria, Kishanganj, Bhagalpur, Katihar, Sitamarhi, Bhojpur and Aurangabad districts and as patches at few locations. The fall of water level in the range of 2-4 m has been observed which spread in 2% area of the State occurred in Aurangabad, Begusarai, Kaimur, Munger and Vaishali district. Only 3 wells, located in Begusarai, Kaimur and Khagaria district have shown fall of water level > 4 m.

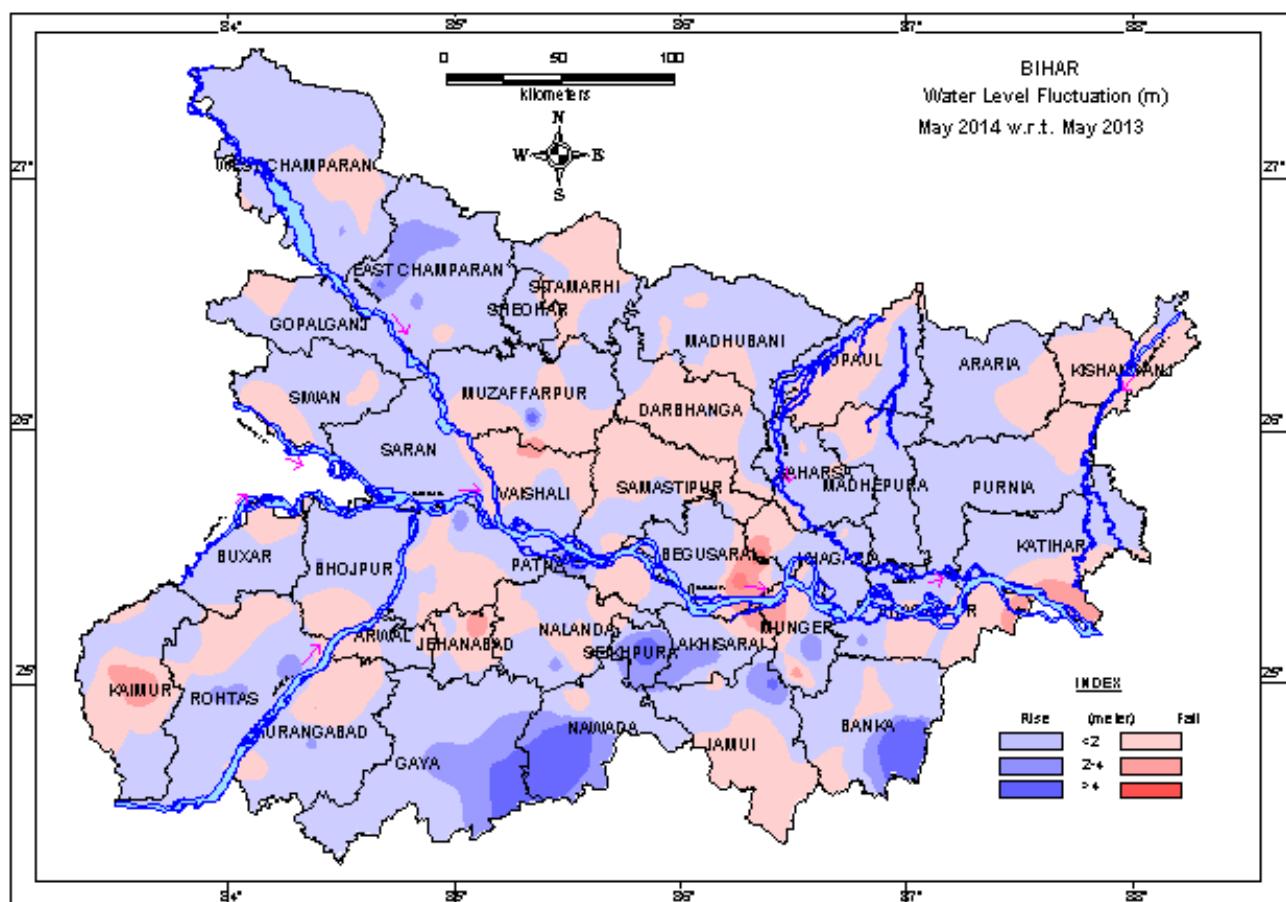


Fig. 11: Fluctuation in ground water level between May 2013 and May 2014.

Table – 12 District-wise categorization of fluctuation and their frequency of water levels of HNS of May 2014 w.r.t. May 2013 for Bihar State

| SN | District Name | No of Wells | Range of Fluctuation (m) | | | | No. of wells/Percentage Showing Fluctuation | | | | | | | | | | | | Total No. of Wells | |
|--------------|-------------------|-------------|--------------------------|-------------|-------------|-------------|---------------------------------------------|-----------|-----------|----------|----------|----------|------------|-----------|----------|----------|----------|----------|--------------------|------------|
| | | | Rise | | Fall | | Rise | | | | | | Fall | | | | | | | |
| | | | Min | Max | Min | Max | 0-2m | % | 2-4m | % | > 4 | % | 0-2m | % | 2-4m | % | > 4 | % | Rise | Fall |
| 1 | Araria | 4 | 0.61 | 1.06 | 0.08 | 0.55 | 2 | 50 | 0 | 0 | 0 | 0 | 2 | 50 | 0 | 0 | 0 | 0 | 2 | 2 |
| 2 | Aurangabad | 9 | 0.02 | 2.32 | 0.92 | 2.03 | 5 | 56 | 1 | 11 | 0 | 0 | 2 | 22 | 1 | 11 | 0 | 0 | 6 | 3 |
| 3 | Banka | 11 | 0.48 | 7.08 | 0.3 | 0.68 | 6 | 55 | 0 | 0 | 1 | 9 | 3 | 27 | 0 | 0 | 0 | 0 | 7 | 3 |
| 4 | Begusarai | 14 | 0.14 | 1.81 | 4.76 | 4.76 | 12 | 86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 7 | 12 |
| 5 | Bhagalpur | 11 | 0.21 | 2.37 | 0.53 | 1.84 | 6 | 55 | 1 | 9 | 0 | 0 | 4 | 36 | 0 | 0 | 0 | 0 | 7 | 4 |
| 6 | Bhojpur | 8 | 0.09 | 2.16 | 0.56 | 0.56 | 6 | 75 | 1 | 13 | 0 | 0 | 1 | 13 | 0 | 0 | 0 | 0 | 7 | 1 |
| 7 | Buxar | 5 | 0.69 | 0.82 | 0.02 | 1.28 | 3 | 60 | 0 | 0 | 0 | 0 | 2 | 40 | 0 | 0 | 0 | 0 | 3 | 2 |
| 8 | Darbhanga | 6 | 0.05 | 0.2 | 0.1 | 0.88 | 2 | 33 | 0 | 0 | 0 | 0 | 4 | 67 | 0 | 0 | 0 | 0 | 2 | 4 |
| 9 | Gaya | 7 | 0.73 | 4.55 | - | - | 2 | 29 | 2 | 29 | 1 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 |
| 10 | Gopalganj | 11 | 0.01 | 1.76 | 0.02 | 0.39 | 8 | 73 | 0 | 0 | 0 | 0 | 3 | 27 | 0 | 0 | 0 | 0 | 8 | 3 |
| 11 | Jamui | 8 | 0.28 | 4.68 | 1.18 | 1.83 | 4 | 50 | 0 | 0 | 1 | 13 | 3 | 38 | 0 | 0 | 0 | 0 | 5 | 3 |
| 12 | Jehanabad & Arwal | 8 | 0.08 | 1.82 | 1.42 | 3.07 | 5 | 63 | 0 | 0 | 0 | 0 | 1 | 13 | 1 | 13 | 0 | 0 | 5 | 2 |
| 13 | Kaimur | 7 | 0.25 | 1.54 | 0.46 | 4.12 | 3 | 43 | 0 | 0 | 0 | 0 | 1 | 14 | 1 | 14 | 1 | 14 | 3 | 3 |
| 14 | Katihar | 14 | 0.06 | 1.88 | 0.03 | 3.45 | 11 | 79 | 0 | 0 | 0 | 0 | 1 | 7 | 1 | 7 | 0 | 0 | 11 | 2 |
| 15 | Khagaria | 11 | 0.01 | 1.85 | 0.06 | 4.67 | 9 | 82 | 0 | 0 | 0 | 0 | 1 | 9 | 0 | 0 | 1 | 9 | 9 | 2 |
| 16 | Kishanganj | 3 | 0.15 | 0.15 | 0.3 | 1.03 | 1 | 33 | 0 | 0 | 0 | 0 | 2 | 67 | 0 | 0 | 0 | 0 | 1 | 2 |
| 17 | Lakhisarai | 3 | 0.3 | 3.79 | - | - | 2 | 67 | 1 | 33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 |
| 18 | Madhepura | 7 | 0.63 | 1.04 | 0.44 | 1.06 | 5 | 71 | 0 | 0 | 0 | 0 | 2 | 29 | 0 | 0 | 0 | 0 | 5 | 2 |
| 19 | Madhubani | 13 | 0.07 | 1.82 | 0.08 | 1 | 9 | 69 | 0 | 0 | 0 | 0 | 4 | 31 | 0 | 0 | 0 | 0 | 9 | 4 |
| 20 | Munger | 7 | 0.24 | 3.69 | 0.2 | 3.9 | 2 | 29 | 1 | 14 | 0 | 0 | 2 | 29 | 2 | 29 | 0 | 0 | 3 | 4 |
| 21 | Muzaffarpur | 13 | 0.25 | 5.82 | 0.15 | 0.89 | 5 | 38 | 0 | 0 | 1 | 8 | 7 | 54 | 0 | 0 | 0 | 0 | 6 | 7 |
| 22 | Nalanda | 27 | 0.01 | 3.24 | 0.01 | 1.95 | 15 | 56 | 2 | 7 | 0 | 0 | 10 | 37 | 0 | 0 | 0 | 0 | 17 | 10 |
| 23 | Nawada | 7 | 0.39 | 6.25 | 1.09 | 1.09 | 5 | 71 | 0 | 0 | 1 | 14 | 1 | 14 | 0 | 0 | 0 | 0 | 6 | 1 |
| 24 | W Champaran | 6 | 0.01 | 2.16 | 0.2 | 0.46 | 3 | 50 | 1 | 17 | 0 | 0 | 2 | 33 | 0 | 0 | 0 | 0 | 4 | 2 |
| 25 | Patna | 19 | 0.09 | 4.32 | 0.03 | 1.56 | 9 | 47 | 1 | 5 | 1 | 5 | 7 | 37 | 0 | 0 | 0 | 0 | 11 | 7 |
| 26 | E Champaran | 15 | 0.25 | 4.56 | 0.42 | 0.42 | 9 | 60 | 3 | 20 | 1 | 7 | 1 | 7 | 0 | 0 | 0 | 0 | 13 | 1 |
| 27 | Purnia | 8 | 0.07 | 0.85 | 0.12 | 0.15 | 6 | 75 | 0 | 0 | 0 | 0 | 2 | 25 | 0 | 0 | 0 | 0 | 6 | 2 |
| 28 | Rohtas | 11 | 0.04 | 2.69 | 0.2 | 1.25 | 5 | 45 | 3 | 27 | 0 | 0 | 3 | 27 | 0 | 0 | 0 | 0 | 8 | 3 |
| 29 | Saharsa | 11 | 0.28 | 1.24 | 0.42 | 0.43 | 8 | 73 | 0 | 0 | 0 | 0 | 2 | 18 | 0 | 0 | 0 | 0 | 8 | 2 |
| 30 | Samastipur | 10 | 0.02 | 1.12 | 0.03 | 1.86 | 4 | 40 | 0 | 0 | 0 | 0 | 6 | 60 | 0 | 0 | 0 | 0 | 4 | 6 |
| 31 | Saran | 12 | 0.15 | 0.89 | 0.57 | 0.57 | 11 | 92 | 0 | 0 | 0 | 0 | 1 | 8 | 0 | 0 | 0 | 0 | 11 | 1 |
| 32 | Seikhpura | 5 | 0.03 | 5.22 | 0.68 | 0.81 | 2 | 40 | 0 | 0 | 1 | 20 | 2 | 40 | 0 | 0 | 0 | 0 | 3 | 2 |
| 33 | Sheohar | 1 | 0.26 | 0.26 | - | - | 1 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 34 | Sitamarhi | 7 | 0.7 | 0.7 | 0.04 | 0.57 | 1 | 14 | 0 | 0 | 0 | 0 | 5 | 71 | 0 | 0 | 0 | 0 | 1 | 5 |
| 35 | Siwan | 9 | 0.01 | 1.78 | 0.18 | 1.85 | 5 | 56 | 0 | 0 | 0 | 0 | 3 | 33 | 0 | 0 | 0 | 0 | 5 | 3 |
| 36 | Supaul | 13 | 0.06 | 1.16 | 0.03 | 1.08 | 4 | 31 | 0 | 0 | 0 | 0 | 9 | 69 | 0 | 0 | 0 | 0 | 4 | 9 |
| 37 | Vaishali | 7 | 0.03 | 0.35 | 0.32 | 3.46 | 3 | 43 | 0 | 0 | 0 | 0 | 2 | 29 | 2 | 29 | 0 | 0 | 3 | 4 |
| Total | | 348 | 0.01 | 7.08 | 0.01 | 4.76 | 199 | 57 | 17 | 5 | 8 | 2 | 101 | 29 | 8 | 2 | 3 | 1 | 224 | 112 |

3.3.2 August 2013 to August 2014

Water level fluctuation between August 2013 and August 2014 has been analysed for 367 HNS, which indicates that the rise of water level is in about 62% of the HNS and fall in about 38% of the HNS analysed. The rise of water level observed in the north-eastern and south-western part of the State and as patches in many other parts, which spread in range of 0 – 2 m in 34% area of the State. The segment of 2–4m fall has observed the part of Rohtas, Jehanabad, Gaya, Munger, Katihar, Purnia and Begusarai district and as patches at few location constitutes about 2% area of the State. Only two wells located in Gaya and Rohtas district have shown rise >4m.

About 50 % area of the State has shown rise in water level to the tune of 0 to 2 m covered the north-western, central and southern part of the State. The range of 2 to 4 m rise which constituted about 11% area of the State has been noticed in the central part of SBP and as patches at few locations. Including 7 in Nalanda district and 4 in Nawada district total 21 wells have shown rise more than 4 m. (**Fig. 12, Table 13**)

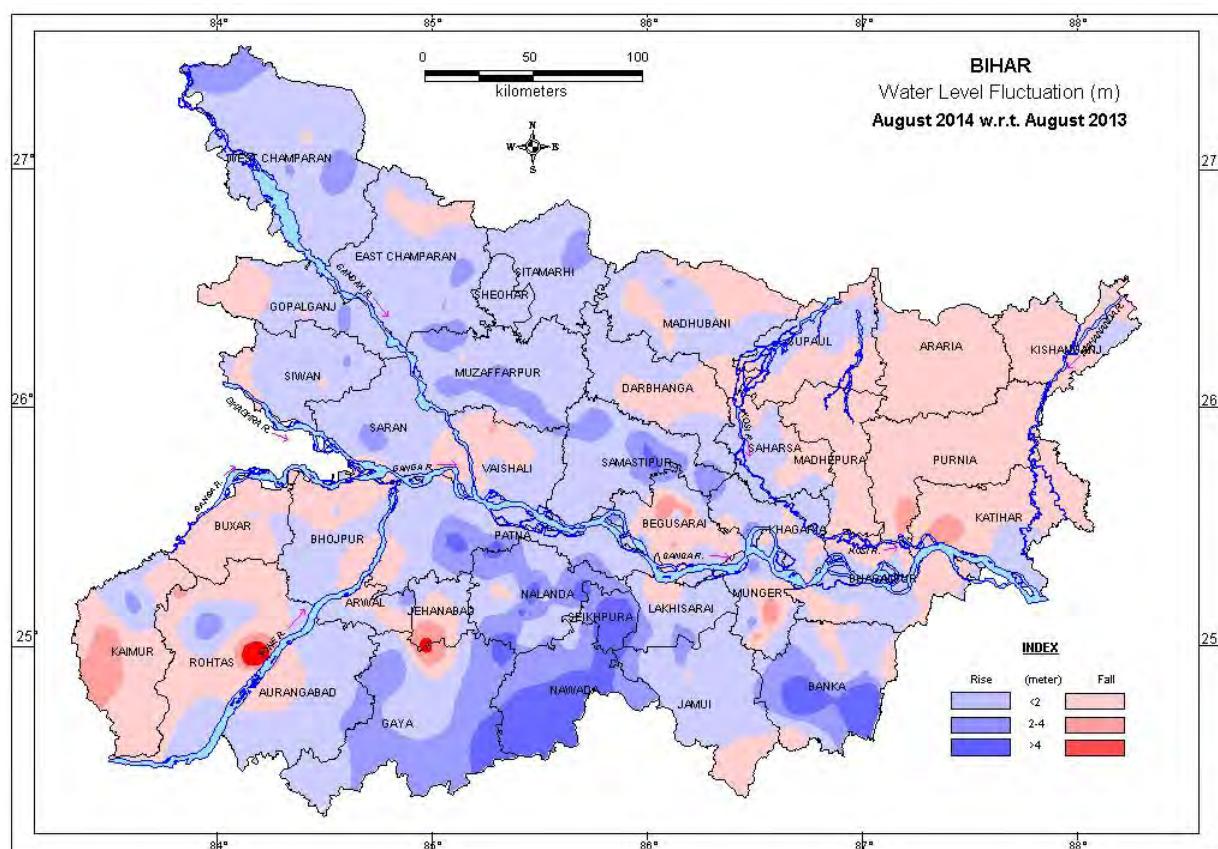


Fig. 12: Fluctuation in ground water level between Aug. 2013 and Aug. 2014.

Table – 13 District-wise categorization of fluctuation and their frequency of water levels of HNS of August 2014 w.r.t. August 2013 for Bihar State

| SN | District Name | No of Wells | Range of Fluctuation (m) | | | | No. of wells/Percentage Showing Fluctuation | | | | | | | | | | Total No. of Wells | | | |
|----|-------------------|-------------|--------------------------|-------------|-------------|-------------|---------------------------------------------|-----------|-----------|-----------|-----------|----------|------------|-----------|-----------|----------|--------------------|----------|------------|------------|
| | | | Rise | | Fall | | Rise | | | | | Fall | | | | | | | | |
| | | | Min | Max | Min | Max | 0-2m | % | 2-4m | % | > 4 | % | 0-2m | % | 2-4m | % | > 4 | % | Rise | Fall |
| 1 | Araria | 4 | - | - | 0.56 | 0.82 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 100 | 0 | 0 | 0 | 0 | 0 | 4 |
| 2 | Aurangabad | 6 | 0.08 | 2.13 | 0.49 | 0.49 | 4 | 67 | 1 | 17 | 0 | 0 | 1 | 17 | 0 | 0 | 0 | 0 | 5 | 1 |
| 3 | Banka | 11 | 0.06 | 6.35 | 0.46 | 0.88 | 3 | 27 | 2 | 18 | 2 | 18 | 4 | 36 | 0 | 0 | 0 | 0 | 7 | 4 |
| 4 | Begusarai | 16 | 0.07 | 2.67 | 0.02 | 3.98 | 4 | 25 | 3 | 19 | 0 | 0 | 6 | 38 | 3 | 19 | 0 | 0 | 7 | 9 |
| 5 | Bhagalpur | 9 | 0.15 | 1.95 | 0.25 | 1.66 | 5 | 56 | 0 | 0 | 0 | 0 | 4 | 44 | 0 | 0 | 0 | 0 | 5 | 4 |
| 6 | Bhojpur | 8 | 0.16 | 1.17 | 1.77 | 2.25 | 6 | 75 | 0 | 0 | 0 | 0 | 1 | 13 | 1 | 13 | 0 | 0 | 6 | 2 |
| 7 | Buxar | 5 | 0.05 | 0.05 | 0.21 | 0.81 | 1 | 20 | 0 | 0 | 0 | 0 | 4 | 80 | 0 | 0 | 0 | 0 | 1 | 4 |
| 8 | Darbhanga | 7 | 0.07 | 1.71 | 0.25 | 0.54 | 4 | 57 | 0 | 0 | 0 | 0 | 3 | 43 | 0 | 0 | 0 | 0 | 4 | 3 |
| 9 | Gaya | 8 | 0.45 | 4.18 | 4.75 | 4.75 | 3 | 38 | 3 | 38 | 1 | 13 | 0 | 0 | 0 | 0 | 1 | 13 | 7 | 1 |
| 10 | Gopalganj | 8 | 0.1 | 2.25 | 0.2 | 0.8 | 4 | 50 | 1 | 13 | 0 | 0 | 3 | 38 | 0 | 0 | 0 | 0 | 5 | 3 |
| 11 | Jamui | 8 | 0.72 | 2.7 | 0.03 | 0.92 | 3 | 38 | 2 | 25 | 0 | 0 | 3 | 38 | 0 | 0 | 0 | 0 | 5 | 3 |
| 12 | Jehanabad & Arwal | 6 | 0.5 | 3.14 | 0.08 | 1.78 | 1 | 17 | 1 | 17 | 0 | 0 | 4 | 67 | 0 | 0 | 0 | 0 | 2 | 4 |
| 13 | Kaimur | 8 | 0.05 | 2.65 | 0.42 | 3.11 | 1 | 13 | 2 | 25 | 0 | 0 | 4 | 50 | 1 | 13 | 0 | 0 | 3 | 5 |
| 14 | Katihar | 14 | 0.17 | 0.66 | 0.19 | 3.53 | 2 | 14 | 0 | 0 | 0 | 0 | 11 | 79 | 1 | 7 | 0 | 0 | 2 | 12 |
| 15 | Khagaria | 13 | 0.05 | 4.33 | 0.06 | 1.35 | 6 | 46 | 0 | 0 | 1 | 8 | 6 | 46 | 0 | 0 | 0 | 0 | 7 | 6 |
| 16 | Kishanganj | 3 | 0.18 | 0.18 | 0.36 | 0.46 | 1 | 33 | 0 | 0 | 0 | 0 | 2 | 67 | 0 | 0 | 0 | 0 | 1 | 2 |
| 17 | Lakhisarai | 3 | 1.98 | 1.98 | 0.99 | 1.09 | 1 | 33 | 0 | 0 | 0 | 0 | 2 | 67 | 0 | 0 | 0 | 0 | 1 | 2 |
| 18 | Madhepura | 7 | 0.02 | 0.02 | 0.12 | 0.85 | 1 | 14 | 0 | 0 | 0 | 0 | 6 | 86 | 0 | 0 | 0 | 0 | 1 | 6 |
| 19 | Madhubani | 15 | 0.1 | 2.36 | 0.28 | 2.08 | 6 | 40 | 1 | 7 | 0 | 0 | 6 | 40 | 1 | 7 | 0 | 0 | 7 | 7 |
| 20 | Munger | 7 | 1.87 | 3.03 | 0.65 | 3.68 | 1 | 14 | 2 | 29 | 0 | 0 | 2 | 29 | 2 | 29 | 0 | 0 | 3 | 4 |
| 21 | Muzaffarpur | 15 | 0.2 | 3.3 | 0.46 | 0.46 | 8 | 53 | 6 | 40 | 0 | 0 | 1 | 7 | 0 | 0 | 0 | 0 | 14 | 1 |
| 22 | Nalanda | 28 | 0.25 | 6.43 | 0.52 | 1.11 | 9 | 32 | 10 | 36 | 7 | 25 | 2 | 7 | 0 | 0 | 0 | 0 | 26 | 2 |
| 23 | Nawada | 7 | 1.28 | 6.29 | - | - | 1 | 14 | 2 | 29 | 4 | 57 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 |
| 24 | W Champaran | 10 | 0.65 | 3.32 | 0.36 | 0.36 | 6 | 60 | 3 | 30 | 0 | 0 | 1 | 10 | 0 | 0 | 0 | 0 | 9 | 1 |
| 25 | Patna | 16 | 0.02 | 4.7 | 0.79 | 1.29 | 11 | 69 | 0 | 0 | 2 | 13 | 3 | 19 | 0 | 0 | 0 | 0 | 13 | 3 |
| 26 | E Champaran | 21 | 0.31 | 2.28 | 0.4 | 1.46 | 15 | 71 | 3 | 14 | 0 | 0 | 3 | 14 | 0 | 0 | 0 | 0 | 18 | 3 |
| 27 | Purnia | 9 | 0.39 | 0.39 | 0.14 | 3.07 | 1 | 11 | 0 | 0 | 0 | 0 | 7 | 78 | 1 | 11 | 0 | 0 | 1 | 8 |
| 28 | Rohtas | 16 | 0.14 | 3.61 | 0.02 | 7.18 | 3 | 19 | 1 | 6 | 0 | 0 | 10 | 63 | 1 | 6 | 1 | 6 | 4 | 12 |
| 29 | Saharsa | 10 | 0.06 | 1.5 | 0.06 | 0.42 | 5 | 50 | 0 | 0 | 0 | 0 | 4 | 40 | 0 | 0 | 0 | 0 | 5 | 4 |
| 30 | Samastipur | 11 | 0.46 | 4.77 | - | - | 8 | 73 | 1 | 9 | 2 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 |
| 31 | Saran | 12 | 0.08 | 2.84 | 1.38 | 2.1 | 9 | 75 | 1 | 8 | 0 | 0 | 1 | 8 | 1 | 8 | 0 | 0 | 10 | 2 |
| 32 | Seikhpura | 6 | 1.41 | 7.95 | - | - | 1 | 17 | 3 | 50 | 2 | 33 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 |
| 33 | Sheohar | 1 | 0.29 | 0.29 | - | - | 1 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 34 | Sitamarhi | 7 | 0.9 | 2.62 | - | - | 6 | 86 | 1 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 |
| 35 | Siwan | 10 | 0.08 | 2.26 | 0.01 | 0.2 | 5 | 50 | 1 | 10 | 0 | 0 | 4 | 40 | 0 | 0 | 0 | 0 | 6 | 4 |
| 36 | Supaul | 15 | 0.06 | 1.81 | 0.01 | 1.38 | 8 | 53 | 0 | 0 | 0 | 0 | 7 | 47 | 0 | 0 | 0 | 0 | 8 | 7 |
| 37 | Vaishali | 7 | 0.33 | 1.47 | 0.18 | 2.25 | 3 | 43 | 0 | 0 | 0 | 0 | 3 | 43 | 1 | 14 | 0 | 0 | 3 | 4 |
| | Total | 367 | 0.02 | 7.95 | 0.01 | 7.18 | 157 | 43 | 50 | 14 | 21 | 6 | 122 | 33 | 13 | 4 | 2 | 1 | 228 | 137 |

3.3.3 November 2013 to November 2014

Water level fluctuation between November 2013 and November 2014 has been analysed for 376 HNS, which indicates that there is a rise of water level in about 47% of the HNS and fall in about 53% of the HNS. The rise of water level spread in almost entire States whereas patches of the segment of 2 to 4 m rise has been observed in E Champaran, Muzaffarpur, Samastipur, Patna, Jehanabad, Nalanda and at many localised area. Only 7 wells have shown rise of water level more than 4 m located in Banka, Muzaffarpur, Nalanda and Shiekhpura district.

About 30 % area of the State which covers a major area in south-western part and many other place in the State as patches has shown the fall of water level upto 2 m . The range of 2 to 4 m fall has been observed in total 4% area of the State shown in Bhojpur, Kaimur, Aurangabad, Muzaffarpur, Bhagalpur, Munger and in many localised area. Only 04 wells have shown fall of water level more than 4 m located in Aurangabad, Kaimur, Bhagalpur and Munger district. (**Fig. 13, Table 14**).

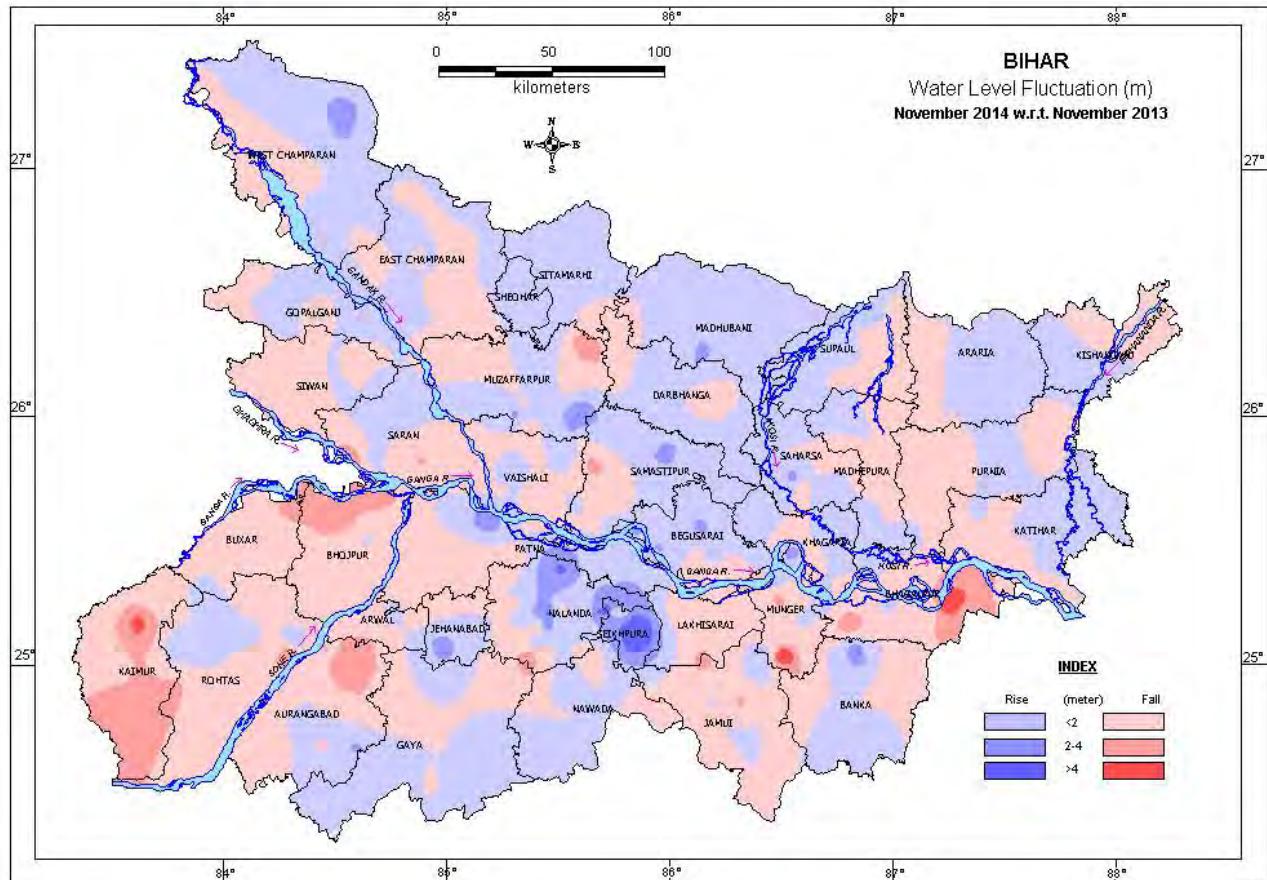


Fig. 13: Fluctuation in ground water level between Nov 2013 and Nov. 2014.

Table – 14 District-wise categorization of fluctuation and their frequency of water levels of HNS of November 2014 w.r.t. November 2013 for Bihar State

| SN | District Name | No of | Range of Fluctuation (m) | | | | No. of wells/Percentage Showing Fluctuation | | | | | | | | | | Total No. of Wells | | | |
|----|---------------|------------|--------------------------|-------------|-------------|-------------|---------------------------------------------|-----------|-----------|----------|----------|----------|------------|-----------|-----------|----------|--------------------|----------|------------|------------|
| | | | Wells | | Rise | | Fall | | Rise | | | | | Fall | | | | | | |
| | | | Min | Max | Min | Max | 0-2m | % | 2-4m | % | > 4 | % | 0-2m | % | 2-4m | % | > 4 | % | Rise | Fall |
| 1 | Araria | 3 | 0.51 | 0.51 | 0.04 | 0.04 | 1 | 33 | 0 | 0 | 0 | 0 | 2 | 67 | 0 | 0 | 0 | 0 | 1 | 2 |
| 2 | Aurangabad | 12 | 0.14 | 2.26 | 0.41 | 5.51 | 2 | 17 | 1 | 8 | 0 | 0 | 7 | 58 | 1 | 8 | 1 | 8 | 3 | 9 |
| 3 | Banka | 11 | 0.61 | 4.24 | 0.07 | 0.93 | 3 | 27 | 0 | 0 | 1 | 9 | 7 | 64 | 0 | 0 | 0 | 0 | 4 | 7 |
| 4 | Begusarai | 15 | 0.36 | 3.96 | 0.4 | 1.96 | 8 | 53 | 4 | 27 | 0 | 0 | 3 | 20 | 0 | 0 | 0 | 0 | 12 | 3 |
| 5 | Bhagalpur | 10 | 0.25 | 0.42 | 0.37 | 5.15 | 2 | 20 | 0 | 0 | 0 | 0 | 6 | 60 | 1 | 10 | 1 | 10 | 2 | 8 |
| 6 | Bhojpur | 8 | 0.1 | 0.1 | 0.24 | 2.75 | 1 | 13 | 0 | 0 | 0 | 0 | 4 | 50 | 3 | 38 | 0 | 0 | 1 | 7 |
| 7 | Buxar | 6 | - | - | 0.27 | 2.18 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 83 | 1 | 17 | 0 | 0 | 0 | 6 |
| 8 | Darbhanga | 5 | 0.49 | 0.93 | 0.5 | 1.16 | 3 | 60 | 0 | 0 | 0 | 0 | 2 | 40 | 0 | 0 | 0 | 0 | 3 | 2 |
| 9 | Gaya | 6 | 1.07 | 1.9 | 0.1 | 0.26 | 2 | 33 | 0 | 0 | 0 | 0 | 4 | 67 | 0 | 0 | 0 | 0 | 2 | 4 |
| 10 | Gopalganj | 11 | 0.45 | 2.05 | 0.1 | 2.28 | 4 | 36 | 1 | 9 | 0 | 0 | 5 | 45 | 1 | 9 | 0 | 0 | 5 | 6 |
| 11 | Jamui | 10 | 0.02 | 1.38 | 0.67 | 2.69 | 4 | 40 | 0 | 0 | 0 | 0 | 4 | 40 | 2 | 20 | 0 | 0 | 4 | 6 |
| 12 | Jehanabad | 7 | 0.93 | 2.6 | 0.01 | 1.02 | 1 | 14 | 1 | 14 | 0 | 0 | 5 | 71 | 0 | 0 | 0 | 0 | 2 | 5 |
| 13 | Kaimur | 7 | - | - | 0.26 | 4.72 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 57 | 2 | 29 | 1 | 14 | 0 | 7 |
| 14 | Katihar | 14 | 0.23 | 1.22 | 0.17 | 1.02 | 5 | 36 | 0 | 0 | 0 | 0 | 9 | 64 | 0 | 0 | 0 | 0 | 5 | 9 |
| 15 | Khagaria | 13 | 0.11 | 1.99 | 0.18 | 1.57 | 7 | 54 | 0 | 0 | 0 | 0 | 6 | 46 | 0 | 0 | 0 | 0 | 7 | 6 |
| 16 | Kishanganj | 3 | 0.21 | 0.21 | 0.17 | 0.39 | 1 | 33 | 0 | 0 | 0 | 0 | 2 | 67 | 0 | 0 | 0 | 0 | 1 | 2 |
| 17 | Lakhisarai | 2 | - | - | 1.01 | 1.11 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 100 | 0 | 0 | 0 | 0 | 0 | 2 |
| 18 | Madhepura | 7 | 0.2 | 1.4 | 0.36 | 0.53 | 4 | 57 | 0 | 0 | 0 | 0 | 3 | 43 | 0 | 0 | 0 | 0 | 4 | 3 |
| 19 | Madhubani | 14 | 0.18 | 3.14 | 0.22 | 0.22 | 12 | 86 | 1 | 7 | 0 | 0 | 1 | 7 | 0 | 0 | 0 | 0 | 13 | 1 |
| 20 | Munger | 10 | 0.26 | 2.94 | 0.15 | 6.48 | 2 | 20 | 1 | 10 | 0 | 0 | 5 | 50 | 1 | 10 | 1 | 10 | 3 | 7 |
| 21 | Muzaffarpur | 17 | 0.28 | 4.18 | 0.05 | 2.46 | 6 | 35 | 1 | 6 | 1 | 6 | 8 | 47 | 1 | 6 | 0 | 0 | 8 | 9 |
| 22 | Nalanda | 27 | 0.04 | 4.48 | 0.07 | 3.51 | 11 | 41 | 3 | 11 | 3 | 11 | 9 | 33 | 1 | 4 | 0 | 0 | 17 | 10 |
| 23 | Nawada | 7 | 0.26 | 1.78 | 0.12 | 1.72 | 4 | 57 | 0 | 0 | 0 | 0 | 3 | 43 | 0 | 0 | 0 | 0 | 4 | 3 |
| 24 | W Champaran | 10 | 0.05 | 2.31 | 0.15 | 0.7 | 6 | 60 | 1 | 10 | 0 | 0 | 3 | 30 | 0 | 0 | 0 | 0 | 7 | 3 |
| 25 | Patna | 17 | 0.05 | 3.78 | 0.22 | 1.65 | 4 | 24 | 1 | 6 | 0 | 0 | 12 | 71 | 0 | 0 | 0 | 0 | 5 | 12 |
| 26 | E Champaran | 21 | 0.04 | 1.07 | 0.06 | 2.45 | 12 | 57 | 0 | 0 | 0 | 0 | 8 | 38 | 1 | 5 | 0 | 0 | 12 | 9 |
| 27 | Purnia | 7 | 0.18 | 0.69 | 0.39 | 1.07 | 2 | 29 | 0 | 0 | 0 | 0 | 5 | 71 | 0 | 0 | 0 | 0 | 2 | 5 |
| 28 | Rohtas | 16 | 0.18 | 2.05 | 0.3 | 2.61 | 6 | 38 | 1 | 6 | 0 | 0 | 7 | 44 | 2 | 13 | 0 | 0 | 7 | 9 |
| 29 | Saharsa | 11 | 0.13 | 2.63 | 0.01 | 0.77 | 4 | 36 | 1 | 9 | 0 | 0 | 6 | 55 | 0 | 0 | 0 | 0 | 5 | 6 |
| 30 | Samastipur | 10 | 0.03 | 2.92 | 0.08 | 2.38 | 5 | 50 | 1 | 10 | 0 | 0 | 3 | 30 | 1 | 10 | 0 | 0 | 6 | 4 |
| 31 | Saran | 13 | 0.22 | 1.84 | 0.14 | 3.09 | 5 | 38 | 0 | 0 | 0 | 0 | 6 | 46 | 2 | 15 | 0 | 0 | 5 | 8 |
| 32 | Seikhpura | 6 | 0.43 | 6.73 | - | - | 2 | 33 | 2 | 33 | 2 | # | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 |
| 33 | Sheohar | 1 | 0.63 | 0.63 | - | - | 1 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 34 | Sitamarhi | 6 | 0.49 | 1.57 | - | - | 6 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 |
| 35 | Siwan | 12 | 0.01 | 0.33 | 0.4 | 1.45 | 4 | 33 | 0 | 0 | 0 | 0 | 8 | 67 | 0 | 0 | 0 | 0 | 4 | 8 |
| 36 | Supaul | 14 | 0.09 | 0.72 | 0.05 | 1.08 | 7 | 50 | 0 | 0 | 0 | 0 | 7 | 50 | 0 | 0 | 0 | 0 | 7 | 7 |
| 37 | Vaishali | 7 | 0.77 | 1.02 | 0.16 | 1.2 | 2 | 29 | 0 | 0 | 0 | 0 | 5 | 71 | 0 | 0 | 0 | 0 | 2 | 5 |
| | Total | 376 | 1.07 | 0.10 | 0.00 | 6.48 | 149 | 40 | 20 | 5 | 7 | 2 | 176 | 47 | 20 | 5 | 4 | 1 | 176 | 200 |

3.3.4 January 2014 to January 2015

Water level fluctuation between January 2014 and January 2015 has been analysed for 458 HNS. The rise of water level ranged from 0.01 to 4.95 m has been observed in 233 wells (51%) whereas the fall in water level was between 0.00 and 5.12m noticed in 221 Well (49%). The rise to the tune of 0 to 2 m has been shown in 52% area of the State spread in almost entire State. The segment of 2 to 4 m rise is observed in localised area in part Rohtas, Jehanabad, Nalanda, Sheikhpura, Saran, Sitamarhi, Samastipur, Bhagalpur and Jamui district. Only 6 well located Jamui, Munger, Nalanda, Sheikhpura and Sitamarhi district have shown water level rise more than 4m.

The fall in the range of 0 – 2 m, 2 – 4 m and >4m has been observed in 46%, 2 % and 1% of HNS respectively. The fall ranged from 0 to 2 m is has been observed as patches in almost every part of the State. The segment of 2 to 4 m fall has been calculated for only 07 wells and covered the part of Bhagalpur, Munger, Kaimur and Bhojpur district. Only 04 wells analysed have shown fall of water level more than 4 m located in Aurangabad, Bhojpur and Kaimur district.

(Fig. 14, Table 15).

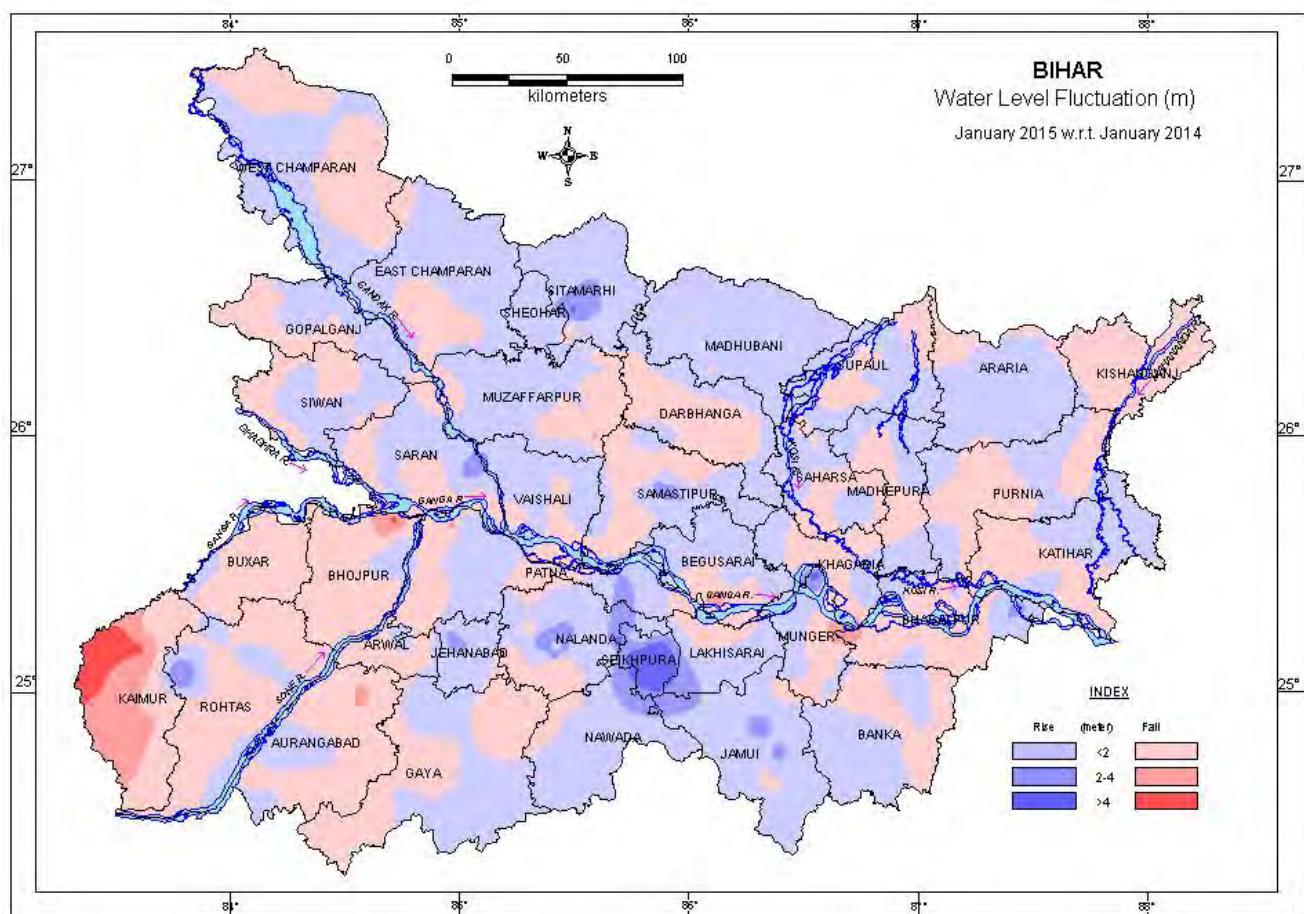


Fig. 14: Fluctuation in ground water level between Jan. 2015 and Jan. 2014.

Table – 12 District-wise categorization of fluctuation and their frequency of water levels of HNS of January 2015 w.r.t. January 2014 for Bihar State

| SN | District | No. of Analysed wells | Range of fluctuation (m) | | | | No. of Wells / Percentage showing fluctuation | | | | | | | | | | | | Total Wells | |
|----|--------------|-----------------------|--------------------------|------|------|------|-----------------------------------------------|-----|------|----|-----|----|------|-----|------|----|-----|----|-------------|------|
| | | | Rise | | Fall | | Rise | | | | | | Fall | | | | | | | |
| | | | Min. | Max. | Min. | Max. | <2m | % | 2-4m | % | >4m | % | <2m | % | 2-4m | % | >4m | % | Rise | Fall |
| 1 | Araria | 5 | 0.24 | 0.96 | 0.02 | 0.04 | 3 | 60 | 0 | 0 | 0 | 0 | 2 | 40 | 0 | 0 | 0 | 0 | 3 | 2 |
| 2 | Aurangabad | 13 | 0.03 | 1.59 | 0.04 | 4.3 | 4 | 31 | 0 | 0 | 0 | 0 | 8 | 62 | 0 | 0 | 1 | 8 | 4 | 9 |
| 3 | Banka | 12 | 0.03 | 1.44 | 0.01 | 0.68 | 6 | 50 | 0 | 0 | 0 | 0 | 6 | 50 | 0 | 0 | 0 | 0 | 6 | 6 |
| 4 | Begusarai | 15 | 0.18 | 1.65 | 0.51 | 2.43 | 10 | 67 | 0 | 0 | 0 | 0 | 4 | 27 | 1 | 7 | 0 | 0 | 10 | 5 |
| 5 | Bhagalpur | 14 | 0.08 | 2.61 | 0.03 | 3.79 | 4 | 29 | 1 | 7 | 0 | 0 | 8 | 57 | 1 | 7 | 0 | 0 | 5 | 9 |
| 6 | Bhojpur | 8 | 0.33 | 0.98 | 0.75 | 4.39 | 2 | 25 | 0 | 0 | 0 | 0 | 5 | 63 | 0 | 0 | 1 | 13 | 2 | 6 |
| 7 | Buxar | 6 | 1.15 | 1.15 | 0.35 | 1.6 | 1 | 17 | 0 | 0 | 0 | 0 | 5 | 83 | 0 | 0 | 0 | 0 | 1 | 5 |
| 8 | Darbhanga | 8 | 0.06 | 1.08 | 0.02 | 1.36 | 3 | 38 | 0 | 0 | 0 | 0 | 5 | 63 | 0 | 0 | 0 | 0 | 3 | 5 |
| 9 | Gaya | 11 | 0.02 | 1.18 | 0.23 | 0.9 | 8 | 73 | 0 | 0 | 0 | 0 | 3 | 27 | 0 | 0 | 0 | 0 | 8 | 3 |
| 10 | Gopalganj | 14 | 0.01 | 1.91 | 0.07 | 0.96 | 4 | 29 | 0 | 0 | 0 | 0 | 10 | 71 | 0 | 0 | 0 | 0 | 4 | 10 |
| 11 | Jamui | 13 | 0.32 | 4.77 | 0.42 | 1.56 | 9 | 69 | 1 | 8 | 1 | 8 | 2 | 15 | 0 | 0 | 0 | 0 | 11 | 2 |
| 12 | Jehanabad | 11 | 0.05 | 3.6 | 0.07 | 1.53 | 6 | 55 | 2 | 18 | 0 | 0 | 3 | 27 | 0 | 0 | 0 | 0 | 8 | 3 |
| 13 | Kaimur | 7 | - | - | 0.01 | 5.12 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 29 | 3 | 43 | 2 | 29 | 0 | 7 |
| 14 | Katihar | 16 | 0.17 | 0.64 | 0.14 | 1.92 | 3 | 19 | 0 | 0 | 0 | 0 | 12 | 75 | 0 | 0 | 0 | 0 | 3 | 12 |
| 15 | Khagaria | 13 | 0.26 | 1.63 | 0.14 | 1.03 | 3 | 23 | 0 | 0 | 0 | 0 | 10 | 77 | 0 | 0 | 0 | 0 | 3 | 10 |
| 16 | Kishanganj | 4 | - | - | 0.21 | 0.77 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 100 | 0 | 0 | 0 | 0 | 0 | 4 |
| 17 | Lakhisarai | 1 | - | - | 0.43 | 0.43 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 100 | 0 | 0 | 0 | 0 | 0 | 1 |
| 18 | Madhepura | 8 | 0.17 | 1.98 | 0.15 | 0.41 | 3 | 38 | 0 | 0 | 0 | 0 | 4 | 50 | 0 | 0 | 0 | 0 | 3 | 4 |
| 19 | Madhubani | 21 | 0.01 | 1.84 | 0.06 | 1.05 | 19 | 90 | 0 | 0 | 0 | 0 | 2 | 10 | 0 | 0 | 0 | 0 | 19 | 2 |
| 20 | Munger | 9 | 0.2 | 4.95 | 0.01 | 1.47 | 5 | 56 | 0 | 0 | 1 | 11 | 3 | 33 | 0 | 0 | 0 | 0 | 6 | 3 |
| 21 | Muzaffarpur | 21 | 0.1 | 2.02 | 0.02 | 2.2 | 12 | 57 | 1 | 5 | 0 | 0 | 7 | 33 | 1 | 5 | 0 | 0 | 13 | 8 |
| 22 | Nalanda | 31 | 0.05 | 4.57 | 0.09 | 1.87 | 13 | 42 | 5 | 16 | 2 | 6 | 11 | 35 | 0 | 0 | 0 | 0 | 20 | 11 |
| 23 | Nawada | 8 | 0.05 | 1.66 | 0.15 | 0.26 | 6 | 75 | 0 | 0 | 0 | 0 | 2 | 25 | 0 | 0 | 0 | 0 | 6 | 2 |
| 24 | W Champaran | 11 | 0.01 | 0.82 | 0.01 | 1.64 | 3 | 27 | 0 | 0 | 0 | 0 | 6 | 55 | 0 | 0 | 0 | 0 | 3 | 6 |
| 25 | Patna | 19 | 0.09 | 2.04 | 0.12 | 2.47 | 6 | 32 | 1 | 5 | 0 | 0 | 11 | 58 | 1 | 5 | 0 | 0 | 7 | 12 |
| 26 | E Champaran | 16 | 0.06 | 1.27 | 0.12 | 0.92 | 11 | 69 | 0 | 0 | 0 | 0 | 5 | 31 | 0 | 0 | 0 | 0 | 11 | 5 |
| 27 | Purnia | 12 | 0.01 | 0.22 | 0.09 | 0.52 | 3 | 25 | 0 | 0 | 0 | 0 | 9 | 75 | 0 | 0 | 0 | 0 | 3 | 9 |
| 28 | Rohtas | 17 | 0.02 | 3.79 | 0.02 | 1.9 | 6 | 35 | 1 | 6 | 0 | 0 | 10 | 59 | 0 | 0 | 0 | 0 | 7 | 10 |
| 29 | Saharsa | 11 | 0.06 | 1.09 | 0.03 | 0.98 | 5 | 45 | 0 | 0 | 0 | 0 | 6 | 55 | 0 | 0 | 0 | 0 | 5 | 6 |
| 30 | Samastipur | 14 | 0.03 | 3.16 | 0.39 | 1.7 | 5 | 36 | 4 | 29 | 0 | 0 | 5 | 36 | 0 | 0 | 0 | 0 | 9 | 5 |
| 31 | Saran | 25 | 0.09 | 3.27 | 0.07 | 1 | 10 | 40 | 1 | 4 | 0 | 0 | 14 | 56 | 0 | 0 | 0 | 0 | 11 | 14 |
| 32 | Seikhpura | 6 | 0.2 | 6.9 | - | - | 3 | 50 | 2 | 33 | 1 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 |
| 33 | Sheohar | 2 | 0.68 | 0.74 | - | - | 2 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| 34 | Sitamarhi | 7 | 0.84 | 4.36 | 0.54 | 0.54 | 5 | 71 | 0 | 0 | 1 | 14 | 1 | 14 | 0 | 0 | 0 | 0 | 6 | 1 |
| 35 | Siwan | 16 | 0.18 | 1.35 | 0.15 | 1.12 | 7 | 44 | 0 | 0 | 0 | 0 | 9 | 56 | 0 | 0 | 0 | 0 | 7 | 9 |
| 36 | Supaul | 20 | 0.14 | 1.77 | 0.01 | 1.79 | 10 | 50 | 0 | 0 | 0 | 0 | 10 | 50 | 0 | 0 | 0 | 0 | 10 | 10 |
| 37 | Vaishali | 13 | 0.02 | 1.57 | 0.1 | 1.79 | 8 | 62 | 0 | 0 | 0 | 0 | 5 | 38 | 0 | 0 | 0 | 0 | 8 | 5 |
| | Total | 458 | 0.01 | 4.95 | 0.00 | 5.12 | 208 | 45 | 19 | 4 | 6 | 1 | 210 | 46 | 7 | 2 | 4 | 1 | 233 | 221 |

3.4 DECADAL FLUCTUATION

3.4.1 Decadal Mean of May to May 2014

Fluctuation in water level of May 2014 with respect to decadal mean of May has been analysed for 360 HNS, which indicates rise in 61% and rise in the remaining 39% of the analysed HNS. The rise in the tune of 0 – 2 m is observed in the 54% of the HNS analysed, spatially covers the 61% area of the State and occurs in the major and almost every part of the State. In only 10 HNS located in Bhagalpur, Bhojpur, Buxar, Jamui, Kaimur, Katihar, Patna Rohtas and Saran has shown rise in the tune of 2-4 m. About 4% area including the part of Siwan, Bhojpur, Patna, Aurangabad, Gaya, Nawada, Sheikhpur, Jamui, Munger Banka has recorded rise more than 4m.

About 33% area of the State has shown fall in water level less than 2 m whereas the segment of 2 – 4 m observed in only 2% area of the State coverd the part of Samastipur, Kaimur, Jamui and Bhagalpur district . Only one well located in Bhagalpur district has shown fall in water level more than 4m. (**Fig. 15, Table 16**).

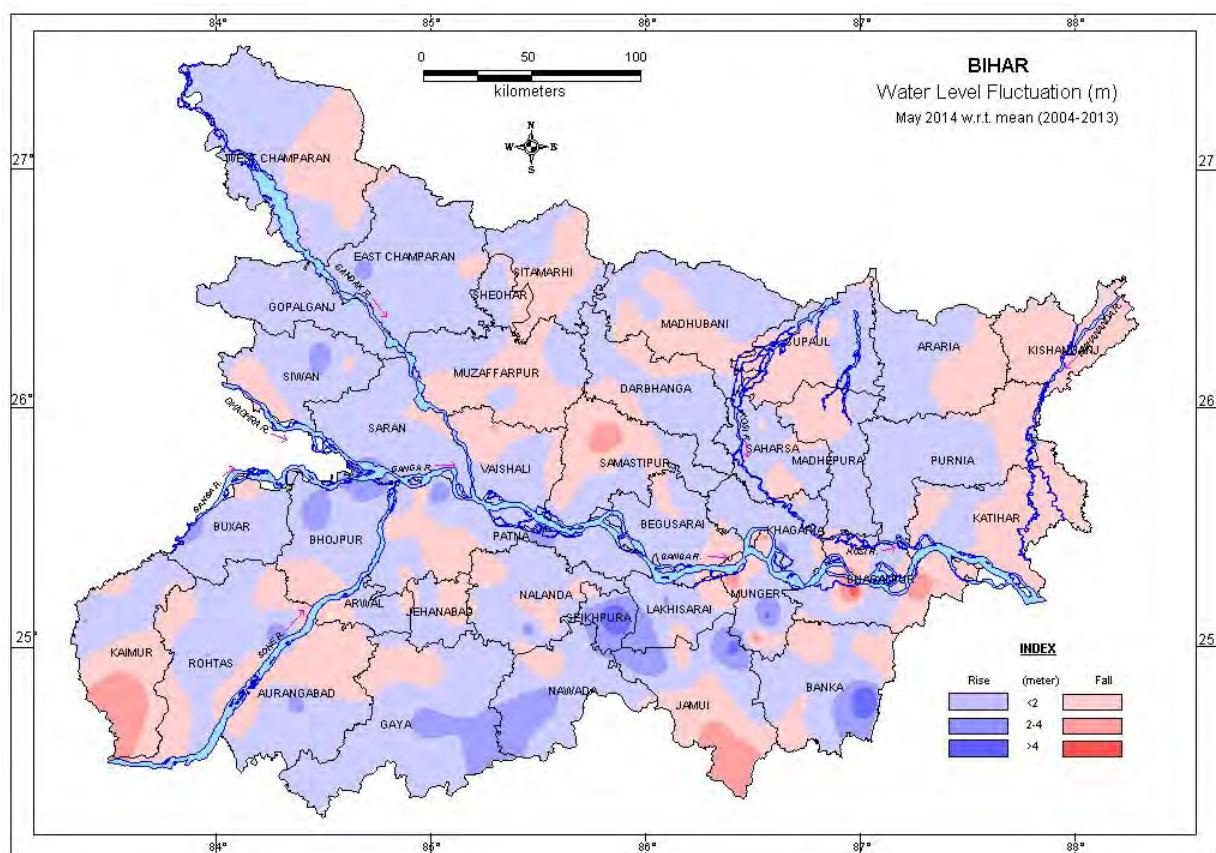


Fig. 15 Fluctuation in water level between May (mean) and May 2014.

Table – 16 District-wise categorization of fluctuation and their frequency of water levels of HNS of **May 2014 w.r.t. May mean (2004-2013)** for Bihar State

| SN | District Name | No. of well analysed | Range of fluctuation (m) | | | | No. of well/percentage showing fluctuation | | | | | | | | | | Total No. of well | | | |
|----|---------------|----------------------|--------------------------|-------------|-------------|-------------|--------------------------------------------|-----------|-----------|----------|----------|----------|------------|-----------|-----------|----------|-------------------|----------|------------|------------|
| | | | Rise (m) | | Fall (m) | | Rise | | | | | Fall | | | | | | | | |
| | | | Min | Max | Min | Max | < 2m | % | 2-4 m | % | > 4m | % | < 2m | % | 2-4m | % | > 4m | % | Rise | Fall |
| 1 | Araria | 4 | 0.61 | 1.06 | 0.29 | 1.05 | 2 | 50 | 0 | 0 | 0 | 0 | 2 | 50 | 0 | 0 | 0 | 0 | 2 | 2 |
| 2 | Aurangabad | 9 | 0.89 | 2.59 | 0.33 | 2.02 | 4 | 44 | 1 | 11 | 0 | 0 | 3 | 33 | 1 | 11 | 0 | 0 | 5 | 4 |
| 3 | Banka | 11 | 0.2 | 5.08 | 0.16 | 0.68 | 4 | 36 | 0 | 0 | 1 | 9 | 6 | 55 | 0 | 0 | 0 | 0 | 5 | 6 |
| 4 | Begusarai | 15 | 0.09 | 1.81 | 0.23 | 1.01 | 10 | 67 | 0 | 0 | 0 | 0 | 4 | 27 | 0 | 0 | 0 | 0 | 10 | 4 |
| 5 | Bhagalpur | 12 | 0.18 | 1.73 | 0.06 | 5.06 | 8 | 67 | 0 | 0 | 0 | 0 | 2 | 17 | 1 | 8 | 1 | 8 | 8 | 4 |
| 6 | Bhojpur | 8 | 0.82 | 3.48 | 0.53 | 0.53 | 5 | 63 | 2 | 25 | 0 | 0 | 1 | 13 | 0 | 0 | 0 | 0 | 7 | 1 |
| 7 | Buxar | 5 | 0.32 | 2.79 | 0.35 | 0.35 | 3 | 60 | 1 | 20 | 0 | 0 | 1 | 20 | 0 | 0 | 0 | 0 | 4 | 1 |
| 8 | Darbhanga | 6 | 0.26 | 0.88 | 0.31 | 0.98 | 4 | 67 | 0 | 0 | 0 | 0 | 2 | 33 | 0 | 0 | 0 | 0 | 4 | 2 |
| 9 | Gaya | 7 | 0.61 | 2.92 | 0.71 | 0.71 | 3 | 43 | 2 | 29 | 0 | 0 | 1 | 14 | 0 | 0 | 0 | 0 | 5 | 1 |
| 10 | Gopalganj | 11 | 0.24 | 1.75 | 0 | 0.08 | 8 | 73 | 0 | 0 | 0 | 0 | 3 | 27 | 0 | 0 | 0 | 0 | 8 | 3 |
| 11 | Jamui | 10 | 0.28 | 4.68 | 0.21 | 3.12 | 2 | 20 | 1 | 10 | 1 | 10 | 4 | 40 | 2 | 20 | 0 | 0 | 4 | 6 |
| 12 | Jehanabad | 8 | 0.14 | 2.13 | 0.89 | 1.38 | 5 | 63 | 1 | 13 | 0 | 0 | 2 | 25 | 0 | 0 | 0 | 0 | 6 | 2 |
| 13 | Kaimur | 7 | 0.17 | 2.04 | 0.65 | 3.04 | 3 | 43 | 1 | 14 | 0 | 0 | 2 | 29 | 1 | 14 | 0 | 0 | 4 | 3 |
| 14 | Katihar | 15 | 0.05 | 1.88 | 0.09 | 1.37 | 4 | 27 | 0 | 0 | 0 | 0 | 10 | 67 | 0 | 0 | 0 | 0 | 4 | 10 |
| 15 | Khagaria | 11 | 0.15 | 2.75 | 0.06 | 0.17 | 8 | 73 | 1 | 9 | 0 | 0 | 2 | 18 | 0 | 0 | 0 | 0 | 9 | 2 |
| 16 | Kishanganj | 3 | - | - | 0.13 | 1.03 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 100 | 0 | 0 | 0 | 0 | 0 | 3 |
| 17 | Lakhisarai | 3 | 0.74 | 2.31 | 0.01 | 0.01 | 1 | 33 | 1 | 33 | 0 | 0 | 1 | 33 | 0 | 0 | 0 | 0 | 2 | 1 |
| 18 | Madhepura | 7 | 0.33 | 0.97 | 0.75 | 1.47 | 5 | 71 | 0 | 0 | 0 | 0 | 2 | 29 | 0 | 0 | 0 | 0 | 5 | 2 |
| 19 | Madhubani | 13 | 0.13 | 0.72 | 0.08 | 1.19 | 6 | 46 | 0 | 0 | 0 | 0 | 7 | 54 | 0 | 0 | 0 | 0 | 6 | 7 |
| 20 | Munger | 9 | 0.87 | 4.4 | 0.32 | 2.97 | 3 | 33 | 0 | 0 | 1 | 11 | 2 | 22 | 3 | 33 | 0 | 0 | 4 | 5 |
| 21 | Muzaffarpur | 13 | 0.08 | 1.86 | 0.24 | 0.82 | 6 | 46 | 0 | 0 | 0 | 0 | 7 | 54 | 0 | 0 | 0 | 0 | 6 | 7 |
| 22 | Nalanda | 27 | 0.01 | 3.24 | 0.14 | 1.9 | 16 | 59 | 2 | 7 | 0 | 0 | 9 | 33 | 0 | 0 | 0 | 0 | 18 | 9 |
| 23 | Nawada | 7 | 0.39 | 2.72 | 1.46 | 1.46 | 5 | 71 | 1 | 14 | 0 | 0 | 1 | 14 | 0 | 0 | 0 | 0 | 6 | 1 |
| 24 | W Champaran | 6 | 0.49 | 1.45 | 0.45 | 0.56 | 4 | 67 | 0 | 0 | 0 | 0 | 2 | 33 | 0 | 0 | 0 | 0 | 4 | 2 |
| 25 | Patna | 20 | 0.14 | 3.37 | 0.03 | 1.56 | 10 | 50 | 2 | 10 | 0 | 0 | 7 | 35 | 0 | 0 | 0 | 0 | 12 | 7 |
| 26 | E Champaran | 15 | 0.38 | 3.11 | 0.03 | 0.23 | 11 | 73 | 1 | 7 | 0 | 0 | 2 | 13 | 0 | 0 | 0 | 0 | 12 | 2 |
| 27 | Purnia | 8 | 0.07 | 0.84 | 0.02 | 0.62 | 5 | 63 | 0 | 0 | 0 | 0 | 3 | 38 | 0 | 0 | 0 | 0 | 5 | 3 |
| 28 | Rohtas | 13 | 0.1 | 3.06 | 0.03 | 2.03 | 6 | 46 | 2 | 15 | 0 | 0 | 4 | 31 | 1 | 8 | 0 | 0 | 8 | 5 |
| 29 | Saharsa | 11 | 0.35 | 0.99 | 0.08 | 0.67 | 7 | 64 | 0 | 0 | 0 | 0 | 4 | 36 | 0 | 0 | 0 | 0 | 7 | 4 |
| 30 | Samastipur | 10 | 0.56 | 1.34 | 0.17 | 2.7 | 3 | 30 | 0 | 0 | 0 | 0 | 6 | 60 | 1 | 10 | 0 | 0 | 3 | 7 |
| 31 | Saran | 13 | 0.15 | 3.64 | 0.02 | 0.02 | 10 | 77 | 1 | 8 | 0 | 0 | 2 | 15 | 0 | 0 | 0 | 0 | 11 | 2 |
| 32 | Seikhpura | 5 | 0.03 | 5.26 | 0.44 | 0.81 | 1 | 20 | 0 | 0 | 1 | 20 | 3 | 60 | 0 | 0 | 0 | 0 | 2 | 3 |
| 33 | Sheohar | 1 | 0.33 | 0.33 | - | - | 1 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 34 | Sitamarhi | 7 | 0.02 | 1.18 | 0.07 | 0.55 | 3 | 43 | 0 | 0 | 0 | 0 | 4 | 57 | 0 | 0 | 0 | 0 | 3 | 4 |
| 35 | Siwan | 10 | 0.06 | 3.39 | 0.18 | 1.17 | 7 | 70 | 1 | 10 | 0 | 0 | 2 | 20 | 0 | 0 | 0 | 0 | 8 | 2 |
| 36 | Supaul | 13 | 0.06 | 0.59 | 0.03 | 1.22 | 6 | 46 | 0 | 0 | 0 | 0 | 7 | 54 | 0 | 0 | 0 | 0 | 6 | 7 |
| 37 | Vaishali | 7 | 0.16 | 1.06 | 0.19 | 2.09 | 4 | 57 | 0 | 0 | 0 | 0 | 1 | 14 | 2 | 29 | 0 | 0 | 4 | 3 |
| | Total | 360 | 0.33 | 0.89 | 0.00 | 5.06 | 193 | 54 | 21 | 6 | 4 | 1 | 124 | 34 | 12 | 3 | 1 | 0 | 218 | 137 |

3.4.2 Decadal Mean of August to August 2014

Fluctuation in water level of August 2014 with respect to decadal mean of August has been analysed for 393 HNS, which shows rise in water level in the 66% of HNS and fall in the remaining 34% of HNS. The rise in the range of 0 – 2 m has been observed in 53% of the HNS, spatially covers the major area in NBP and localised area in SBP. The range of 2 to 4 m rise has been recorded in the central part of SBP and as patches at many locations. Total 10 well including 7 well located in Nalanda district has shown rise in water level more than 4m.

About 31 % area of the State has shown fall of water level in the range of 0 to 2m covering the area in northwsatern part and southwestern part of the State also observed as patches at many locations. The range of 2 – 4 m has been observed as patches in about 3% area of the State including the part of Kaimur, Rohtas, Bhagalpur, Katihar and Purnia district. The fall of water level more than 4m has been recorded only in one wells located in Bhagalpur district. (**Fig. 16, Table 17**).

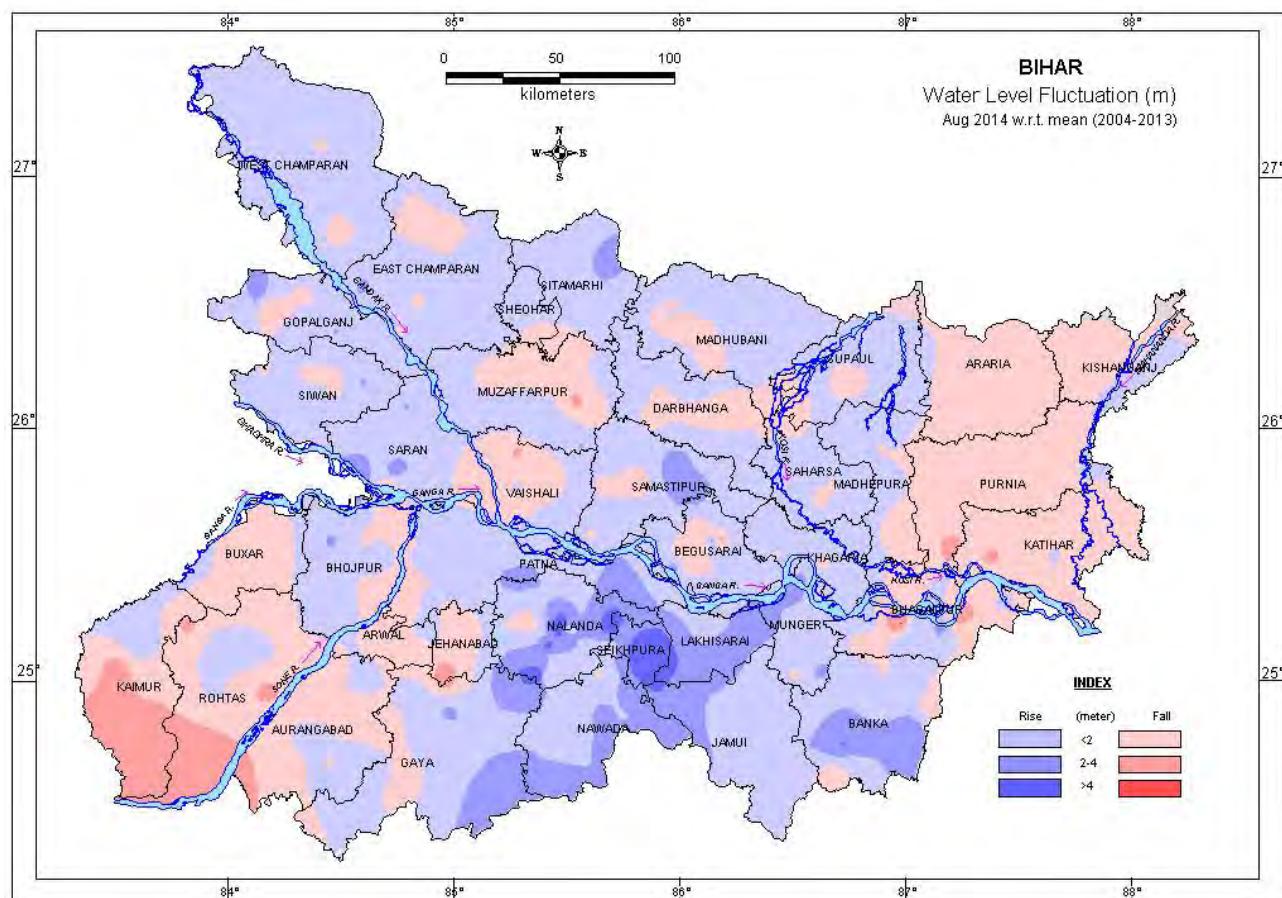


Fig. 16 Fluctuation in water level between Aug. (mean) and Aug. 2014

Table – 17 District-wise categorization of fluctuation and their frequency of water levels of HNS of Aug. 2014 w.r.t. Aug. mean (2004-2013) for Bihar State

| SN | District Name | No. of well analysed | Range of fluctuation (m) | | | | No. of well/percentage showing fluctuation | | | | | | | | | | | | Total No. of well | |
|--------------|-------------------|----------------------|--------------------------|-------------|-------------|-------------|--------------------------------------------|-----------|-----------|-----------|-----------|----------|------------|-----------|-----------|----------|----------|----------|-------------------|------------|
| | | | Rise (m) | | Fall (m) | | Rise | | | | | | Fall | | | | | | | |
| | | | Min | Max | Min | Max | < 2m | % | 2-4 m | % | > 4m | % | < 2m | % | 2-4m | % | > 4m | % | Rise | Fall |
| 1 | Araria | 4 | - | - | 0.45 | 0.81 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 100 | 0 | 0 | 0 | 0 | 0 | 4 |
| 2 | Aurangabad | 8 | 0.22 | 1.65 | 0.3 | 1.39 | 4 | 50 | 0 | 0 | 0 | 0 | 4 | 50 | 0 | 0 | 0 | 0 | 0 | 4 |
| 3 | Banka | 11 | 0.12 | 4.13 | 0.49 | 1.22 | 6 | 55 | 1 | 9 | 1 | 9 | 3 | 27 | 0 | 0 | 0 | 0 | 8 | 3 |
| 4 | Begusarai | 16 | 0.07 | 3.25 | 0.02 | 2.68 | 8 | 50 | 2 | 13 | 0 | 0 | 5 | 31 | 1 | 6 | 0 | 0 | 10 | 6 |
| 5 | Bhagalpur | 12 | 0.33 | 2.27 | 0.46 | 4.08 | 7 | 58 | 1 | 8 | 0 | 0 | 2 | 17 | 1 | 8 | 1 | 8 | 8 | 4 |
| 6 | Bhoipur | 9 | 0.17 | 2.25 | 0.55 | 0.81 | 5 | 56 | 1 | 11 | 0 | 0 | 3 | 33 | 0 | 0 | 0 | 0 | 6 | 3 |
| 7 | Buxar | 6 | 0.04 | 0.85 | 0.08 | 1.65 | 2 | 33 | 0 | 0 | 0 | 0 | 4 | 67 | 0 | 0 | 0 | 0 | 2 | 4 |
| 8 | Darbhanga | 7 | 0.32 | 1.33 | 0.05 | 0.4 | 4 | 57 | 0 | 0 | 0 | 0 | 3 | 43 | 0 | 0 | 0 | 0 | 4 | 3 |
| 9 | Gaya | 10 | 0.02 | 2.97 | 0.48 | 2.82 | 6 | 60 | 2 | 20 | 0 | 0 | 1 | 10 | 1 | 10 | 0 | 0 | 8 | 2 |
| 10 | Gopalganj | 11 | 0.07 | 2.38 | 0.17 | 1.39 | 7 | 64 | 2 | 18 | 0 | 0 | 2 | 18 | 0 | 0 | 0 | 0 | 9 | 2 |
| 11 | Jamui | 9 | 0.08 | 2.7 | - | - | 7 | 78 | 2 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 |
| 12 | Jehanabad & Arwal | 6 | 1.08 | 1.08 | 0.45 | 1.78 | 1 | 17 | 0 | 0 | 0 | 0 | 5 | 83 | 0 | 0 | 0 | 0 | 1 | 5 |
| 13 | Kaimur | 8 | 0.1 | 1.82 | 0.44 | 3.42 | 4 | 50 | 0 | 0 | 0 | 0 | 2 | 25 | 2 | 25 | 0 | 0 | 4 | 4 |
| 14 | Katihar | 14 | 0.19 | 0.53 | 0.02 | 2.36 | 3 | 21 | 0 | 0 | 0 | 0 | 10 | 71 | 1 | 7 | 0 | 0 | 3 | 11 |
| 15 | Khagaria | 13 | 0.05 | 1.63 | 0.61 | 0.88 | 10 | 77 | 0 | 0 | 0 | 0 | 3 | 23 | 0 | 0 | 0 | 0 | 10 | 3 |
| 16 | Kishanganj | 3 | 0.29 | 0.42 | 1.23 | 1.23 | 2 | 67 | 0 | 0 | 0 | 0 | 1 | 33 | 0 | 0 | 0 | 0 | 2 | 1 |
| 17 | Lakhisarai | 3 | 0.97 | 3.44 | - | - | 1 | 33 | 2 | 67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 |
| 18 | Madhepura | 7 | 0.17 | 0.44 | 0.12 | 0.64 | 3 | 43 | 0 | 0 | 0 | 0 | 4 | 57 | 0 | 0 | 0 | 0 | 3 | 4 |
| 19 | Madhubani | 16 | 0.11 | 1.71 | 0.1 | 1.45 | 9 | 56 | 0 | 0 | 0 | 0 | 6 | 38 | 0 | 0 | 0 | 0 | 9 | 6 |
| 20 | Munger | 9 | 0.16 | 2.59 | 0.29 | 0.29 | 5 | 56 | 3 | 33 | 0 | 0 | 1 | 11 | 0 | 0 | 0 | 0 | 8 | 1 |
| 21 | Muzaffarpur | 19 | 0.21 | 2.13 | 0.12 | 2.37 | 12 | 63 | 1 | 5 | 0 | 0 | 5 | 26 | 1 | 5 | 0 | 0 | 13 | 6 |
| 22 | Nalanda | 28 | 0.14 | 6.43 | 0.04 | 1.96 | 9 | 32 | 8 | 29 | 7 | 25 | 4 | 14 | 0 | 0 | 0 | 0 | 24 | 4 |
| 23 | Nawada | 7 | 0.79 | 3.64 | 0.24 | 0.24 | 3 | 43 | 3 | 43 | 0 | 0 | 1 | 14 | 0 | 0 | 0 | 0 | 6 | 1 |
| 24 | W Champaran | 10 | 0.15 | 1.95 | 0.36 | 0.5 | 8 | 80 | 0 | 0 | 0 | 0 | 2 | 20 | 0 | 0 | 0 | 0 | 8 | 2 |
| 25 | Patna | 17 | 0.02 | 2.96 | 0.16 | 1.29 | 12 | 71 | 2 | 12 | 0 | 0 | 3 | 18 | 0 | 0 | 0 | 0 | 14 | 3 |
| 26 | E Champaran | 23 | 0.05 | 2.38 | 0.04 | 1.46 | 17 | 74 | 1 | 4 | 0 | 0 | 5 | 22 | 0 | 0 | 0 | 0 | 18 | 5 |
| 27 | Purnia | 9 | 0.05 | 0.1 | 0.01 | 3.07 | 2 | 22 | 0 | 0 | 0 | 0 | 6 | 67 | 1 | 11 | 0 | 0 | 2 | 7 |
| 28 | Rohtas | 17 | 0.69 | 1.69 | 0.02 | 3.59 | 3 | 18 | 0 | 0 | 0 | 0 | 11 | 65 | 3 | 18 | 0 | 0 | 3 | 14 |
| 29 | Saharsa | 10 | 0.03 | 1.5 | 0.07 | 0.81 | 7 | 70 | 0 | 0 | 0 | 0 | 2 | 20 | 0 | 0 | 0 | 0 | 7 | 2 |
| 30 | Samastipur | 11 | 0.12 | 3.99 | 0.03 | 1.68 | 6 | 55 | 2 | 18 | 0 | 0 | 3 | 27 | 0 | 0 | 0 | 0 | 8 | 3 |
| 31 | Saran | 13 | 0.11 | 3.98 | 0.21 | 1.63 | 7 | 54 | 3 | 23 | 0 | 0 | 3 | 23 | 0 | 0 | 0 | 0 | 10 | 3 |
| 32 | Seikhpura | 6 | 1.41 | 7.27 | - | - | 2 | 33 | 2 | 33 | 2 | 33 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 |
| 33 | Sheohar | 1 | 0.1 | 0.1 | - | - | 1 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 34 | Sitamarhi | 7 | 0.01 | 2.78 | - | - | 6 | 86 | 1 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 |
| 35 | Siwan | 11 | 0.02 | 2.26 | 0.07 | 0.31 | 7 | 64 | 1 | 9 | 0 | 0 | 3 | 27 | 0 | 0 | 0 | 0 | 8 | 3 |
| 36 | Supaul | 15 | 0.09 | 0.77 | 0 | 0.9 | 9 | 60 | 0 | 0 | 0 | 0 | 6 | 40 | 0 | 0 | 0 | 0 | 9 | 6 |
| 37 | Vaishali | 7 | 0.16 | 0.7 | 0.2 | 2.25 | 3 | 43 | 0 | 0 | 0 | 0 | 3 | 43 | 1 | 14 | 0 | 0 | 3 | 4 |
| Total | | 393 | 0.10 | 1.41 | 0.00 | 4.08 | 208 | 53 | 40 | 10 | 10 | 3 | 120 | 31 | 12 | 3 | 1 | 0 | 258 | 133 |

3.4.3 Decadal Mean of November to November 2014

Fluctuation in water level of November 2014 with respect to decadal mean of November has been analysed for 391 HNS, which shows rise in water level ranged from 0.25 to 5.99 m in 57% of the HNS and fall in the remaining 43 % of HNS. The rise in the range of 0 – 2 m, 2 – 4 m and >4m has been observed in the 50% 5% and 2% respectively. The rise up to 2m has been observed in 51% area and spread in almost every part State.

The fall is 38% and 4% of HNS in the range of 0-2 and 2-4 m respectively. The fall in water level >4 m has been observed in only two stations located in Aurangabad and Munger district. The fall of water level ranged from 0 to 2 m has been shown by 38% area of the State covers the major and bordering areaof Muzaffarpur, Samastipur, Araria, Kishanganj, Purnia Katihar, Bhagalpur, Jamui, Lakhisarai, Aurangabad, Arwal, Jehanabad, Nalanda, Rohtas, Kaimur, Buxar district and as patches at many locations. (**Fig. 17, Table 18**).

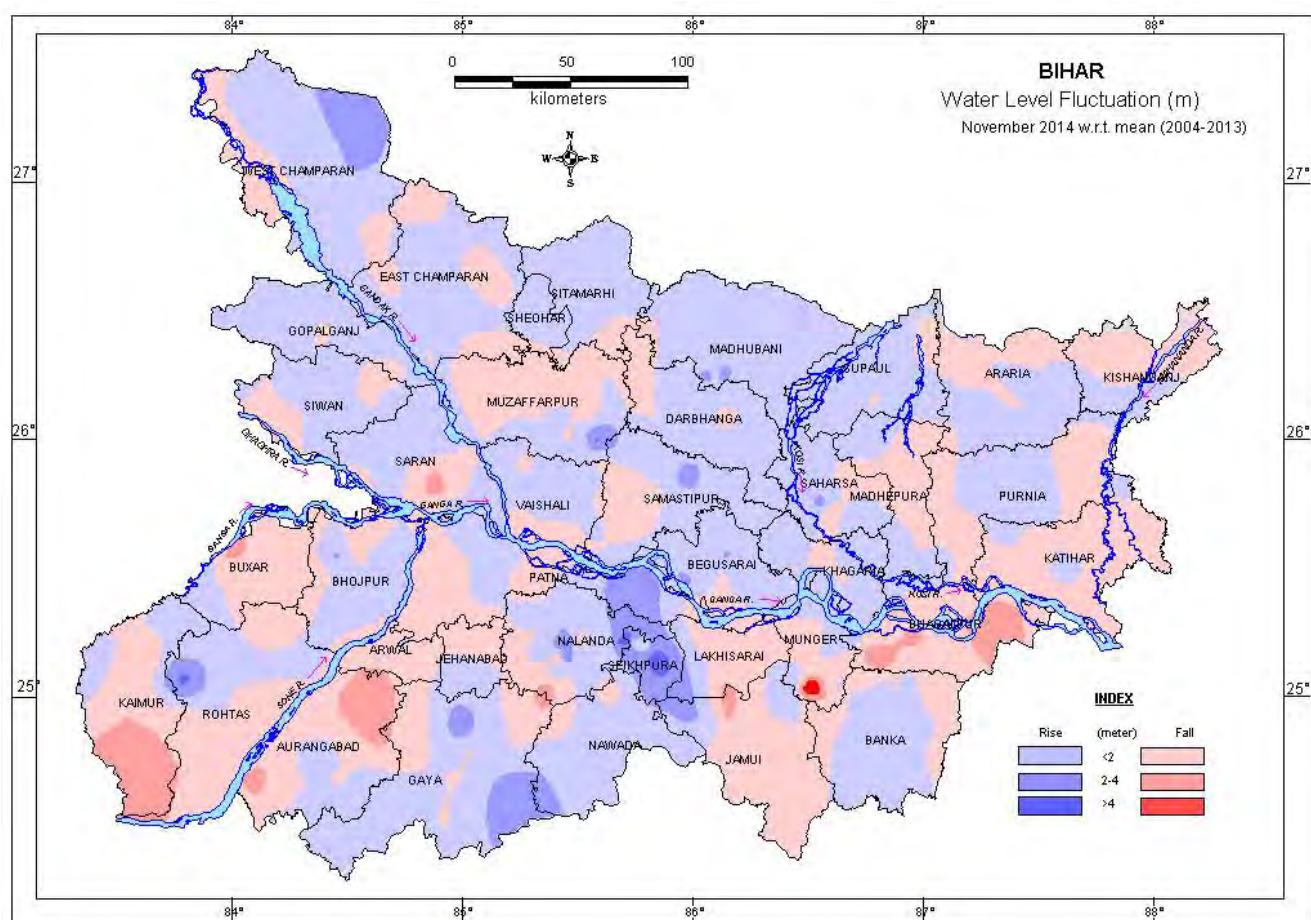


Fig. 17 Fluctuation in water level between Nov. (mean) and Nov. 2014

Table – 18 District-wise categorization of fluctuation and their frequency of water levels of HNS of Nov. 2014 w.r.t. Nov. mean (2004-2013) for Bihar State

| SN | District Name | No. of well analysed | Range of fluctuation (m) | | | | No. of well/percentage showing fluctuation | | | | | | | | Total No. of well | | | | | |
|--------------|-------------------|----------------------|--------------------------|-------------|-------------|-------------|--------------------------------------------|-----------|-----------|----------|----------|----------|------------|-----------|-------------------|----------|----------|----------|------------|------------|
| | | | Rise (m) | | Fall (m) | | Rise | | | | Fall | | | | | | | | | |
| | | | Min | Max | Min | Max | < 2m | % | 2-4 m | % | > 4m | % | < 2m | % | 2-4m | % | > 4m | % | Rise | Fall |
| 1 | Araria | 4 | 0.57 | 0.57 | 0.01 | 0.04 | 1 | 25 | 0 | 0 | 0 | 0 | 3 | 75 | 0 | 0 | 0 | 0 | 1 | 3 |
| 2 | Aurangabad | 12 | 0.02 | 1.53 | 0.38 | 5.48 | 4 | 33 | 0 | 0 | 0 | 0 | 4 | 33 | 3 | 25 | 1 | 8 | 4 | 8 |
| 3 | Banka | 11 | 0.02 | 1.44 | 0.07 | 1.24 | 7 | 64 | 0 | 0 | 0 | 0 | 4 | 36 | 0 | 0 | 0 | 0 | 7 | 4 |
| 4 | Begusarai | 15 | 0.16 | 2.85 | 0.66 | 0.84 | 9 | 60 | 4 | 27 | 0 | 0 | 2 | 13 | 0 | 0 | 0 | 0 | 13 | 2 |
| 5 | Bhagalpur | 11 | 0.05 | 0.86 | 0.35 | 3.87 | 2 | 18 | 0 | 0 | 0 | 0 | 5 | 45 | 3 | 27 | 0 | 0 | 2 | 8 |
| 6 | Bhojpur | 8 | 0.61 | 2.25 | 0.03 | 2.23 | 4 | 50 | 1 | 13 | 0 | 0 | 2 | 25 | 1 | 13 | 0 | 0 | 5 | 3 |
| 7 | Buxar | 6 | 0.22 | 0.58 | 0.14 | 2.83 | 2 | 33 | 0 | 0 | 0 | 0 | 3 | 50 | 1 | 17 | 0 | 0 | 2 | 4 |
| 8 | Darbhanga | 6 | 0.05 | 1.15 | 0.14 | 0.7 | 4 | 67 | 0 | 0 | 0 | 0 | 2 | 33 | 0 | 0 | 0 | 0 | 4 | 2 |
| 9 | Gava | 9 | 0 | 3.22 | 0.06 | 0.17 | 2 | 22 | 2 | 22 | 0 | 0 | 5 | 56 | 0 | 0 | 0 | 0 | 4 | 5 |
| 10 | Gopalganj | 11 | 0.08 | 1.28 | 0.68 | 0.68 | 10 | 91 | 0 | 0 | 0 | 0 | 1 | 9 | 0 | 0 | 0 | 0 | 10 | 1 |
| 11 | Jamui | 10 | 0.11 | 1.59 | 0.45 | 2.69 | 3 | 30 | 0 | 0 | 0 | 0 | 5 | 50 | 2 | 20 | 0 | 0 | 3 | 7 |
| 12 | Jehanabad & Arwal | 7 | 0.17 | 1.06 | 0.39 | 2.15 | 2 | 29 | 0 | 0 | 0 | 0 | 4 | 57 | 1 | 14 | 0 | 0 | 2 | 5 |
| 13 | Kaimur | 7 | 0.37 | 1.41 | 0.32 | 2.93 | 2 | 29 | 0 | 0 | 0 | 0 | 3 | 43 | 2 | 29 | 0 | 0 | 2 | 5 |
| 14 | Katihar | 15 | 0.09 | 0.25 | 0.05 | 1.02 | 5 | 33 | 0 | 0 | 0 | 0 | 10 | 67 | 0 | 0 | 0 | 0 | 5 | 10 |
| 15 | Khagaria | 13 | 0.31 | 1.99 | 0.18 | 1.06 | 8 | 62 | 0 | 0 | 0 | 0 | 5 | 38 | 0 | 0 | 0 | 0 | 8 | 5 |
| 16 | Kishanganj | 3 | 0.39 | 0.39 | 0.17 | 1.93 | 1 | 33 | 0 | 0 | 0 | 0 | 2 | 67 | 0 | 0 | 0 | 0 | 1 | 2 |
| 17 | Lakhisarai | 2 | - | - | 0.29 | 0.34 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 100 | 0 | 0 | 0 | 0 | 0 | 2 |
| 18 | Madhepura | 7 | 0.52 | 1.4 | 0.19 | 0.75 | 3 | 43 | 0 | 0 | 0 | 0 | 4 | 57 | 0 | 0 | 0 | 0 | 3 | 4 |
| 19 | Madhubani | 15 | 0.18 | 2.66 | - | - | 13 | 87 | 2 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 |
| 20 | Munger | 10 | 0.13 | 1.43 | 0.11 | 6.48 | 4 | 40 | 0 | 0 | 0 | 0 | 5 | 50 | 0 | 0 | 1 | 10 | 4 | 6 |
| 21 | Muzaffarpur | 19 | 0.05 | 4.18 | 0.19 | 2.12 | 7 | 37 | 0 | 0 | 1 | 5 | 10 | 53 | 1 | 5 | 0 | 0 | 8 | 11 |
| 22 | Nalanda | 27 | 0.01 | 4.48 | 0.12 | 3.51 | 12 | 44 | 3 | 11 | 2 | 7 | 9 | 33 | 1 | 4 | 0 | 0 | 17 | 10 |
| 23 | Nawada | 7 | 0.1 | 1.44 | 0.75 | 0.75 | 6 | 86 | 0 | 0 | 0 | 0 | 1 | 14 | 0 | 0 | 0 | 0 | 6 | 1 |
| 24 | W Champaran | 10 | 0.04 | 3.66 | 0.35 | 0.56 | 6 | 60 | 1 | 10 | 0 | 0 | 3 | 30 | 0 | 0 | 0 | 0 | 7 | 3 |
| 25 | Patna | 18 | 0.29 | 3 | 0.22 | 1.65 | 5 | 28 | 1 | 6 | 0 | 0 | 12 | 67 | 0 | 0 | 0 | 0 | 6 | 12 |
| 26 | E Champaran | 23 | 0.11 | 1.17 | 0.06 | 2.45 | 15 | 65 | 0 | 0 | 0 | 0 | 7 | 30 | 1 | 4 | 0 | 0 | 15 | 8 |
| 27 | Purnia | 7 | 0.09 | 0.8 | 0.66 | 1.88 | 5 | 71 | 0 | 0 | 0 | 0 | 2 | 29 | 0 | 0 | 0 | 0 | 5 | 2 |
| 28 | Rohtas | 17 | 0.42 | 4.49 | 0.19 | 1.82 | 7 | 41 | 0 | 0 | 1 | 6 | 9 | 53 | 0 | 0 | 0 | 0 | 8 | 9 |
| 29 | Saharsa | 11 | 0.11 | 2.63 | 0.07 | 0.77 | 5 | 45 | 1 | 9 | 0 | 0 | 5 | 45 | 0 | 0 | 0 | 0 | 6 | 5 |
| 30 | Samastipur | 11 | 0.04 | 2.92 | 0.09 | 1.55 | 6 | 55 | 1 | 9 | 0 | 0 | 4 | 36 | 0 | 0 | 0 | 0 | 7 | 4 |
| 31 | Saran | 13 | 0.01 | 2.04 | 0.25 | 3.07 | 9 | 69 | 1 | 8 | 0 | 0 | 2 | 15 | 1 | 8 | 0 | 0 | 10 | 3 |
| 32 | Seikhpura | 6 | 0.46 | 5.99 | 0.21 | 0.21 | 1 | 17 | 2 | 33 | 2 | 33 | 1 | 17 | 0 | 0 | 0 | 0 | 5 | 1 |
| 33 | Sheohar | 1 | 0.5 | 0.5 | - | - | 1 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 34 | Sitamarhi | 6 | 0.52 | 1.47 | - | - | 6 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 |
| 35 | Siwan | 12 | 0.1 | 1.02 | 0.01 | 1.45 | 7 | 58 | 0 | 0 | 0 | 0 | 5 | 42 | 0 | 0 | 0 | 0 | 7 | 5 |
| 36 | Supaul | 14 | 0.06 | 0.72 | 0.14 | 0.82 | 9 | 64 | 0 | 0 | 0 | 0 | 5 | 36 | 0 | 0 | 0 | 0 | 9 | 5 |
| 37 | Vaishali | 7 | 0.74 | 1.79 | 0.22 | 0.71 | 4 | 57 | 0 | 0 | 0 | 0 | 3 | 43 | 0 | 0 | 0 | 0 | 4 | 3 |
| Total | | 391 | 0.25 | 5.99 | 0.00 | 6.48 | 197 | 50 | 19 | 5 | 6 | 2 | 149 | 38 | 17 | 4 | 2 | 1 | 222 | 168 |

3.4.4 Decadal Mean of January to January 2015

Fluctuation in water level of January 2015 with respect to decadal mean of January has been analysed for 339 HNS. In 62% of the HNS, rise in water level is recorded and remaining 38% HNS fall in water level has been observed. The rise in the range of 0 – 2 m has been spread in 25% area of the State, and covered the part of every district of Bihar. The segment of 2-4m rise constituted 3% area of the State including the part of Rohtas, Saran, Sitamarhi, Patna, Sheikhpura, Gaya and Jamui district. Total 6 wells located in Aurangabad, Jamui, Rohtas Patna, Sheohar and Sitamarhi district have shown rise in water level more than 4m.

About 29% area of the State has shown fall as patches in the tune of 0 to 2 m including the part Kaimur, Rohtas, Aurangabad, Buxar, Katihar, Kishanganj, Araria, Purnia, muzaffarpur, darbhanga, Samastipur district. The segment of 2 to 4 m fall has been observed in a localised area of Kaimur, Rohtas, Aurangabad and Bhagalpur district. No well has shown fall in water level more than 4m. (**Fig. 18, Table 19**).

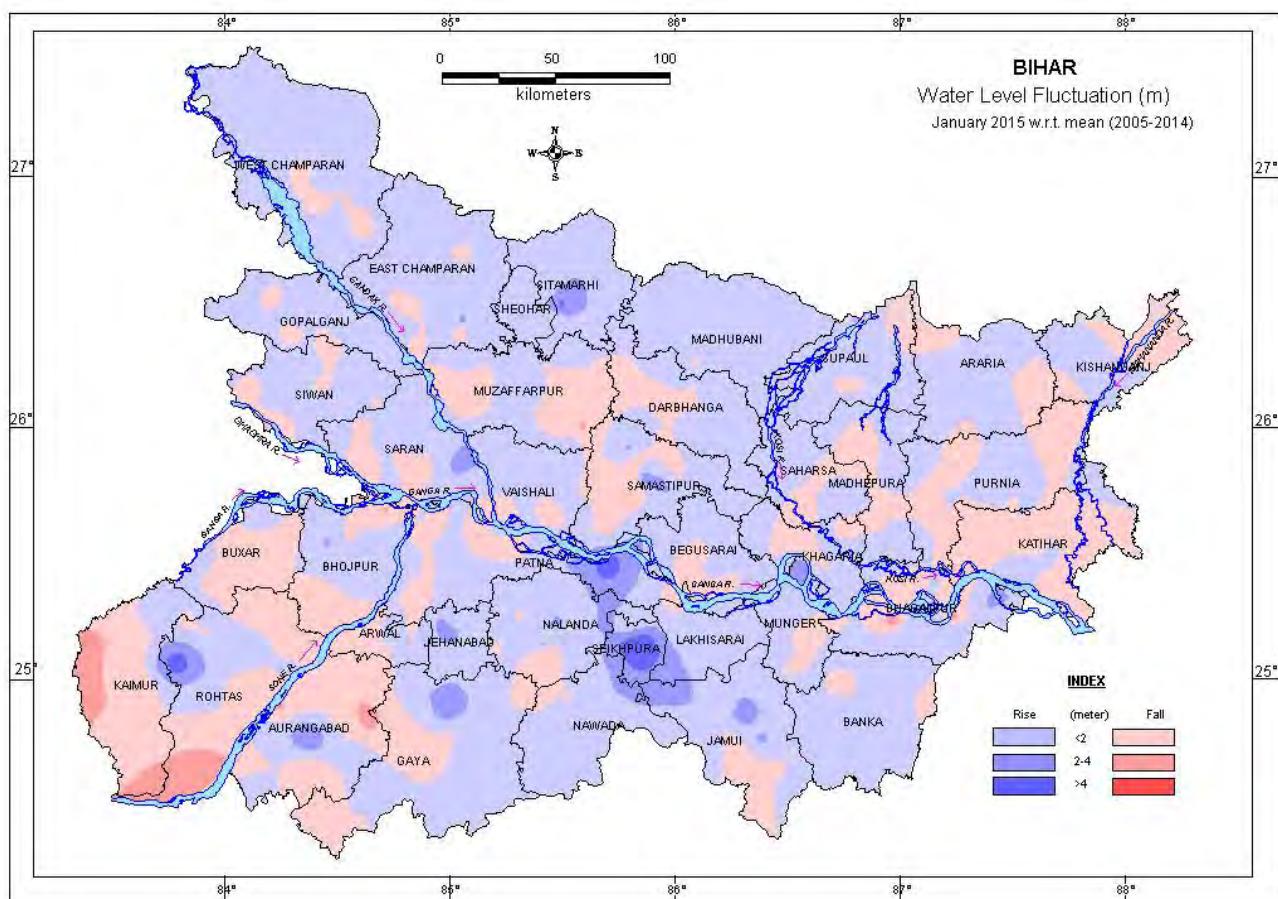


Fig. 18 Fluctuation in water level between Jan. (mean) and Jan. 2015

Table – 19 District-wise categorization of fluctuation and their frequency of water levels of HNS of **January 2015 w.r.t. January mean (2005-2014)** for Bihar State

| SN | District Name | No. of well analysed | Range of fluctuation (m) | | | | No. of well/percentage showing fluctuation | | | | | | | | | | | | Total No. of well | |
|--------------|-------------------|----------------------|--------------------------|-------------|-------------|-------------|--------------------------------------------|-----------|-----------|----------|----------|----------|------------|-----------|-----------|----------|----------|------------|-------------------|------|
| | | | Rise (m) | | Fall (m) | | Rise | | | | | | Fall | | | | | | | |
| | | | Min | Max | Min | Max | < 2m | % | 2-4 m | % | > 4m | % | < 2m | % | 2-4m | % | > 4m | % | Rise | Fall |
| 1 | Araria | 6 | 0.24 | 0.73 | 0.02 | 0.83 | 3 | 50 | 0 | 0 | 0 | 0 | 3 | 50 | 0 | 0 | 0 | 0 | 3 | 3 |
| 2 | Aurangabad | 13 | 0.97 | 4.04 | 0.04 | 2.92 | 3 | 23 | 0 | 0 | 1 | 8 | 6 | 46 | 3 | 23 | 0 | 0 | 4 | 9 |
| 3 | Banka | 12 | 0.37 | 1.88 | 0.01 | 0.8 | 9 | 75 | 0 | 0 | 0 | 0 | 3 | 25 | 0 | 0 | 0 | 0 | 9 | 3 |
| 4 | Begusarai | 15 | 0.18 | 2.08 | 0.27 | 0.78 | 10 | 67 | 1 | 7 | 0 | 0 | 4 | 27 | 0 | 0 | 0 | 0 | 11 | 4 |
| 5 | Bhagalpur | 14 | 0.18 | 2.66 | 0.26 | 3.32 | 8 | 57 | 1 | 7 | 0 | 0 | 3 | 21 | 2 | 14 | 0 | 0 | 9 | 5 |
| 6 | Bhoipur | 9 | 0.74 | 2.21 | 0.81 | 2.22 | 4 | 44 | 2 | 22 | 0 | 0 | 2 | 22 | 1 | 11 | 0 | 0 | 6 | 3 |
| 7 | Buxar | 6 | 1.39 | 1.55 | 0.11 | 1.03 | 2 | 33 | 0 | 0 | 0 | 0 | 4 | 67 | 0 | 0 | 0 | 0 | 2 | 4 |
| 8 | Darbhanga | 8 | 0.06 | 0.93 | 0.01 | 0.82 | 3 | 38 | 0 | 0 | 0 | 0 | 4 | 50 | 0 | 0 | 0 | 0 | 3 | 4 |
| 9 | Gaya | 12 | 0.04 | 3.95 | 0.04 | 0.93 | 8 | 67 | 1 | 8 | 0 | 0 | 3 | 25 | 0 | 0 | 0 | 0 | 9 | 3 |
| 10 | Gondwani | 14 | 0.04 | 0.77 | 0.11 | 0.51 | 9 | 64 | 0 | 0 | 0 | 0 | 5 | 36 | 0 | 0 | 0 | 0 | 9 | 5 |
| 11 | Jamui | 13 | 0.03 | 4.77 | 0.02 | 1.56 | 5 | 38 | 2 | 15 | 1 | 8 | 5 | 38 | 0 | 0 | 0 | 0 | 8 | 5 |
| 12 | Jehanabad & Arwal | 11 | 0.17 | 3.6 | 0.28 | 0.55 | 7 | 64 | 2 | 18 | 0 | 0 | 2 | 18 | 0 | 0 | 0 | 0 | 9 | 2 |
| 13 | Kaimur | 7 | 1.4 | 1.4 | 0.83 | 2.65 | 1 | 14 | 0 | 0 | 0 | 0 | 5 | 71 | 1 | 14 | 0 | 0 | 1 | 6 |
| 14 | Katihar | 16 | 0.03 | 0.3 | 0 | 2.19 | 4 | 25 | 0 | 0 | 0 | 0 | 11 | 69 | 1 | 6 | 0 | 0 | 4 | 12 |
| 15 | Khagaria | 13 | 0.15 | 1.63 | 0.18 | 1.17 | 7 | 54 | 0 | 0 | 0 | 0 | 6 | 46 | 0 | 0 | 0 | 0 | 7 | 6 |
| 16 | Kishanganj | 4 | 0.24 | 0.55 | 0.46 | 1.97 | 2 | 50 | 0 | 0 | 0 | 0 | 2 | 50 | 0 | 0 | 0 | 0 | 2 | 2 |
| 17 | Lakhisarai | 3 | 0.09 | 1.5 | - | - | 3 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 |
| 18 | Madhepura | 8 | 0.09 | 1.98 | 0.06 | 0.84 | 4 | 50 | 0 | 0 | 0 | 0 | 3 | 38 | 0 | 0 | 0 | 0 | 4 | 3 |
| 19 | Madhubani | 21 | 0.01 | 2 | 0.92 | 0.92 | 19 | 90 | 1 | 5 | 0 | 0 | 1 | 5 | 0 | 0 | 0 | 0 | 20 | 1 |
| 20 | Munger | 9 | 0.42 | 3.21 | 0.22 | 1.42 | 6 | 67 | 1 | 11 | 0 | 0 | 2 | 22 | 0 | 0 | 0 | 0 | 7 | 2 |
| 21 | Muzaffarpur | 21 | 0.16 | 1.66 | 0.02 | 2.2 | 10 | 48 | 0 | 0 | 0 | 0 | 9 | 43 | 2 | 10 | 0 | 0 | 10 | 11 |
| 22 | Nalanda | 31 | 0.05 | 3.2 | 0.04 | 1.79 | 16 | 52 | 6 | 19 | 0 | 0 | 9 | 29 | 0 | 0 | 0 | 0 | 22 | 9 |
| 23 | Nawada | 8 | 0.11 | 1.44 | 0.26 | 0.26 | 7 | 88 | 0 | 0 | 0 | 0 | 1 | 13 | 0 | 0 | 0 | 0 | 7 | 1 |
| 24 | W Champaran | 12 | 0.01 | 1.42 | 0 | 0.46 | 7 | 58 | 0 | 0 | 0 | 0 | 4 | 33 | 0 | 0 | 0 | 0 | 7 | 4 |
| 25 | Patna | 21 | 0.03 | 4.83 | 0.24 | 2.19 | 10 | 48 | 1 | 5 | 1 | 5 | 8 | 38 | 1 | 5 | 0 | 0 | 12 | 9 |
| 26 | E Champaran | 18 | 0.03 | 2.24 | 0.12 | 0.36 | 12 | 67 | 1 | 6 | 0 | 0 | 5 | 28 | 0 | 0 | 0 | 0 | 13 | 5 |
| 27 | Purnia | 12 | 0.02 | 1.22 | 0.03 | 1.35 | 4 | 33 | 0 | 0 | 0 | 0 | 8 | 67 | 0 | 0 | 0 | 0 | 4 | 8 |
| 28 | Rohtas | 17 | 0.33 | 5.15 | 0.02 | 2.47 | 6 | 35 | 0 | 0 | 1 | 6 | 9 | 53 | 1 | 6 | 0 | 0 | 7 | 10 |
| 29 | Saharsa | 11 | 0.04 | 1.16 | 0.03 | 0.8 | 7 | 64 | 0 | 0 | 0 | 0 | 4 | 36 | 0 | 0 | 0 | 0 | 7 | 4 |
| 30 | Samastipur | 15 | 0.1 | 3.16 | 0.05 | 1.24 | 4 | 27 | 4 | 27 | 0 | 0 | 7 | 47 | 0 | 0 | 0 | 0 | 8 | 7 |
| 31 | Saran | 25 | 0.09 | 3.27 | 0.13 | 0.88 | 12 | 48 | 2 | 8 | 0 | 0 | 11 | 44 | 0 | 0 | 0 | 0 | 14 | 11 |
| 32 | Seikhpura | 6 | 0.2 | 5.59 | - | - | 3 | 50 | 2 | 33 | 1 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 |
| 33 | Sheohar | 2 | 0.68 | 1.12 | - | - | 2 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| 34 | Sitamarhi | 8 | 0.37 | 4.36 | - | - | 7 | 88 | 0 | 0 | 1 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 |
| 35 | Siwan | 16 | 0.04 | 1.56 | 0.02 | 1.12 | 10 | 63 | 0 | 0 | 0 | 0 | 6 | 38 | 0 | 0 | 0 | 0 | 10 | 6 |
| 36 | Supaul | 20 | 0.05 | 1.77 | 0.02 | 1.06 | 13 | 65 | 0 | 0 | 0 | 0 | 7 | 35 | 0 | 0 | 0 | 0 | 13 | 7 |
| 37 | Vaishali | 13 | 0.01 | 1.96 | 0.21 | 1.02 | 10 | 77 | 0 | 0 | 0 | 0 | 3 | 23 | 0 | 0 | 0 | 0 | 10 | 3 |
| Total | | 470 | 0.30 | 1.40 | 0.00 | 3.32 | 257 | 55 | 27 | 6 | 6 | 1 | 165 | 35 | 12 | 3 | 0 | 290 | 177 | |

4. HYDROCHEMISTRY

In order to access the chemical quality of ground water of phreatic aquifers of Bihar 424 ground water samples have been collected during May 2014. The groundwater samples have been analysed in Chemical laboratory at CGWB, MER, Patna. The chemical analysis reveals that water is mildly alkaline in nature where the mean value of pH is 7.8. pH is more than 7 in almost all the sample analysed. The Electrical conductivities indicates that the ground water is having moderate salinity with mean value of 849.31 micromoh/cm at 25°C in comparison to previous year (2013), which is 837.00 micromoh/cm at 25°C . The range of EC is 93 to 4386 micromoh/cm at 25°C. The concentration of Nitrate ions remains same in both the year (2013 & 2014) ranged from traces to 393 mg/l. The Fluoride ion concentration also remains the same from the previous year -2013. Previous year the fluoride concentration was 3.25 mg/l in Banka district which is remains same but in different location (Timmurthy, Banka District). The water is mainly calcium-magnesium bicarbonate type.

Based on the data it can be inferred that ground water is by and large potable in nature and also suitable for irrigation purposes. In comparison to the last year (2013) there are no any major changes in chemical parameter of ground water samples has been observed. The results of the chemical analysis of the ground water samples are given in **Annexure II**.

5. RAINFALL DATA ANALYSIS

The study of rainfall data indicates that Bihar received normal rainfall during the monsoon period after a deficit rainfall in the previous year and same is reflected in the unconfined aquifer. (**Table 20**).

Table 20: Seasonwise actual and normal rainfall in Bihar in the year 2014

| STATE | WINTER SEASON | | | PRE-MONSOON SEASON | | | MONSOON SEASON | | | POST MONSOON SEASON | | | ANNUAL 2014 | | |
|-------|----------------------------|----------------------------|----------|----------------------------|----------------------------|----------|----------------------------|----------------------------|----------|----------------------------|----------------------------|----------|----------------------------|----------------------------|----------|
| | A C T U A L | N O R M A L | % DEP |
| BIHAR | 50.5 | 23 | 120 | 112.9 | 77.5 | 46 | 848.6 | 1027.6 | -17 | 49 | 77.5 | -37 | 1061 | 1205.6 | -12 |

Source: <http://www.imdpune.gov.in/annual%20summary%202014.pdf>

The depth to water level during Aug'14 revealed that 46% observation wells showed 0-2 m water level and also 46% wells analysed, showed 2-5 m depth to water level. The annual comparison indicates the rise of water level in 62% of the well, in which 52% of the wells analysed have shown rise in the range of 0-2 m. In the comparison of decadal August and August

'14 water levels, 66% of wells showed rise in water level in which the range of < 2m observed in 53% of the wells analysed.

Hence, the phreatic aquifer is in tune with the vagaries of normal rainfall.

6.0 TREND ANALYSIS DURING PRE AND POST MONSOON

Trend of the ground water level for the last ten year (2005-2014) have been analyzed. District wise percentage of well showing Rise, fall or no significant trend during Pre- Monsoon and Post Monsoon Season has been given in the Annexure – III. A total of 33 districts have shown long term water level trend more than 50% of the HNS is showing the falling trend during the Pre-monsoon period. The post monsoon data of Araria, Aurangabad, Banka, Bhagalpur, Gaya, Gopalganj, Jamui, Jehanabad, Katihar, Kishanganj, Lakhisarai, Madhepura, Munger, Muzaffarpur, Purnia, Saharsa, Samastipur, Sitamarhi districts are also showing falling trend in more than 50% of the HNS analysed.

Depth to Water level (m bgl) in various seasons**STATE : BIHAR**

| District | ARARIA | Year | Jan | May | Aug | Nov |
|----------|-----------------|------|------|------|------|------|
| | Araria | 2014 | | 4.58 | 3.02 | 3.33 |
| | Jan | 2015 | 3.91 | | | |
| | Bathnaha 1 | 2014 | | 4.14 | 3.27 | 3.03 |
| | | 2015 | 3.53 | | | |
| | Bathnaha badres | 2014 | | - | - | - |
| | | 2015 | - | | | |
| | Haripur | 2014 | | 3.2 | 2.97 | 1.9 |
| | | 2015 | 2.6 | | | |
| | Matiyari | 2014 | | 3.92 | 3.55 | 2.76 |
| | | 2015 | 3.21 | | | |
| | Jokihat1 | 2014 | | 3.37 | 2.12 | 1.71 |
| | | 2015 | 3.08 | | | |
| | Pallasi | 2014 | | 2.79 | 2.65 | 1.8 |
| | | 2015 | 2.2 | | | |
| District | AURANGABAD | | | | | |
| | Aurangabad | 2014 | | 4.68 | 1.12 | 1.64 |
| | | 2015 | 1.37 | | | |
| | Barun | 2014 | | - | - | - |
| | | 2015 | 9.74 | | | |
| | Narari Kala | 2014 | | 10.9 | - | 7.65 |
| | | 2015 | 7.81 | | | |
| | Daudnagar | 2014 | | 5.6 | 3.84 | 3.8 |
| | | 2015 | 4.67 | | | |
| | Deo1 | 2014 | | 5 | 3.37 | 3.5 |
| | | 2015 | 4.16 | | | |
| | Deohara goh | 2014 | | - | 3.44 | 9.9 |
| | | 2015 | 8.4 | | | |
| | Deonara | 2014 | | - | - | 9.9 |
| | | 2015 | 8.4 | | | |
| | Madanpur | 2014 | | 5.5 | 0.3 | 2.1 |
| | | 2015 | 2.38 | | | |
| | Pataya | 2014 | | 4.03 | 3.16 | 2.1 |
| | | 2015 | 3.4 | | | |
| | Dhanibar | 2014 | | 7.3 | - | 7.9 |
| | | 2015 | 8.46 | | | |
| | Nabinagar dbib | 2014 | | 3.26 | - | 1.2 |
| | | 2015 | 0.66 | | | |
| | Obra | 2014 | | 7.64 | 4.34 | 4.95 |
| | | 2015 | 5.36 | | | |
| | Rafiganj | 2014 | | 9 | 5.21 | 6.4 |
| | | 2015 | 8.25 | | | |
| | Tineri Morh | 2015 | - | | | |
| District | BANKA | | | | | |
| | Amarpur ps | 2014 | | 3.63 | 3.23 | 1.94 |
| | | 2015 | 3.32 | | | |
| | English More | 2014 | | 2.72 | 1.02 | 2.58 |
| | | 2015 | 2 | | | |
| | Rampur | 2014 | | 3.28 | 1.5 | 2.16 |
| | | 2015 | 1.9 | | | |

| | | | | | | |
|----------|---------------------|------|------|------|------|------|
| | Banka ps | 2014 | | 3.82 | 0.82 | 2.13 |
| | | 2015 | 2.8 | | | |
| | Barahat | 2014 | | 4.45 | 1.22 | 2.41 |
| | | 2015 | 2.53 | | | |
| | Baunsi | 2014 | | 3.69 | - | 3.84 |
| | | 2015 | 5.55 | | | |
| | Bausi pwdib | 2014 | | 3.08 | 1.55 | - |
| | | 2015 | 4.63 | | | |
| | Chandan | 2014 | | 7.88 | 3.02 | 4.15 |
| | | 2015 | 4.63 | | | |
| | Panjwara | 2014 | | 4.65 | 4.38 | 4.57 |
| | | 2015 | 4.43 | | | |
| | Katoria | 2014 | | 8.7 | 1.17 | 3.91 |
| | | 2015 | 4.86 | | | |
| | Rajaun ps | 2014 | | 7.7 | 3.68 | 4.33 |
| | | 2015 | 5.4 | | | |
| | Fulidumer | 2015 | - | | | |
| | Kharharia | 2014 | | 2.98 | - | - |
| | | 2015 | 3.13 | | | |
| | Mirjapur | 2015 | - | | | |
| | Sambhuganj | 2014 | | 4.73 | 1.74 | 2.7 |
| | | 2015 | 3 | | | |
| District | BEGUSARAI | : | | | | |
| | Baraun mile | 2014 | | 7.31 | 1.53 | 2.2 |
| | | 2015 | 5.72 | | | |
| | Kumharson | 2014 | | 8.35 | 3.03 | 3.18 |
| | | 2015 | 3.34 | | | |
| | Naya Nagar Dularpur | 2014 | | 5.71 | 1.93 | 2.59 |
| | | 2015 | 4.33 | | | |
| | Teghra | 2014 | | 8.43 | 3.02 | 3.35 |
| | | 2015 | 5.58 | | | |
| | Bagrash | 2014 | | 6.53 | 4.56 | 4.16 |
| | | 2015 | 5.82 | | | |
| | Bakhari_salauna | 2014 | | - | 3.3 | 3.76 |
| | | 2015 | 4.44 | | | |
| | Manjaul | 2014 | | 8.26 | 1.98 | 2.09 |
| | | 2015 | 4.99 | | | |
| | Begusarai | 2014 | | 6.61 | 1.6 | 1.95 |
| | | 2015 | 5.07 | | | |
| | Begusarai fc_ib | 2014 | | 4.99 | 2.3 | 3.99 |
| | | 2015 | 5.52 | | | |
| | Gopalpur | 2014 | | 6.87 | 2.53 | 3.07 |
| | | 2015 | 4.72 | | | |
| | Haridia | 2014 | | 4.39 | 2.03 | 2.94 |
| | | 2015 | 4.32 | | | |
| | Kaithma | 2014 | | - | 2.53 | 5.27 |
| | | 2015 | 5.83 | | | |
| | Matihani | 2014 | | 8.37 | 3.03 | - |
| | | 2015 | - | | | |
| | Mohanpur Usrai | 2014 | | 6.64 | 2.03 | 3.71 |
| | | 2015 | 5.92 | | | |
| | Pokharia | 2014 | | 6.96 | 2.12 | 4.38 |
| | | 2015 | 5.81 | | | |

| | | | | | | |
|----------|------------------|------|-------|-------|-------|------|
| | Aghara | 2015 | - | | | |
| | Cheriabariarpur | 2014 | | 7.07 | 5.91 | 5 |
| | | 2015 | 5.27 | | | |
| | Bintoli | 2014 | | 8.27 | 2.47 | 4.44 |
| | | 2015 | 5.72 | | | |
| District | BHAGALPUR | : | | | | |
| | Bihpur ib | 2014 | | 8.83 | - | - |
| | | 0 | 2015 | - | | |
| | Marwa | 2015 | - | | | |
| | Ghoga rly stn | 2014 | | 5.37 | 0.73 | 2.16 |
| | | 2015 | 2.2 | | | |
| | Harchandpur | 2014 | | 3.31 | 1.59 | 2.89 |
| | | 2015 | 2.04 | | | |
| | Jagnathpur | 2014 | | 3.18 | 6.09 | 7.3 |
| | | 2015 | 6.9 | | | |
| | Kahalgaon rlyco | 2014 | | 11.56 | 8.01 | 9.35 |
| | | 2015 | 10.76 | | | |
| | Madrauni Chowk | 2014 | | 5.5 | 2.25 | 2.97 |
| | | 2015 | 3.35 | | | |
| | Bhagalpur city | 2014 | | 12.78 | 10.26 | 10.2 |
| | | 2015 | 10.2 | | | |
| | Jagadishpur | 2014 | | 3.52 | 1.07 | 2.74 |
| | | 2015 | 1.15 | | | |
| | Naugachhia h.s | 2014 | | 5.6 | 2.6 | 2.8 |
| | | 2015 | 4.82 | | | |
| | Pirpainti db.ib | 2014 | | - | 3.22 | - |
| | | 2015 | 2.66 | | | |
| | Sabaur | 2014 | | 4.05 | 1.55 | 2.75 |
| | | 2015 | 2.55 | | | |
| | Shahkund db.ib | 2014 | | 6.45 | 4.33 | 6.78 |
| | | 2015 | 4.3 | | | |
| | Akbarnagar stn | 2014 | | 3.54 | 1.06 | 3.68 |
| | | 2015 | 3.03 | | | |
| | Asarganj | 2014 | | 4.15 | 2.38 | 3.32 |
| | | 2015 | 3.1 | | | |
| | Sultanganj | 2014 | | 8.9 | 2.58 | 4.51 |
| | | 2015 | 8.05 | | | |
| District | BHOJPUR | : | | | | |
| | Milki | 2014 | | 3.73 | 4 | 3.62 |
| | | 0 | 2015 | 6.82 | | |
| | Simariya | 2015 | - | | | |
| | Bihiya | 2014 | | 3.73 | 3.05 | 3.35 |
| | | 0 | 2015 | 3.63 | | |
| | Garhani | 2014 | | 4.88 | 2.9 | 3.22 |
| | | 0 | 2015 | 3.55 | | |
| | Jagadishpur1 | 2014 | | 3.94 | 2.01 | 3.8 |
| | | 0 | 2015 | 3.64 | | |
| | Kulharia | 2014 | | 6.29 | 6.3 | 5.55 |
| | | 0 | 2015 | 5.8 | | |
| | Pirro | 2014 | | 5.5 | 0.91 | - |
| | | 0 | 2015 | 4.98 | | |
| | Chandawa | 2014 | | 4.06 | 2.98 | 2.47 |
| | | 0 | 2015 | 2.49 | | |

| | | | | | | |
|----------|------------------|------|------|-------|------|------|
| | Harnath Kundi | 2015 | 3.6 | | | |
| | 3.60 | 2014 | | 3.97 | 2.26 | 4.22 |
| | Udwantnagar | 2014 | | 4 | 0.69 | 0.7 |
| | 0 | 2015 | 1.67 | | | |
| District | BUXAR | : | | | | |
| | Barhampur | 2014 | | 5.54 | 4.3 | 5.48 |
| | 0 | 2015 | 5.96 | | | |
| | Buxar(SSA) | 2014 | | 5.53 | 4.27 | 5.02 |
| | 0 | 2015 | 5.62 | | | |
| | Chausa | 2014 | | 1.52 | 1.78 | 1.87 |
| | Dumraon | 2014 | | - | 8.25 | 8.21 |
| | 0 | 2015 | 8.29 | | | |
| | Rajpur | 2014 | | 3.27 | 1.51 | 2.01 |
| | 0 | 2015 | 3.22 | | | |
| | Neazipur | 2014 | | 8.2 | 5.63 | 5.25 |
| | 0 | 2015 | 6.64 | | | |
| | Sohiar | 2015 | - | | | |
| District | DARBHANGA | : | | | | |
| | Darbhanga | 2014 | | 2.3 | 1.45 | 0.81 |
| | 0 | 2015 | 2.76 | | | |
| | Bithauli | 2015 | - | | | |
| | Jorja | 2014 | | 5.43 | 3.76 | 1.89 |
| | 0 | 2015 | 4.15 | | | |
| | Bahera | 2014 | | 4.7 | 3.2 | 3.72 |
| | 0 | 2015 | 4.2 | | | |
| | Baheri | 2015 | - | | | |
| | Baheril | 2014 | | 3.78 | 1.48 | 1.93 |
| | 0 | 2015 | 2.53 | | | |
| | Hayaghat | 2014 | | - | 2.6 | 3.14 |
| | 0 | 2015 | - | | | |
| | Pouram | 2014 | | 5.74 | 2.32 | 3.14 |
| | 0 | 2015 | 4.58 | | | |
| | Keoti | 2014 | | 3.9 | 1.56 | - |
| | 0 | 2015 | 2.08 | | | |
| | Sakari1 | 2014 | | 3.94 | 1.89 | 1.69 |
| | 0 | 2015 | 2.32 | | | |
| | Simri (bithauli) | 2014 | | 4.1 | 0.71 | 3.04 |
| | 0 | 2015 | 3.29 | | | |
| District | GAYA | : | | | | |
| | Akauna | 2015 | - | | | |
| | Bhadaya | 2015 | - | | | |
| | Dobhi | 2014 | | 5.4 | 3.46 | 3.62 |
| | | 2015 | 3.88 | | | |
| | Paligaon | 2014 | | 8 | 7.36 | 6.12 |
| | | 2015 | 3.98 | | | |
| | Bodh Gaya | 2014 | | 2.8 | 3.02 | 3.52 |
| | | 2015 | 3.7 | | | |
| | Khandail | 2015 | - | | | |
| | Fatehpur | 2014 | | 6.3 | 2.47 | 3.35 |
| | | 2015 | 4.33 | | | |
| | Bitho Sharif | 2014 | | - | 3.22 | 4.08 |
| | | 2015 | 4.4 | | | |
| | Chakand | 2014 | | 10.91 | 5.82 | 5.58 |

| | | | | | | |
|----------|---------------|------|-------|------|------|------|
| | | 2015 | 5.8 | | | |
| | Ram Kund | 2014 | | 3.87 | 2.63 | 4.46 |
| | | 2015 | 5.66 | | | |
| | Sangat Gali | 2014 | | 5.2 | 2.1 | 6.15 |
| | | 2015 | 7.48 | | | |
| | Manpur | 2014 | | 6.66 | 4.6 | 5.8 |
| | | 2015 | 6.1 | | | |
| | Sherghati | 2014 | | - | 3.4 | 1.98 |
| | | 2015 | 3.12 | | | |
| | Tekari | 2014 | | - | 2.21 | 3.51 |
| | | 2015 | 3.68 | | | |
| | Wazirganj | 2014 | | 4.2 | 1.22 | 2.18 |
| | | 2015 | 2.7 | | | |
| District | GOPALGANJ | : | | | | |
| | Barauli | 2014 | | 3 | 0.69 | 1.68 |
| | | 0 | 2015 | 2.05 | | |
| | Bhojpurwa | 2015 | - | | | |
| | Bhore | 2014 | | 4.34 | 1.26 | 1.86 |
| | | 2015 | 2.73 | | | |
| | Rampur2 | 2014 | | 2.99 | 3.62 | 1.04 |
| | | 2015 | 2.42 | | | |
| | Turkaha | 2014 | | 2.2 | 0.59 | 1.26 |
| | | 2015 | 1.29 | | | |
| | Hathua1 | 2014 | | 3.84 | 0.85 | 1.52 |
| | | 2015 | 2.48 | | | |
| | Jamunaha | 2014 | | 3.76 | 1.05 | 3.62 |
| | | 2015 | 4.23 | | | |
| | Misirbatha1 | 2014 | | 4.37 | 1.2 | 3.26 |
| | | 2015 | 3.5 | | | |
| | Jalalpur2 | 2014 | | 3.7 | 0.81 | 2.11 |
| | | 2015 | 2.34 | | | |
| | Kuchaikot | 2014 | | 2.9 | 0.87 | 1.16 |
| | | 2015 | 1.6 | | | |
| | Bangra | 2014 | | 3.15 | 0.69 | 1.66 |
| | | 2015 | 2.7 | | | |
| | Bangra Deoria | 2014 | | - | 0.65 | 2.3 |
| | | 2015 | 2.73 | | | |
| | Bishambarpur | 2015 | - | | | |
| | Chanwabe | 2014 | | 2.55 | 1.34 | 3.13 |
| | | 0 | 2015 | 2.95 | | |
| | Lachchwar | 2015 | - | | | |
| | Manjhwal | 2014 | | 4.2 | 0.01 | 1.93 |
| | | 2015 | 2.5 | | | |
| | Nunachapra | 2014 | | - | 3.15 | 1.46 |
| | | 2015 | 2.42 | | | |
| | Phulwariya | 2015 | - | | | |
| District | JAMUI | : | | | | |
| | Chakai | 2014 | | 9.6 | 3.2 | 5.03 |
| | | 2015 | 4.88 | | | |
| | Chakai B | 2014 | | 7.49 | 6.55 | 7.25 |
| | | 2015 | 5.68 | | | |
| | Tarakhakhar | 2014 | | - | 2.35 | 9.81 |
| | | 2015 | 10.14 | | | |

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|----------|-----------------|------|-------|-------|-------|-------|
| | Jamui | 2014 | | 10.01 | 5.06 | 7.82 |
| | | 2015 | 8.58 | | | |
| | Manjhwe | 2014 | | 8 | 1.48 | 5.39 |
| | | 2015 | 4.4 | | | |
| | Ambedkar Nagar | 2014 | | 3.9 | 0.1 | 2.43 |
| | | 2015 | 6.8 | | | |
| | Chandramanita | 2014 | | 5.3 | 1.52 | 3.77 |
| | | 2015 | 3.82 | | | |
| | Chandwari | 2014 | | 14.5 | 7.93 | 8.7 |
| | | 2015 | 3.08 | | | |
| | Harna | 2014 | | - | 7.65 | 8.2 |
| | | 2015 | 8.58 | | | |
| | Jhajha | 2014 | | 11.25 | 8.62 | 9.47 |
| | | 2015 | 9.42 | | | |
| | Gidhaur O | 2014 | | 8.65 | 2.95 | 9.02 |
| | | 2015 | 7.55 | | | |
| | Purna Khaira | 2014 | | 3.65 | 1.25 | 1.81 |
| | | 2015 | 2.4 | | | |
| | Gidhaur | 2014 | | 9.78 | - | 8.1 |
| | | 2015 | - | | | |
| | Lalmatia | 2015 | - | | | |
| | Laxmipur | 2014 | | 6.87 | 0.15 | - |
| | | 2015 | 2.86 | | | |
| | Sandipi | 2014 | | 7.95 | 1.32 | 1.32 |
| | | 2015 | 4.9 | | | |
| | Sikandra | 2014 | | 5.18 | 0.79 | 1.82 |
| | | 2015 | 1.3 | | | |
| | Batia | 2015 | - | | | |
| | Batia1 | 2014 | | 15.8 | 10.99 | 12.06 |
| | | 2015 | 11.89 | | | |
| | Sono | 2014 | | - | 3.04 | 4.22 |
| | | 2015 | 5.1 | | | |
| District | JEHANABAD | : | | | | |
| | Arwal | 2015 | - | | | |
| | Arwal1 | 2014 | | 6.18 | 4.06 | 4.46 |
| | | 2015 | 5.67 | | | |
| | Dirpal Bigha | 2014 | | - | 4.04 | - |
| | | 2015 | - | | | |
| | Madhubani | 2015 | - | | | |
| | Ghoshi | 2014 | | - | - | - |
| | | 2015 | 3.29 | | | |
| | Kako | 2014 | | 7.5 | - | - |
| | | 2015 | 3.8 | | | |
| | Gaurakhini | 2014 | | 7.43 | 3.34 | 7.4 |
| | | 2015 | 5.6 | | | |
| | Jahanabad hosp. | 2014 | | 4.04 | 2.97 | 3.68 |
| | | 2015 | 3.56 | | | |
| | Teni Bigha | 2014 | | 3.55 | - | - |
| | | 2015 | 2.37 | | | |
| | Imamganj | 2014 | | 3.07 | 3.4 | 2.88 |
| | | 2015 | 2.79 | | | |
| | Kinjer | 2014 | | 6.93 | - | 6.8 |
| | | 2015 | 6.47 | | | |

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|----------|----------------|------|------|------|------|------|
| | Jhunathi | 2014 | | 6.65 | 3.15 | 5 |
| | | 2015 | 4.69 | | | |
| | Kurtha bdo | 2014 | | 3.3 | 4.4 | 2.77 |
| | | 2015 | 2.48 | | | |
| | Makhdumpur | 2014 | | 5.4 | - | 2.82 |
| | | 2015 | 3.42 | | | |
| District | KAIMUR | : | | | | |
| | Bhabhua | 2014 | | 12.3 | 7.9 | 7.7 |
| | | 0 | 2015 | 8.7 | | |
| | Saraiya | 2015 | - | | | |
| | Tori f.ck.post | 2014 | | 6.58 | 5.17 | 5.5 |
| | | 2015 | 6.75 | | | |
| | Chainpur | 2014 | | 7.24 | 6.48 | 5.8 |
| | | 2015 | 7.09 | | | |
| | Chand in p.s. | 2014 | | 4.96 | 3.65 | 3.4 |
| | | 2015 | 7.62 | | | |
| | Karmanasa | 2014 | | - | 2.73 | - |
| | | 2015 | - | | | |
| | Nuawan | 2014 | | 8.8 | 3.8 | 5.56 |
| | | 2015 | 6.45 | | | |
| | Mohania | 2014 | | 6.83 | 3.78 | 7.37 |
| | | 2015 | 7.77 | | | |
| | Bandipur | 2014 | | 4.15 | 4.67 | 4.34 |
| | | 2015 | 3.26 | | | |
| District | KATIHAR | : | | | | |
| | Barari-1 | 2014 | | 4.22 | 5.54 | 3.94 |
| | | 2015 | 4.95 | | | |
| | Dumaria | 2014 | | 7.8 | 3.4 | 4.42 |
| | | 2015 | 5.1 | | | |
| | Kursela | 2014 | | 7.19 | 3.35 | 4.71 |
| | | 2015 | 7.3 | | | |
| | Paranpur | 2014 | | 4.21 | 1.55 | 3.09 |
| | | 2015 | 3.06 | | | |
| | Dumer | 2014 | | 5.3 | - | - |
| | | 2015 | - | | | |
| | Mahendrapur | 2014 | | 4.68 | 2.4 | 2.82 |
| | | 2015 | 3.3 | | | |
| | Narahaiya | 2014 | | 4.78 | 3.86 | 3.36 |
| | | 2015 | 3.84 | | | |
| | Kadwa | 2014 | | 4.74 | 2.65 | 3.48 |
| | | 2015 | 3.92 | | | |
| | Sonauli | 2014 | | 4.2 | 3.18 | 2.8 |
| | | 2015 | 2.96 | | | |
| | Hafla1 | 2014 | | 4.23 | 3.12 | 2.64 |
| | | 2015 | 3.05 | | | |
| | Katihar | 2014 | | 4.64 | 3.55 | 3.18 |
| | | 2015 | 3.69 | | | |
| | Khiria | 2014 | | - | - | 3.51 |
| | | 2015 | 3.98 | | | |
| | Korha | 2014 | | 5.01 | 3.86 | 3.43 |
| | | 2015 | 3.95 | | | |
| | Routru | 2014 | | 4.07 | 3.46 | 2.96 |
| | | 2015 | 3.43 | | | |

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|----------|--------------------------|------|------|-------|------|------|
| | Manihari | 2014 | | 6.61 | 4.8 | 5.23 |
| | | 2015 | 5.73 | | | |
| | Basantpur | 2014 | - | - | | 1.96 |
| | | 2015 | 3.63 | | | |
| | Bastaul1 | 2014 | | 4.44 | 2.7 | 2.9 |
| | | 2015 | 3.08 | | | |
| District | KHAGARIA | : | | | | |
| | Pirnasara | 2014 | | 6.28 | 1.65 | 2.81 |
| | | 2015 | 4.02 | | | |
| | Basantpur | 2014 | | 6.03 | 1.8 | 2.28 |
| | | 2015 | 3.54 | | | |
| | Chautham | 2014 | | 5.19 | 1.52 | 2.29 |
| | | 2015 | 4.4 | | | |
| | Maheshkhunt 1 | 2014 | | 5.6 | 2.58 | 4.42 |
| | | 2015 | 4.73 | | | |
| | Gandhinagar | 2014 | | 4.7 | 2.07 | 2.08 |
| | | 2015 | 3.29 | | | |
| | Jamalpur | 2014 | | 5 | 1.66 | 2.29 |
| | | 2015 | 3.63 | | | |
| | Maheshkhunt | 2015 | - | | | |
| | Maheshkhunt Lohiya Chowk | 2014 | | 6.04 | 1.9 | 2.62 |
| | | 2015 | 5.42 | | | |
| | Maheshkunt | 2014 | | - | 3.07 | 4.02 |
| | | 2015 | 5.06 | | | |
| | Gangaut | 2014 | | 7.18 | 2.62 | 4.78 |
| | | 2015 | 5.89 | | | |
| | Ismailpur | 2015 | - | | | |
| | Kasimpur | 2014 | | 6.7 | 1.71 | 2.86 |
| | | 2015 | 4.02 | | | |
| | Khagaria | 2014 | | 6.85 | 2.52 | 4.74 |
| | | 2015 | 6.31 | | | |
| | Labhgaon | 2014 | | 6.16 | 3.59 | 5.19 |
| | | 2015 | 6.65 | | | |
| | Dewri | 2014 | | - | 1.07 | 1.68 |
| | | 2015 | 2.3 | | | |
| | Mohaddipur | 2014 | | 6.42 | 2.46 | 3.05 |
| | | 2015 | 3.82 | | | |
| District | KISHANGANJ | : | | | | |
| | Bahadurganj | 2014 | - | - | - | - |
| | | 2015 | 2.73 | | | |
| | Bahadurganj B | 2014 | - | | 1.12 | 2.75 |
| | | 2015 | - | | | |
| | Gunsagar | 2015 | - | | | |
| | Kishanganj | 2014 | | 3.5 | 1.73 | 2.21 |
| | | 2015 | 3.03 | | | |
| | Kaswa Kaliganj | 2014 | | 2.79 | 0.57 | 1.8 |
| | | 2015 | 2.47 | | | |
| | Thakurganj | 2014 | | 10.25 | 8.22 | 8.8 |
| | | 2015 | 9.11 | | | |
| District | LAKHISARAI | : | | | | |
| | Dariyapur | 2015 | - | | | |
| | Barhaiya | 2014 | | 8.31 | 2.04 | 6.4 |
| | | 2015 | 7.26 | | | |

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|----------|------------------|------|------|------|------|------|
| | Kiul | 2015 | - | | | |
| | Kiul_1 | 2014 | | 1.58 | 0.55 | - |
| | | 2015 | 0.82 | | | |
| | Lakhisarai | 2014 | | 5.3 | 5.58 | - |
| | | 2015 | 5.5 | | | |
| | Surajgarhal | 2014 | | 7.02 | 0.88 | 3.56 |
| | | 2015 | 5.6 | | | |
| District | MADHEPURA | : | | | | |
| | Abhiyatola | 2014 | | 6.17 | 2.52 | 2.86 |
| | | 2015 | 3.24 | | | |
| | Chausa1 | 2014 | | - | - | - |
| | | 2015 | - | | | |
| | Ganeshpur | 2014 | | 3.63 | 2.26 | 2.58 |
| | | 2015 | 3.02 | | | |
| | Bhimpura | 2015 | - | | | |
| | Hatkora bazar | 2014 | | 3.52 | 2.26 | 2.45 |
| | | 2015 | 2.83 | | | |
| | Madhepura | 2014 | | 4.83 | 2.59 | 4.01 |
| | | 2015 | 4.65 | | | |
| | Surajganj | 2015 | - | | | |
| | Gaushala Chowk | 2014 | | 3.83 | 2.12 | 2.19 |
| | | 2015 | 3.14 | | | |
| | Murliganj | 2014 | | - | - | - |
| | | 2015 | 1.5 | | | |
| | Singeswar | 2014 | | 5.36 | 2.16 | 2.74 |
| | | 2015 | 4.06 | | | |
| | Gwalpara | 2014 | | 3.84 | 2.52 | 2.99 |
| | | 2015 | 3.19 | | | |
| | Kusthan | 2014 | | - | 2.72 | 2.17 |
| | | 2015 | 2.76 | | | |
| | Uda Kishanganj | 2014 | | - | 3.4 | 2.78 |
| | | 2015 | 3.06 | | | |
| District | MADHUBANI | : | | | | |
| | Babubarhi | 2014 | | 2.98 | 0.58 | 1.99 |
| | | 2015 | 1.24 | | | |
| | Narar | 2014 | | 5.88 | 1.04 | 1.13 |
| | | 2015 | 1.55 | | | |
| | Benipatti | 2014 | | 2.2 | 0.65 | 0.74 |
| | | 2015 | 1.32 | | | |
| | Dhakjari | 2014 | | 3.63 | 1.61 | 1.63 |
| | | 2015 | 2.12 | | | |
| | Kapasia | 2014 | | 2.75 | 0.91 | 1.14 |
| | | 2015 | 1.55 | | | |
| | Jaynagar | 2014 | | 2.6 | 1.58 | 1.84 |
| | | 2015 | 2.41 | | | |
| | Bideshwar Asthan | 2014 | | 5.75 | 2.85 | 1.21 |
| | | 2015 | 3.49 | | | |
| | Jhanjharpur | 2014 | | - | 0.1 | 0.39 |
| | | 2015 | 0.65 | | | |
| | Bentadih | 2014 | | 4.12 | 0.85 | 1.65 |
| | | 2015 | 2.5 | | | |
| | Khajauli | 2014 | | 4.02 | 0.89 | 1.91 |
| | | 2015 | 2.18 | | | |

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|----------|------------------|------|------|-------|------|------|
| | Ambedkar Nagar | 2014 | | 4.66 | 2.39 | 2.15 |
| | | 2015 | 2.83 | | | |
| | Bihari | 2014 | | 3.97 | 2 | 2.13 |
| | | 2015 | 2.42 | | | |
| | Madhubani | 2014 | | 3.1 | 1.13 | 1.24 |
| | | 2015 | 1.7 | | | |
| | Bhawanipur | 2014 | | 6.68 | 3.71 | 1.25 |
| | | 2015 | 3.92 | | | |
| | Pandaul | 2014 | | 5.55 | 2.8 | 1.61 |
| | | 2015 | 3.75 | | | |
| | Phulparas1 | 2014 | | 2.74 | 2.1 | 1.49 |
| | | 2015 | 2.39 | | | |
| | Shambhuar | 2014 | | 5.57 | 1.81 | 1.95 |
| | | 2015 | 2.85 | | | |
| | Kapileshwar | 2014 | | 4.2 | 2.16 | 1.87 |
| | | 2015 | 2.92 | | | |
| | Siswar | 2014 | | 3.56 | 1.8 | 1.98 |
| | | 2015 | 2.46 | | | |
| | Karmanli | 2014 | | 4.18 | - | - |
| | Karmnali | 2014 | | - | 1.45 | 1.59 |
| | | 2015 | 2.46 | | | |
| | Pariharpur | 2014 | | 5.08 | 2.1 | 2.61 |
| | | 2015 | 2.7 | | | |
| District | MUNGER | : | | | | |
| | Bariarpur | 2014 | | 7.65 | 1.62 | 4.59 |
| | | 2015 | 4.02 | | | |
| | Singhiya chawk | 2014 | | 9.48 | 2.31 | 3.98 |
| | | 2015 | 3.45 | | | |
| | Jamalpur1 | 2014 | | 7.57 | 1.21 | 3.28 |
| | | 2015 | 4.19 | | | |
| | Gangta Morh | 2014 | | 6.9 | 5.1 | 8.41 |
| | | 2015 | 5.2 | | | |
| | Gobadda | 2014 | | 7.68 | - | 2.31 |
| | | 2015 | 3.34 | | | |
| | Havelikhargpur | 2014 | | 2.99 | 3.9 | 4.8 |
| | | 2015 | 6.8 | | | |
| | Tarapur | 2014 | | 4.77 | 1.46 | 2.94 |
| | | 2015 | 3.06 | | | |
| | Purabsarai | 2014 | | 11.23 | 1.87 | 4.71 |
| | | 2015 | 3.67 | | | |
| | Rampur2 | 2015 | - | | | |
| | - | 2014 | | 4.61 | 0.46 | 2.3 |
| | | 2015 | 3.45 | | | |
| | Sangrampur | 2014 | | 2.73 | 1.25 | 2.85 |
| | | 2015 | 1.01 | | | |
| District | MUZAFFARPUR | : | | | | |
| | Aurai | 2014 | | 2.39 | 1.79 | 2.78 |
| | | 2015 | 1.78 | | | |
| | Rajkhand | 2014 | | 4.92 | 1.52 | 2.86 |
| | | 2015 | 2.35 | | | |
| | Bhagwanpur Chowk | 2014 | | 3.46 | 1.85 | 2.7 |
| | | 2015 | 3.2 | | | |
| | Jaffarpur | 2014 | | 3.3 | 2.97 | 3 |

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|----------|-------------------|------|------|------|------|------|
| | | 2015 | 3.35 | | | |
| | Mahammadpur Balmi | 2015 | - | | | |
| | Bochaha | 2015 | 5.12 | | | |
| | 5.12 | 2014 | | 6.6 | 5.65 | 4.8 |
| | Barkurwa | 2014 | | 6.88 | 2.97 | 2.28 |
| | | 2015 | 3.56 | | | |
| | Surfuddinpur | 2014 | | - | 4.7 | 4.2 |
| | | 2015 | 4.58 | | | |
| | Muzaffarpur | 2014 | | 5.25 | 2 | 2.84 |
| | | 2015 | 2.16 | | | |
| | Katra1 | 2014 | | - | 2.29 | 2.38 |
| | | 2015 | 3.78 | | | |
| | Ramnagar | 2014 | | 4.58 | 2.37 | 2.43 |
| | | 2015 | 3.07 | | | |
| | Sakri chatti | 2014 | | 3.18 | 1.04 | 1.9 |
| | | 2015 | 2.61 | | | |
| | Turki | 2014 | | - | 0.91 | 1.7 |
| | | 2015 | - | | | |
| | Wazitpur | 2014 | | 5.19 | 1.96 | 2.81 |
| | | 2015 | 3.25 | | | |
| | Gargaliya | 2014 | | - | 3.01 | 4 |
| | | 2015 | 4.15 | | | |
| | Digra | 2014 | | 5.29 | 2.13 | 2.05 |
| | | 2015 | 5.53 | | | |
| | Japaha | 2014 | | 6.18 | 1.89 | 4.42 |
| | | 2015 | 3.64 | | | |
| | Dewaria | 2014 | | 4.35 | 3.42 | 3.2 |
| | | 2015 | 3.64 | | | |
| | Paro | 2014 | | 4.94 | 1.17 | 2.8 |
| | | 2015 | 3.16 | | | |
| | Daha Chhapra | 2014 | | 3.32 | 3.69 | 3.1 |
| | | 2015 | 3.07 | | | |
| | Rajwara | 2015 | - | | | |
| | Sahebganj | 2014 | | 4.87 | 1.85 | 3.05 |
| | | 2015 | 3.47 | | | |
| | Dholi | 2014 | | 7.26 | 2.49 | 5.15 |
| | | 2015 | 5.6 | | | |
| | Mahantmanihari | 2014 | | - | 1.27 | 3.15 |
| | | 2015 | - | | | |
| | Mushari | 2014 | | 5.5 | 1.29 | 2.22 |
| | | 2015 | 2.59 | | | |
| | Seho | 2015 | - | | | |
| District | NALANDA | : | | | | |
| | Asthwan | 2014 | | 3.53 | 0.97 | 1.46 |
| | | 2015 | 1.78 | | | |
| | Jangipur | 2014 | | 4 | 1.82 | 3.58 |
| | | 2015 | 3.43 | | | |
| | Sare | 2014 | | 9.13 | 1.67 | 2.49 |
| | | 2015 | 3.8 | | | |
| | Shahpur Morh | 2014 | | 3.3 | 0.94 | 2.14 |
| | | 2015 | 2.24 | | | |
| | B Sharif Rly Stn | 2014 | | 2.2 | 0.65 | 1.06 |
| | | 2015 | 1.15 | | | |

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|----------|--------------|------|------|------|------|------|
| | Biharsharif | 2014 | | 1.89 | 0.76 | 1.23 |
| | | 2015 | 0.9 | | | |
| | Muraura | 2014 | | 5 | 1.94 | 2.4 |
| | | 2015 | 3.45 | | | |
| | Ranabigha | 2014 | | 8.52 | 1.96 | 3.92 |
| | | 2015 | 4.28 | | | |
| | Sohdh | 2014 | | 3.54 | 1.07 | 2.98 |
| | | 2015 | 3.3 | | | |
| | Ekangarsarai | 2014 | | 6.55 | 5.58 | 5.54 |
| | | 2015 | 4.2 | | | |
| | Parwalpur | 2014 | | 0.75 | 0.57 | 1.02 |
| | | 2015 | 0.62 | | | |
| | Giriak | 2014 | | 4.76 | 1.2 | 2.77 |
| | | 2015 | 3.65 | | | |
| | Pawapuri | 2014 | | 4.9 | 2.05 | 2.41 |
| | | 2015 | 2.4 | | | |
| | Harnaut1 | 2014 | | 1.18 | 0.82 | 0.58 |
| | | 2015 | 0.96 | | | |
| | Hilsa | 2014 | | 7.1 | 1.28 | 2.34 |
| | | 2015 | 3.9 | | | |
| | Nischalganj | 2014 | | 3.86 | 4.46 | 2.86 |
| | | 2015 | 4.05 | | | |
| | Ankuri Bazar | 2014 | | 7.63 | 2.28 | 6.18 |
| | | 2015 | 6.9 | | | |
| | Islampur | 2014 | | 2.67 | 1.16 | 1.68 |
| | | 2015 | 3.5 | | | |
| | Sherpur | 2014 | | 2.55 | 0.94 | 1.63 |
| | | 2015 | 2.2 | | | |
| | Daudpur | 2014 | | 8.16 | 1.76 | 2.28 |
| | | 2015 | 3.5 | | | |
| | Doiya | 2014 | | 5.23 | 1.27 | 2.36 |
| | | 2015 | 4.26 | | | |
| | Heganpura | 2014 | | 7.9 | 1.42 | 3.05 |
| | | 2015 | 5.15 | | | |
| | Paparnhosa | 2014 | | 5.1 | 2.55 | 2.48 |
| | | 2015 | 4.15 | | | |
| | Bhui | 2014 | | 6.9 | 2.72 | 2.92 |
| | | 2015 | 5.1 | | | |
| | Kundalpur | 2014 | | 9 | 4.24 | 4.7 |
| | | 2015 | 5.3 | | | |
| | Nalanda | 2014 | | 7.08 | 6.73 | 6.51 |
| | | 2015 | 6.7 | | | |
| | Nirpur | 2014 | | 7.2 | 1.02 | 6.07 |
| | | 2015 | 2.29 | | | |
| | Pilkhi | 2014 | | 5.69 | 0.94 | 4.58 |
| | | 2015 | 5.6 | | | |
| | Rajgir | 2014 | | 5.28 | 2.86 | 4.41 |
| | | 2015 | 3.9 | | | |
| | Silao | 2014 | | 3.44 | 1.92 | 2.6 |
| | | 2015 | 4.58 | | | |
| | Sithaura | 2014 | | 3.07 | 1.28 | 2.02 |
| | | 2015 | 2.9 | | | |
| District | NAWADA | : | | | | |

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|----------|--------------------|------|------|------|------|------|
| | Tungi | 2014 | | 3.75 | 2.72 | 3.44 |
| | | 2015 | 3.98 | | | |
| | Hisua | 2014 | | 6.45 | 1.23 | 2.42 |
| | | 2015 | 3.7 | | | |
| | Roh | 2014 | | 5.95 | 0.8 | 2.53 |
| | | 2015 | 4.15 | | | |
| | Kawakol ashram | 2014 | | 7.95 | 3.52 | 4.72 |
| | | 2015 | 4.8 | | | |
| | Rupau | 2014 | | 5.2 | 0.42 | 1.83 |
| | | 2015 | 2.9 | | | |
| | Garhpar | 2014 | | 3.39 | 1.9 | 2.87 |
| | | 2015 | 2.58 | | | |
| | Gonama | 2014 | | 4.82 | 1.6 | 3.77 |
| | | 2015 | 5.09 | | | |
| | Nawada2 | 2015 | 6.46 | | | |
| | Pakribrawan | 2014 | | 8.64 | 5.31 | 5.26 |
| | | 2015 | - | | | |
| | Pakribrawan Pond | 2015 | - | | | |
| | Shahpur Morh | 2014 | | - | 1.52 | 2.81 |
| | | 2015 | 2.3 | | | |
| | Warshaliganj | 2014 | | 1.8 | 1.43 | 1.93 |
| | | 2015 | 1.05 | | | |
| District | PASHCHIM CHAMPARAN | : | | | | |
| | Bagaha | 2014 | | - | - | - |
| | | 2015 | - | | | |
| | Belwa | 2014 | | 3.21 | 1.01 | 0.83 |
| | | 2015 | 2.5 | | | |
| | Mangalpur | 2014 | | 4.23 | 0.98 | 2.7 |
| | | 2015 | 3.64 | | | |
| | Bettiah | 2014 | | 2.73 | 1.46 | 0.88 |
| | | 2015 | 1.28 | | | |
| | Chanpatia | 2014 | | 5.1 | 1.01 | 2.91 |
| | | 2015 | 3.93 | | | |
| | Gurwalia | 2014 | | 3.65 | 1.04 | 2.18 |
| | | 2015 | 2.68 | | | |
| | Banspur pipra | 2014 | | - | 1.47 | 1.08 |
| | | 2015 | - | | | |
| | Lauria | 2014 | | - | 0.61 | 2.4 |
| | | 2015 | 3.16 | | | |
| | Panchpurwa | 2014 | | - | 0.38 | 2.35 |
| | | 2015 | 3.16 | | | |
| | Shishwania | 2015 | - | | | |
| | Majhwalia | 2014 | | 4 | 1.53 | 2.45 |
| | | 2015 | 3.1 | | | |
| | Korigawa Chowk | 2014 | | 3.39 | 1.22 | 1.02 |
| | | 2015 | 1.98 | | | |
| | Ramnagar | 2015 | - | | | |
| | Harnatannr | 2014 | | 4.54 | 1.03 | 2.72 |
| | | 2015 | 3.28 | | | |
| | Naurangia | 2014 | | 3.92 | 0.62 | 3.6 |
| | | 2015 | 3.2 | | | |
| | Valmikinagar | 2014 | | 2.15 | 0.99 | 2.58 |
| | | 2015 | 2.64 | | | |

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|----------|-----------------|------|------|------|------|------|
| District | PATNA | : | | | | |
| | Bakhtiarpur | 2014 | | 7.15 | 2.34 | 6.49 |
| | | 2015 | 6.07 | | | |
| | Agwanpur | 2015 | - | | | |
| | Barh1 | 2014 | | 6.4 | 0.74 | 1.93 |
| | | 2015 | 1.31 | | | |
| | Rajpura | 2015 | - | | | |
| | Shahri | 2015 | - | | | |
| | Raghopur | 2014 | | 5.24 | - | 6.3 |
| | | 2015 | 5.47 | | | |
| | Tishkhora | 2014 | | 3.05 | - | - |
| | Ardhra Chowki | 2014 | | 3.87 | 1.63 | 2.36 |
| | | 2015 | 3.67 | | | |
| | Bharatpura | 2014 | | 3.36 | 1.21 | 1.85 |
| | | 2015 | 3.07 | | | |
| | Din Bigha | 2014 | | 6.03 | - | - |
| | Dulhin Bazar | 2014 | | 3.92 | 2.84 | 3.15 |
| | | 2015 | 3.98 | | | |
| | Mariyawa | 2014 | | 3.84 | - | 2.15 |
| | | 2015 | 1.35 | | | |
| | Noniatola | 2014 | | 3.32 | 1.72 | 2.75 |
| | | 2015 | 3.02 | | | |
| | Khaspur | 2014 | | 4.87 | 2.07 | - |
| | | 2015 | 4.89 | | | |
| | Daniyawan | 2014 | | 6.36 | 0.1 | 3.83 |
| | | 2015 | 4.08 | | | |
| | Fatuha | 2014 | | 7.19 | 1.54 | 4.6 |
| | | 2015 | 5.7 | | | |
| | Mokama | 2014 | | 3.5 | 3.7 | 4.12 |
| | | 2015 | 4.85 | | | |
| | Chhiyattar | 2014 | | 5.81 | - | - |
| | Darbeshpur | 2014 | | 9.19 | - | - |
| | Lalbegam | 2014 | | 7.9 | 2.43 | 2.1 |
| | | 2015 | 6.4 | | | |
| | Maner | 2014 | | 4.5 | 1.35 | 2.46 |
| | | 2015 | 3.21 | | | |
| | Maranchi | 2014 | | 8.93 | 2.21 | 6.03 |
| | | 2015 | 8.08 | | | |
| | Snehitola | 2014 | | 6.06 | 2.05 | 2.28 |
| | | 2015 | 2.92 | | | |
| | Bali Pakar | 2014 | | 2.95 | 2.7 | 2.47 |
| | | 2015 | 3.12 | | | |
| | Patna-City | 2014 | | 1.83 | 0.84 | 1.2 |
| | | 2015 | 1.55 | | | |
| | Chheditola | 2014 | | 3.65 | - | - |
| | Etwarpur | 2014 | | 6.6 | 2.02 | - |
| | | 2015 | 4.87 | | | |
| | Hulas Chak | 2014 | | 4.1 | 3.64 | - |
| | | 2015 | 1.96 | | | |
| | Deokali | 2014 | | 8.47 | 2.92 | 4.87 |
| | | 2015 | 5.16 | | | |
| District | PURBA CHAMPARAN | : | | | | |
| | Shyampur | 2015 | - | | | |

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|--|----------------------|------|------|------|------|
| | Areraj | 2014 | - | 1.21 | 1.36 |
| | | 2015 | - | | |
| | Chakia1 | 2014 | 4.23 | 2.03 | 4.44 |
| | | 2015 | 3.1 | | |
| | Uttari Gavandra | 2014 | 3.1 | 1.53 | 2.38 |
| | | 2015 | 2.92 | | |
| | Belai | 2015 | - | | |
| | Chatia | 2014 | 3.9 | 1.6 | 2.58 |
| | | 2015 | 3.43 | | |
| | Chiraiya | 2014 | - | 1.72 | 3.75 |
| | | 2015 | 1.76 | | |
| | Mohabbatpur | 2015 | - | | |
| | Ghorashan | 2014 | 3.22 | 2.17 | 1.81 |
| | | 2015 | 2.07 | | |
| | Sheoraha | 2014 | 0.44 | 1.34 | 2.18 |
| | | 2015 | 0.76 | | |
| | Dharampur | 2014 | 4.95 | 1.56 | 2.43 |
| | | 2015 | 3.33 | | |
| | Dipau | 2014 | 2.46 | 1.78 | 2.34 |
| | | 2015 | 2.92 | | |
| | Rajpur | 2015 | - | | |
| | Dubey Tola | 2014 | 3.02 | 1.15 | 2.27 |
| | | 2015 | 1.98 | | |
| | Khajuriachowk | 2014 | - | 1.98 | 1.84 |
| | | 2015 | - | | |
| | Kizerpura | 2014 | 4.92 | 2.14 | 2.8 |
| | | 2015 | 3.56 | | |
| | Lala Chapra | 2014 | 3.84 | 2.32 | 1.5 |
| | | 2015 | 2.02 | | |
| | Lakhwara | 2014 | 2.01 | 1.91 | 0.75 |
| | | 2015 | 1.09 | | |
| | Motihari | 2014 | 4.02 | 2.11 | 2.7 |
| | | 2015 | 3.3 | | |
| | Chhauradanu | 2015 | - | | |
| | Bishunpur Matiyarwan | 2014 | 4.04 | 0.79 | 1.57 |
| | | 2015 | 2.03 | | |
| | Gobindganj | 2014 | 2.64 | 0.77 | 2.45 |
| | | 2015 | 1.35 | | |
| | Patahi | 2014 | 4.31 | 1.41 | 2.65 |
| | | 2015 | 2.2 | | |
| | Belhi | 2014 | 2.68 | 1.56 | 2.55 |
| | | 2015 | - | | |
| | Raghunathpur | 2014 | 2.31 | 0.56 | 1.37 |
| | | 2015 | 1.68 | | |
| | Raxaul | 2014 | 3.81 | 1.45 | 3.15 |
| | | 2015 | 2.86 | | |
| | Sagauli | 2015 | - | | |
| | Sugauli Bazar | 2014 | 2.91 | 1.8 | 1.36 |
| | | 2015 | 2.46 | | |
| | Bairiya Bazar | 2015 | - | | |
| | Nawada | 2015 | - | | |
| | Nawada1 | 2014 | - | 1.42 | 1.89 |
| | | 2015 | 2.46 | | |

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|----------|-----------------|------|------|-------|-------|-------|
| District | PURNIA | : | | | | |
| | Bansbari | 2014 | | 3.64 | 2.35 | - |
| | | 2015 | - | | | |
| | Baisi2 | 2014 | | 4.73 | 1.83 | 4.27 |
| | | 2015 | 4.02 | | | |
| | Chadia | 2014 | | 5.17 | 3.2 | 4 |
| | | 2015 | 4.36 | | | |
| | Budhia Gola | 2014 | | 4.12 | 3.7 | 2.52 |
| | | 2015 | 3.05 | | | |
| | Mangujan | 2015 | - | | | |
| | Dargaha | 2014 | | - | - | 3.88 |
| | | 2015 | 3.55 | | | |
| | Amri Kukran E | 2014 | | 5 | 3.95 | - |
| | | 2015 | - | | | |
| | Amri Kukran W | 2014 | | 4.93 | 2.53 | 2.93 |
| | | 2015 | 3.75 | | | |
| | Banmankhi | 2014 | | 3.7 | 3.45 | 2.25 |
| | | 2015 | 2.83 | | | |
| | Dhamdaha | 2014 | | 4.69 | 3.35 | 2.82 |
| | | 2015 | 3.49 | | | |
| | Kajha | 2014 | | 3.17 | 3.2 | 1.8 |
| | | 2015 | 2.39 | | | |
| | Barsoni | 2015 | - | | | |
| | Purnia | 2014 | | 3.49 | 2.74 | 2.51 |
| | | 2015 | 2.55 | | | |
| | Ranipatra | 2014 | | 4.72 | 3.34 | 3.27 |
| | | 2015 | 3.66 | | | |
| | Tikapatti Chowk | 2014 | | 4.15 | 3.34 | 2.7 |
| | | 2015 | 3.48 | | | |
| | Tilka Patti | 2014 | | - | 3.25 | - |
| | | 2015 | 3.3 | | | |
| District | ROHTAS | : | | | | |
| | Bikramganj pp | 2014 | | 9.9 | 3.52 | 4.35 |
| | | 2015 | 5.58 | | | |
| | Chenari hospita | 2014 | | 10.93 | 6.43 | 6.85 |
| | | 2015 | 7.95 | | | |
| | Maliabagh | 2014 | | 6.4 | 4.51 | 5.2 |
| | | 2015 | 5.95 | | | |
| | Anikut | 2014 | | 10.33 | 10.05 | 11.53 |
| | | 2015 | 9.95 | | | |
| | Karbindia(templ | 2014 | | 8.25 | 7.88 | 7.22 |
| | | 2015 | 7.85 | | | |
| | Dinara1 | 2014 | | - | 1.66 | - |
| | Kochas | 2014 | | 4.85 | 2.51 | 1.42 |
| | | 2015 | 3.25 | | | |
| | Nokha in temple | 2014 | | 4.42 | 0.57 | 1.8 |
| | | 2015 | 2.57 | | | |
| | Bahaura | 2014 | | 4.74 | 2.19 | 1.3 |
| | | 2015 | 2.24 | | | |
| | Ambwalia | 2014 | | 6.3 | 1.14 | 2 |
| | | 2015 | 3.42 | | | |
| | Belthari | 2014 | | - | 2.03 | 2.66 |
| | | 2015 | 4.06 | | | |

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|----------|--------------------|------|-------|-------|-------|------|
| | Sirisiyan | 2015 | - | | | |
| | Jahanabad (kudra) | 2014 | | - | - | 2.5 |
| | | 2015 | 2.5 | | | |
| | Rajandih | 2014 | | 6.6 | 3.27 | 1.39 |
| | | 2015 | 4.22 | | | |
| | Nasriganj | 2014 | | 5.67 | 5.2 | 6.42 |
| | | 2015 | 7.25 | | | |
| | Auraiya | 2015 | 5.81 | | | |
| | Akbarpur in bdo | 2014 | | 11.64 | 10.47 | 10.7 |
| | | 2015 | 10.77 | | | |
| | Sasaram p.o. | 2014 | | 6.44 | 3.12 | 3.59 |
| | | 2015 | 4.11 | | | |
| | Tilothu bustand | 2014 | | 8.7 | 8.15 | 8.12 |
| | | 2015 | 7.7 | | | |
| | Amawan | 2014 | | 1.94 | 0.28 | 0.82 |
| | | 2015 | 1.17 | | | |
| District | SAHARSA | : | | | | |
| | Bangaon | 2014 | | 2.23 | 1.03 | 1.78 |
| | | 2015 | 2.06 | | | |
| | Basudeva | 2015 | - | | | |
| | Chainpur | 2014 | | 3.02 | 1.12 | 2.43 |
| | | 2015 | 2.96 | | | |
| | Kharakuti | 2015 | - | | | |
| | Niralatola | 2015 | - | | | |
| | Panchgachhi | 2015 | - | | | |
| | Patodibazar | 2014 | | 2.69 | 1.38 | 1.95 |
| | | 2015 | 2.3 | | | |
| | Potwaha | 2014 | | 2.57 | - | - |
| | | 2015 | - | | | |
| | Saharsa1 | 2014 | | 3.63 | 2.68 | 2.42 |
| | | 2015 | 2.8 | | | |
| | Tulsiyahi | 2014 | | 1.65 | 1.2 | 1.28 |
| | | 2015 | 1.39 | | | |
| | Sonbarsaraj | 2015 | - | | | |
| | Sonbarsaraj1 | 2014 | | 4.36 | 2.14 | 2.39 |
| | | 2015 | 2.74 | | | |
| | Jamunia | 2014 | | 3.68 | 0.67 | 1.37 |
| | | 2015 | 2.04 | | | |
| | Semribaktiarpur | 2014 | | 4.35 | 2.44 | 2.71 |
| | | 2015 | 2.97 | | | |
| | Simri Bakhtiyarpur | 2014 | | - | 2.27 | 2.55 |
| | | 2015 | 2.96 | | | |
| | Adrahch | 2014 | | 3.5 | 1.92 | 2.48 |
| | | 2015 | 2.76 | | | |
| | Baidnathpur | 2014 | | 3.2 | 2.16 | 2.46 |
| | | 2015 | 2.76 | | | |
| | Chandaur Purbi | 2014 | | 4.67 | - | 2.58 |
| | | 2015 | 2.98 | | | |
| District | SAMASTIPUR | : | | | | |
| | Kalyanpur | 2014 | | 8.06 | 2.96 | 4.67 |
| | | 2015 | 5.44 | | | |
| | Patapara | 2014 | | 5.1 | 0.4 | 3.69 |
| | | 2015 | 2.02 | | | |

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|----------|-----------------|------|------|-------|------|------|
| | Singhia Ghat | 2014 | | 10.62 | 5.7 | 3.64 |
| | | 2015 | 6.54 | | | |
| | Dalsinghsarai | 2014 | | 5.4 | 2.9 | 5.36 |
| | | 2015 | 5.72 | | | |
| | Malipur | 2015 | - | | | |
| | Basudebpur | 2015 | - | | | |
| | Jakhra | 2014 | | 7.35 | 3.34 | 3.43 |
| | | 2015 | 4.35 | | | |
| | Kishanpur1 | 2015 | - | | | |
| | Kishanpur2 | 2014 | | - | 3.1 | 4.22 |
| | | 2015 | 3.63 | | | |
| | Madudabad | 2014 | | 6.78 | 3.8 | 5.01 |
| | | 2015 | 5.37 | | | |
| | Bajidpur | 2014 | | 6.63 | 4.3 | 4.72 |
| | | 2015 | 5.14 | | | |
| | Shahpurpatori | 2014 | | 8.02 | 2.58 | 4.41 |
| | | 2015 | 4.74 | | | |
| | Kerian | 2014 | | 7.78 | 2.25 | 1.81 |
| | | 2015 | 5.66 | | | |
| | Rosera | 2014 | | 7.93 | 1.57 | 5.88 |
| | | 2015 | 6.31 | | | |
| | Sarai Ranjan | 2015 | - | | | |
| | Tajpur1 | 2014 | | 8.22 | 5.27 | 6.4 |
| | | 2015 | 6.87 | | | |
| | Vikrampur | 2015 | - | | | |
| | Dandia Asadpur | 2014 | | 8.1 | 4.22 | 5.57 |
| | | 2015 | 4.33 | | | |
| | Ujiarpur | 2014 | | 8.1 | 5.53 | 6.15 |
| | | 2015 | 6.52 | | | |
| | Jathmalpur | 2014 | | 8.88 | 2.45 | 2.96 |
| | | 2015 | 5.28 | | | |
| District | SARAN | : | | | | |
| | Jalalpur | 2014 | | - | 2.9 | 2.91 |
| | | 2015 | 3.63 | | | |
| | Manopali | 2014 | | - | 2 | 2.4 |
| | | 2015 | 2.93 | | | |
| | Chhapra | 2014 | | 3.7 | 3.71 | 2.08 |
| | | 2015 | - | | | |
| | Chirand | 2014 | | 4.1 | 3.72 | 3.73 |
| | | 2015 | 4.9 | | | |
| | Daldali Bazar A | 2014 | | 5.7 | 3.56 | 2.48 |
| | | 2015 | 3.73 | | | |
| | Daldali Bazar B | 2014 | | 5.1 | 3.76 | 2.56 |
| | | 2015 | 2.41 | | | |
| | Kapiya Niyamat | 2014 | | - | 3.57 | 1.98 |
| | | 2015 | - | | | |
| | Karbinidia | 2014 | | - | 3.55 | - |
| | Mahuapakri | 2014 | | 3.75 | 3.75 | - |
| | | 2015 | - | | | |
| | Mauna Pakri | 2014 | | 4.09 | 3.74 | 1.5 |
| | | 2015 | 2.93 | | | |
| | Nagra | 2014 | | 4.85 | 2.14 | 3.52 |
| | | 2015 | 4.02 | | | |

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|----------|----------------|------|------|------|------|------|
| | Taraiya | 2014 | | 4.1 | 1.64 | 2.16 |
| | | 2015 | 1.96 | | | |
| | Ammi | 2014 | | 8.16 | 3.95 | 4.26 |
| | | 2015 | 5.27 | | | |
| | Bishunpur | 2014 | - | - | | 2.17 |
| | | 2015 | 2.5 | | | |
| | Ekma | 2014 | | 3.52 | 1.97 | 2.11 |
| | | 2015 | 2.47 | | | |
| | Garkha | 2014 | | 6.75 | 2.68 | 7.26 |
| | | 2015 | - | | | |
| | Minapur | 2014 | | 4.13 | 2.37 | 1.76 |
| | | 2015 | 3.27 | | | |
| | Bisunpur | 2015 | - | | | |
| | Rampur Kala | 2014 | | 3.86 | 2.7 | 1.02 |
| | | 2015 | 2.43 | | | |
| | Majhanpura | 2014 | | 8.65 | 1.95 | - |
| | | 2015 | 7.29 | | | |
| | Majhanpura New | 2014 | | 6.87 | 1.95 | 5.49 |
| | | 2015 | 6.51 | | | |
| | Manjhi | 2014 | | 7.05 | 1.95 | 7.22 |
| | | 2015 | 6.24 | | | |
| | Manjhi 2 | 2015 | - | | | |
| | Marhaura | 2014 | | 4.5 | 2.7 | 2.3 |
| | | 2015 | 2.7 | | | |
| | Masrakh | 2014 | | 4.24 | 2.26 | 1.95 |
| | | 2015 | 2.01 | | | |
| | Masrakh1 | 2014 | | 4.25 | 2 | 1.65 |
| | | 2015 | 2 | | | |
| | Saguni | 2014 | | 4.83 | 2.45 | 3.15 |
| | | 2015 | 3.42 | | | |
| | Saidpur | 2014 | | 4.89 | 2.45 | 2.33 |
| | | 2015 | 2.97 | | | |
| | Baleshara | 2014 | | 4.45 | 1.95 | 1.55 |
| | | 2015 | 3.18 | | | |
| | Chausia | 2014 | | 7.42 | 1.4 | 4.02 |
| | | 2015 | 5.97 | | | |
| | Nayagaon | 2014 | | 6.99 | 3.95 | 3.82 |
| | | 2015 | 5.75 | | | |
| | Sonepur1 | 2014 | | 1.07 | 0.72 | 0.5 |
| | | 2015 | 1.46 | | | |
| District | SEIKHPURA | : | | | | |
| | Ambari | 2014 | | 6.2 | 1.73 | 2.19 |
| | | 2015 | 1.91 | | | |
| | Barbigha | 2014 | | 6.47 | 3.69 | 3.47 |
| | | 2015 | 4.89 | | | |
| | Keoti1 | 2014 | | 5.4 | 0.72 | 1.32 |
| | | 2015 | 2.6 | | | |
| | Koeri Bigha | 2014 | | 5.1 | 1.52 | 1.85 |
| | | 2015 | 2.5 | | | |
| | Sherpar | 2014 | | 9.13 | 1.84 | 2.78 |
| | | 2015 | 5.22 | | | |
| | Nemdarganj | 2015 | - | | | |
| | Seikhpora | 2014 | | 5.23 | 0.73 | 2.21 |

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|----------|-------------------|------|------|------|------|------|
| | | 2015 | 2.95 | | | |
| District | SHEOHAR | : | | | | |
| | Belsand | 2015 | - | | | |
| | Sarbarpur | 2014 | | 3.83 | 1.58 | 1.08 |
| | | 2015 | 1.6 | | | |
| | Purnhaiya Bazar | 2015 | - | | | |
| | Sheohar | 2014 | | 3.1 | 0.76 | 0.65 |
| | | 2015 | 0.67 | | | |
| District | SITAMARHI | : | | | | |
| | Dheng | 2014 | | 3.7 | 1.9 | 1.04 |
| | | 2015 | 1.06 | | | |
| | Bangaon | 2015 | - | | | |
| | Jagwanabazar | 2014 | | 4 | 1.34 | 1.25 |
| | | 2015 | 1.88 | | | |
| | Bhpbhana Khaptola | 2015 | - | | | |
| | Kodwara Tola | 2015 | - | | | |
| | Panaura | 2014 | | 3.52 | 1.3 | 1.14 |
| | | 2015 | 1.41 | | | |
| | Sitamarhi | 2014 | | 3.35 | 4.21 | 2.67 |
| | | 2015 | 3.04 | | | |
| | Sursand | 2014 | | 2.56 | 1.69 | 1.87 |
| | | 2015 | 2.25 | | | |
| | Khairwa | 2014 | | 3.68 | 1.18 | 1.19 |
| | | 2015 | 1.56 | | | |
| | Pupri | 2015 | - | | | |
| | Karahniya Chowk | 2014 | | 3.1 | 1.16 | 1.28 |
| | | 2015 | 1.5 | | | |
| | Kushmari | 2015 | - | | | |
| | Thumba | 2014 | | 4.53 | 1.75 | 0.7 |
| | | 2015 | 2.05 | | | |
| District | SIWAN | : | | | | |
| | Andar | 2014 | | 6 | 3.6 | 5.4 |
| | | 2015 | 4.39 | | | |
| | Basantpur | 2014 | | - | 1.66 | 1.17 |
| | | 2015 | - | | | |
| | Chimanpur | 2014 | | - | 1.68 | 2.91 |
| | | 2015 | 3.45 | | | |
| | Hardia | 2014 | | 4.5 | 1.64 | 2.86 |
| | | 2015 | 3.82 | | | |
| | Malmalia Chowk | 2015 | - | | | |
| | Sarripatti | 2014 | | 3.93 | 2.02 | 2.01 |
| | | 2015 | 2.23 | | | |
| | Darauli | 2014 | | 8.72 | 4.07 | 5.28 |
| | | 2015 | 6.28 | | | |
| | Agaya | 2015 | - | | | |
| | Tarwara | 2014 | | 1.9 | 2.73 | 1.99 |
| | | 2015 | 2.92 | | | |
| | Chitakhal | 2014 | | 3.77 | 1.85 | 2.66 |
| | | 2015 | 3.01 | | | |
| | Deoria | 2014 | | 3.75 | 1.46 | 2.28 |
| | | 2015 | 3.09 | | | |
| | Maharajganj | 2014 | | 2.95 | 2.28 | 1.32 |
| | | 2015 | 1.76 | | | |

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|----------|------------------|------|------|------|------|------|
| | Patrehi | 2014 | | 3.9 | 1.97 | 2.39 |
| | | 2015 | 2.95 | | | |
| | Mairwa1 | 2014 | | 4.24 | 1.47 | 2.77 |
| | | 2015 | 3.12 | | | |
| | Sadikpur | 2014 | | 4.02 | 1.98 | 2.28 |
| | | 2015 | 2.95 | | | |
| | Murarpatti | 2014 | - | 2.34 | 2.62 | |
| | | 2015 | 3.49 | | | |
| | Bhagar | 2014 | | 3.66 | 1.97 | 2.16 |
| | | 2015 | 2.73 | | | |
| | Gangapur siswan | 2015 | - | | | |
| | Gangapur Siswan1 | 2014 | | 4.9 | 1.64 | 2.6 |
| | | 2015 | 2.15 | | | |
| | Siwan1 | 2014 | | 4.35 | 2.8 | 2.63 |
| | | 2015 | 3.43 | | | |
| District | SUPAUL | : | | | | |
| | Balua | 2014 | - | 1.71 | 2.81 | |
| | | 2015 | 3.26 | | | |
| | Bhawanipur1 | 2014 | | 1.79 | 1.68 | 1.79 |
| | | 2015 | 2.23 | | | |
| | Bhimnagar | 2014 | | 2.03 | 1.38 | 1.66 |
| | | 2015 | 2.08 | | | |
| | Birpur | 2014 | | 2.51 | 1.81 | 2.33 |
| | | 2015 | 2.43 | | | |
| | Ratanpura | 2015 | - | | | |
| | Ratanpura1 | 2014 | | 1.93 | 1.15 | 1.74 |
| | | 2015 | 2.32 | | | |
| | Balua 1 | 2014 | | 2.54 | 2.2 | 2.51 |
| | | 2015 | 3.27 | | | |
| | Balua Bazar | 2014 | | 1.97 | 1.35 | 2.88 |
| | | 2015 | 3.12 | | | |
| | Bhasanpatti | 2014 | - | 0.93 | 1.69 | |
| | | 2015 | 1.91 | | | |
| | Andauli | 2014 | | 2.58 | - | - |
| | | 2015 | 1.52 | | | |
| | Hardi | 2015 | - | | | |
| | Kario | 2015 | - | | | |
| | Malhani | 2015 | - | | | |
| | Supaul | 2014 | | 4.05 | 1.45 | 1.77 |
| | | 2015 | 2.22 | | | |
| | Thumba | 2014 | | 3.32 | 2.96 | 2.82 |
| | | 2015 | 3.13 | | | |
| | Pipra chowk | 2014 | | 5.19 | 3.69 | 3.56 |
| | | 2015 | 4.89 | | | |
| | Shyam Nagar | 2014 | | 4.01 | 1.8 | 2.92 |
| | | 2015 | 2.67 | | | |
| | Ganpatganj | 2015 | - | | | |
| | Ganpatganj1 | 2014 | | 2.59 | 1.48 | 2.1 |
| | | 2015 | 2.21 | | | |
| | Kaithtola | 2014 | | 3.45 | 2.08 | 2.12 |
| | | 2015 | 2.32 | | | |
| | Karjain | 2014 | | 3.13 | 1.77 | 2.7 |
| | | 2015 | 3.05 | | | |

| | | | | | | |
|----------|-------------------|------|------|------|------|------|
| | Norha | 2014 | | 2.76 | 1.02 | 1.88 |
| | | 2015 | 2.12 | | | |
| | Parsarma | 2015 | - | | | |
| | Pratapganj | 2014 | | 2.45 | 1.22 | 2.02 |
| | | 2015 | 2.68 | | | |
| | Jadia | 2014 | | 3 | 1.15 | 1.54 |
| | | 2015 | 1.81 | | | |
| | Tribeniganj | 2014 | | 4.45 | - | - |
| | | 2015 | 3.71 | | | |
| District | VAISHALI | : | | | | |
| | Chak Sikandar | 2014 | | 7.85 | 3.95 | 3.12 |
| | | 2015 | 4.3 | | | |
| | Kachanpur | 2015 | - | | | |
| | Mathura | 2014 | | - | 0.4 | 2.84 |
| | | 2015 | 3.31 | | | |
| | Mathura 2 | 2015 | - | | | |
| | Baksama | 2014 | | 6.4 | 4.6 | 2.3 |
| | | 2015 | 2.62 | | | |
| | Bhaluhia (Garaul) | 2014 | | 6.65 | 3.8 | 2.02 |
| | | 2015 | 2.72 | | | |
| | Chandpur Kala | 2015 | - | | | |
| | Garaul | 2014 | | 7.5 | 3.91 | 2.54 |
| | | 2015 | 2.31 | | | |
| | Harpur | 2014 | | 5.06 | 3.81 | - |
| | | 2015 | 3.86 | | | |
| | Hajipur | 2014 | | 7.85 | 4.63 | 5.71 |
| | | 2015 | 7.23 | | | |
| | Sahjadpur | 2015 | - | | | |
| | Chakiyai | 2015 | - | | | |
| | Kumharkal | 2014 | | 6.42 | 3.5 | 3.49 |
| | | 2015 | 4.12 | | | |
| | Mahnar | 2014 | | 7.55 | 3.5 | 5.2 |
| | | 2015 | 6.1 | | | |
| | Mahua1 | 2014 | | 4.68 | 4.04 | 3.32 |
| | | 2015 | 3.91 | | | |
| | Sarai1 | 2014 | | 6.55 | 4.4 | 3.64 |
| | | 2015 | 3.57 | | | |
| | Tariya Supaul | 2015 | - | | | |
| | Patepur | 2014 | | 6.1 | 4.77 | 2.67 |
| | | 2015 | 4.04 | | | |
| | Gajipur | 2014 | | 6.4 | 3.5 | 3.88 |
| | | 2015 | 4.58 | | | |

Annexure II
Major Chemical parameters of ground water samples of HNS collected during Pre-Monsoon 2014 in Bihar State

| SN | Block/ Dist | Location | pH | EC | TDS | TH | Ca ²⁺ | Mg ²⁺ | Na ⁺ | K ⁺ | CO ₃ ²⁻ | HCO ₃ ⁻ | Cl ⁻ | NO ₃ ⁻ | SO ₄ ²⁻ | F ⁻ | PO ₄ ³⁻ | SiO ₂ |
|----|--------------|-----------------------------|------|------|------|-----|------------------|------------------|-----------------|----------------|-------------------------------|-------------------------------|-----------------|------------------------------|-------------------------------|----------------|-------------------------------|------------------|
| 1 | Muzaffarpur | Aurai | 7.96 | 486 | 331 | 190 | 8.0 | 41.0 | 39.0 | 4.0 | 12 | 220 | 43.0 | 1.0 | 16 | 0.07 | 0.00 | 38.0 |
| 2 | Muzaffarpur | Barkurwa morh | 8.79 | 706 | 414 | 255 | 18.0 | 51.0 | 45.2 | 13.2 | 24 | 268 | 60.3 | 11.1 | 18 | 0.60 | 0.00 | 17.8 |
| 3 | Muzaffarpur | Baghwanpur Chowk | 8.50 | 828 | 524 | 200 | 16.0 | 39.0 | 90.0 | 5.0 | 12 | 159 | 78.0 | 2.0 | 152 | 0.00 | 0.00 | 38.0 |
| 4 | Muzaffarpur | Bochaha (new well) | 7.26 | 902 | 580 | 230 | 12.0 | 49.0 | 113.0 | 10.0 | 0 | 315 | 118.0 | 22.0 | 27 | 0.00 | 0.08 | 37.0 |
| 5 | Muzaffarpur | Daha chapra | 7.73 | 599 | 365 | 235 | 58.0 | 21.9 | 31.1 | 1.4 | 0 | 354 | 7.1 | 0.6 | 16 | 0.57 | 0.00 | 11.8 |
| 6 | Muzaffarpur | Dewaria | 8.23 | 695 | 419 | 195 | 20.0 | 35.2 | 76.1 | 5.2 | 0 | 116 | 138.3 | 42.3 | 18 | 0.95 | 0.05 | 12.2 |
| 7 | Muzaffarpur | Dholi (Tola Jananhipur) | 7.29 | 2664 | 1549 | 800 | 36.0 | 173.0 | 122.0 | 96.0 | 0 | 220 | 284.0 | 393.0 | 277 | 0.06 | 0.00 | 34.0 |
| 8 | Muzaffarpur | Digra | 7.54 | 740 | 448 | 220 | 64.0 | 15.0 | 59.0 | 12.0 | 0 | 311 | 41.0 | 11.0 | 22 | 0.39 | 0.00 | 34.0 |
| 9 | Muzaffarpur | Gargalia (Minapur) | 7.73 | 603 | 354 | 210 | 20.0 | 39.0 | 36.0 | 5.0 | 0 | 122 | 71.0 | 15.0 | 60 | 0.00 | 0.00 | 34.0 |
| 10 | Muzaffarpur | Jaffarpur (Bichala tola) | 7.76 | 508 | 291 | 190 | 44.0 | 19.0 | 18.0 | 4.0 | 0 | 232 | 21.0 | 1.0 | 10 | 0.18 | 0.00 | 32.0 |
| 11 | Muzaffarpur | Japaha | 7.32 | 1518 | 952 | 335 | 50.0 | 51.0 | 126.9 | 109.5 | 0 | 561 | 170.2 | 86.8 | 2 | 0.50 | 0.07 | 12.9 |
| 12 | Muzaffarpur | Mushari | 8.53 | 561 | 389 | 180 | 36.0 | 22.0 | 53.0 | 16.0 | 9 | 254 | 38.0 | 24.0 | 12 | 0.00 | 0.00 | 28.0 |
| 13 | Muzaffarpur | Muzaffarpur (Patahi) | 7.29 | 911 | 525 | 290 | 24.0 | 56.0 | 60.0 | 15.0 | 0 | 264 | 103.0 | 31.0 | 36 | 0.06 | 0.00 | 33.0 |
| 14 | Muzaffarpur | Paroo | 8.55 | 1123 | 707 | 370 | 56.0 | 56.0 | 80.0 | 11.0 | 15 | 146 | 145.0 | 2.0 | 220 | 0.00 | 0.00 | 39.0 |
| 15 | Muzaffarpur | Rajkhund | 8.30 | 610 | 390 | 180 | 32.0 | 24.0 | 55.0 | 9.0 | 0 | 159 | 85.0 | 5.0 | 52 | 0.27 | 0.00 | 31.0 |
| 16 | Muzaffarpur | Ramnagar | 7.50 | 1065 | 598 | 305 | 68.0 | 32.8 | 84.9 | 14.2 | 0 | 482 | 67.4 | 8.9 | 15 | 1.50 | 0.65 | 11.6 |
| 17 | Muzaffarpur | Sahebganj | 8.28 | 500 | 345 | 230 | 8.0 | 51.0 | 27.0 | 5.0 | 12 | 281 | 11.0 | 1.0 | 24 | 0.14 | 0.00 | 39.0 |
| 18 | Muzaffarpur | Sakri Chatti | 7.38 | 1090 | 681 | 315 | 78.0 | 29.2 | 36.4 | 85.0 | 0 | 372 | 102.8 | 75.3 | 25 | 0.30 | 0.19 | 22.4 |
| 19 | Muzaffarpur | Sarfuddin-pur,(Bawan Bigha) | 8.43 | 741 | 472 | 260 | 40.0 | 39.0 | 58.0 | 9.0 | 12 | 305 | 35.0 | 1.0 | 70 | 0.00 | 0.00 | 27.0 |
| 20 | Muzaffarpur | Sukrahat | 7.81 | 504 | 304 | 175 | 26.0 | 26.7 | 29.6 | 17.8 | 0 | 189 | 63.8 | 1.9 | 6 | 0.40 | 0.00 | 16.5 |
| 21 | Muzaffarpur | Wazitpur | 7.71 | 890 | 606 | 420 | 20.0 | 90.0 | 46.0 | 4.0 | 0 | 464 | 21.0 | 2.0 | 106 | 0.29 | 0.00 | 34.0 |
| 22 | E. Champaran | Belhi | 7.34 | 1465 | 909 | 270 | 30.0 | 47.4 | 195.6 | 22.0 | 0 | 348 | 276.5 | 99.7 | 0 | 1.09 | 0.00 | 24.3 |
| 23 | E. Champaran | Bishnupur Matiyara | 7.62 | 880 | 545 | 285 | 54.0 | 36.5 | 79.3 | 10.4 | 0 | 390 | 81.5 | 3.1 | 31 | 0.63 | 0.07 | 10.1 |
| 24 | E. Champaran | Chakia | 8.63 | 590 | 407 | 250 | 8.0 | 54.0 | 44.0 | 11.0 | 6 | 256 | 82.0 | 1.0 | 20 | 0.00 | 0.00 | 27.0 |
| 25 | E. Champaran | Chatia | 7.52 | 825 | 479 | 305 | 76.0 | 27.9 | 54.6 | 3.9 | 0 | 464 | 14.2 | 0.5 | 2 | 0.36 | 0.00 | 16.1 |
| 26 | E. Champaran | Dharampur | 7.80 | 438 | 266 | 210 | 20.0 | 39.0 | 8.0 | 5.0 | 0 | 220 | 21.0 | 1.0 | 8 | 0.24 | 0.00 | 30.0 |
| 27 | E. Champaran | Dipau | 7.82 | 437 | 270 | 160 | 32.0 | 19.0 | 25.0 | 4.0 | 0 | 171 | 27.0 | 31.0 | 4 | 0.07 | 0.00 | 24.0 |
| 28 | E. Champaran | Dubey Tola | 7.91 | 780 | 436 | 230 | 46.0 | 27.9 | 62.1 | 7.3 | 0 | 244 | 81.5 | 2.1 | 49 | 0.28 | 0.00 | 10.5 |
| 29 | E. Champaran | Ghorasahan | 8.25 | 950 | 542 | 220 | 64.0 | 15.0 | 97.0 | 1.0 | 0 | 327 | 81.0 | 31.0 | 25 | 0.64 | 0.00 | 28.0 |
| 30 | E. Champaran | Govindganj | 7.98 | 1298 | 727 | 290 | 24.0 | 56.0 | 125.0 | 33.0 | 0 | 422 | 124.0 | 42.0 | 30 | 0.37 | 0.00 | 35.0 |
| 31 | E. Champaran | Kizerpura | 8.84 | 507 | 283 | 160 | 12.0 | 32.0 | 29.0 | 5.0 | 18 | 225 | 11.0 | 2.0 | 8 | 0.36 | 0.10 | 36.0 |
| 32 | E. Champaran | Lakhwara | 7.80 | 520 | 345 | 195 | 48.0 | 18.2 | 45.1 | 1.3 | 0 | 329 | 14.2 | 3.1 | 3 | 0.73 | 0.16 | 11.2 |
| 33 | E. Champaran | Lala Chapra | 8.71 | 545 | 345 | 195 | 6.0 | 43.7 | 53.3 | 2.5 | 24 | 250 | 10.6 | 4.5 | 46 | 0.84 | 0.00 | 10.6 |
| 34 | E. Champaran | Motihari (Banjaria thana) | 8.69 | 393 | 266 | 120 | 34.0 | 9.0 | 36.0 | 3.0 | 12 | 197 | 18.0 | 1.0 | 5 | 0.14 | 0.00 | 32.0 |

| | | | | | | | | | | | | | | | | | | |
|----|--------------|--------------------------|------|------|------|-----|-------|------|-------|------|----|-----|-------|-------|------|------|------|-------|
| 35 | E. Champaran | Nawada | 7.97 | 552 | 316 | 210 | 48.0 | 22.0 | 14.0 | 9.0 | 0 | 262 | 21.0 | 3.0 | 4 | 0.10 | 0.00 | 35.0 |
| 36 | E. Champaran | Patahi | 7.60 | 487 | 278 | 110 | 26.0 | 11.0 | 38.0 | 13.0 | 0 | 159 | 41.0 | 13.0 | 5 | 0.24 | 0.00 | 34.0 |
| 37 | E. Champaran | Raghunathpur | 8.43 | 332 | 226 | 150 | 18.0 | 25.5 | 15.0 | 2.8 | 15 | 116 | 7.1 | 13.9 | 49 | 0.19 | 0.09 | 14.6 |
| 38 | E. Champaran | Raxaul | 8.47 | 288 | 185 | 105 | 16.0 | 15.8 | 19.3 | 3.1 | 0 | 173 | 7.1 | 2.3 | 5 | 0.37 | 0.00 | 10.8 |
| 39 | E. Champaran | Sheoraha | 8.24 | 325 | 195 | 90 | 22.0 | 8.5 | 25.4 | 2.7 | 0 | 140 | 17.7 | 2.1 | 12 | 0.28 | 0.03 | 18.1 |
| 40 | E. Champaran | Chapwa (Sugauli) | 7.33 | 1414 | 808 | 350 | 68.0 | 43.7 | 135.2 | 22.4 | 0 | 445 | 195.0 | 42.1 | 3 | 0.34 | 0.04 | 26.6 |
| 41 | E. Champaran | Uttari Gobandra | 8.40 | 414 | 266 | 160 | 8.0 | 34.0 | 10.6 | 24.8 | 6 | 171 | 10.6 | 21.5 | 25 | 0.25 | 0.00 | 23.5 |
| 42 | W. Champaran | Belwa | 8.37 | 272 | 186 | 130 | 10.0 | 25.5 | 14.7 | 2.2 | 9 | 146 | 7.1 | 14.0 | 3 | 0.13 | 0.00 | 14.1 |
| 43 | W. Champaran | Bettiah (new well) | 8.40 | 878 | 492 | 260 | 40.0 | 39.0 | 65.0 | 1.0 | 9 | 244 | 78.0 | 33.0 | 47 | 0.08 | 0.00 | 35.0 |
| 44 | W. Champaran | Chanpatia | 8.45 | 340 | 222 | 130 | 20.0 | 19.0 | 18.0 | 4.0 | 12 | 151 | 7.0 | 1.0 | 20 | 0.24 | 0.10 | 33.0 |
| 45 | W. Champaran | Gurwalia | 7.74 | 839 | 493 | 210 | 22.0 | 37.7 | 39.5 | 71.6 | 0 | 336 | 78.0 | 21.0 | 7 | 0.00 | 0.00 | 11.3 |
| 46 | W. Champaran | Harnatnra | 8.21 | 1116 | 660 | 250 | 46.0 | 32.8 | 94.5 | 44.9 | 0 | 195 | 127.6 | 168.5 | 0 | 0.14 | 0.35 | 12.3 |
| 47 | W. Champaran | Karigwa Chowk | 8.55 | 268 | 165 | 75 | 14.0 | 9.7 | 23.8 | 1.0 | 0 | 122 | 14.2 | 4.0 | 5 | 0.76 | 0.00 | 18.5 |
| 48 | W. Champaran | Lauria | 8.43 | 355 | 233 | 110 | 16.0 | 17.0 | 25.0 | 4.0 | 6 | 171 | 14.0 | 1.0 | 6 | 0.09 | 0.00 | 42.0 |
| 49 | W. Champaran | Majhwalia (Guruchurwa) | 7.29 | 760 | 438 | 270 | 50.0 | 35.2 | 51.0 | 6.9 | 6 | 354 | 56.7 | 1.9 | 0 | 0.12 | 0.00 | 17.0 |
| 50 | W. Champaran | Mangalpur | 8.30 | 307 | 190 | 135 | 12.0 | 25.5 | 14.0 | 1.8 | 9 | 146 | 17.7 | 6.3 | 0 | 0.49 | 0.00 | 17.5 |
| 51 | W. Champaran | Naurangia | 8.17 | 1137 | 785 | 280 | 104.0 | 5.0 | 75.0 | 94.0 | 18 | 307 | 76.0 | 82.0 | 108 | 0.00 | 0.00 | 43.0 |
| 52 | W. Champaran | Valmiki Nagar (Laxmipur) | 7.52 | 823 | 493 | 210 | 48.0 | 22.0 | 38.0 | 63.0 | 0 | 305 | 53.0 | 32.0 | 20 | 0.00 | 0.00 | 31.0 |
| 53 | E. Champaran | Khejuria Bazar Samiti | 8.03 | 590 | 340 | 185 | 30.0 | 26.7 | 45.1 | 2.8 | 0 | 177 | 56.7 | 45.1 | 13 | 0.73 | 0.00 | 12.2 |
| 54 | E. Champaran | Murarpur | 7.76 | 1686 | 1035 | 405 | 60.0 | 62.0 | 185.3 | 45.6 | 0 | 549 | 226.9 | 105.3 | 0 | 0.82 | 1.78 | 14.0 |
| 55 | E. Champaran | Radia | 8.34 | 470 | 286 | 155 | 10.0 | 31.6 | 46.6 | 3.0 | 15 | 220 | 7.1 | 16.6 | 16 | 0.32 | 0.00 | 11.4 |
| 56 | Muzaffarpur | Katra | 8.64 | 368 | 250 | 50 | 8.0 | 7.3 | 59.7 | 10.9 | 21 | 146 | 10.6 | 29.7 | 3 | 0.85 | 0.00 | 17.8 |
| 57 | Muzaffarpur | Mohant Monihari | 7.60 | 1009 | 579 | 320 | 60.0 | 41.3 | 77.4 | 1.3 | 0 | 342 | 106.4 | 57.4 | 14 | 0.70 | 0.00 | 12.9 |
| 58 | Sitamarhi | Thumma | 7.73 | 1258 | 768 | 400 | 68.2 | 56 | 70 | 48 | 0 | 537 | 71 | 27 | 52.0 | 0.93 | 1.4 | 47 |
| 59 | Sitamarhi | Dheng | 8.21 | 390 | 236 | 120 | 20 | 17 | 32 | 1.9 | 0 | 195 | 14 | 2.4 | 4.8 | 0.25 | 0.13 | 24 |
| 60 | Sitamarhi | Khairwa | 8.09 | 356 | 232 | 150 | 44 | 10 | 17 | 2.2 | 0 | 195 | 21 | 0.69 | 4.8 | 0 | 0.26 | 13 |
| 61 | Sitamarhi | Punurwa | 8.24 | 407 | 260 | 150 | 44 | 10 | 26 | 2.3 | 0 | 195 | 25 | 0.54 | 9.6 | 0 | 0.32 | 24 |
| 62 | Sheohar | Sheohar | 8.13 | 329 | 202 | 110 | 12 | 19 | 23 | 3.5 | 0 | 165 | 14 | 1.09 | 0.0 | 0.08 | 0 | 28 |
| 63 | Sheohar | Sarbarpur | 8.49 | 408 | 249 | 155 | 30 | 19.4 | 12.0 | 9.9 | 9 | 171 | 14.18 | 0.78 | 19.1 | 0.42 | 0.65 | 33.72 |
| 64 | Sitamarhi | Karhania Chowk | 7.45 | 268 | 184 | 105 | 14 | 17.0 | 21.1 | 1.8 | 0 | 122 | 17.73 | 10.77 | 12.0 | 0.06 | 0.00 | 14.72 |
| 65 | Sitamarhi | Sitamarhi Police Line | 8.36 | 358 | 236 | 130 | 30 | 13.4 | 21.8 | 7.0 | 15 | 183 | 10.64 | 1.58 | 0.0 | 0.66 | 0.63 | 30.49 |
| 66 | Sitamarhi | Jagwana Bazar | 8.05 | 180 | 114 | 60 | 8 | 10 | 10 | 0.7 | 0 | 55 | 18 | 1.58 | 6.8 | 0.15 | 0.16 | 26 |
| 67 | Sitamarhi | Sursand | 8.19 | 410 | 283 | 170 | 32 | 22 | 33 | 1.6 | 0 | 220 | 14 | 0.76 | 29.6 | 0.28 | 0 | 15 |
| 68 | Madhubani | Bihari | 8.18 | 459 | 266 | 140 | 36 | 12 | 30 | 2 | 0 | 220 | 11 | 0.46 | 4.8 | 0.22 | 0 | 36 |
| 69 | Madhubani | jaynagar | 7.09 | 705 | 457 | 225 | 76 | 9 | 69 | 1.8 | 0 | 427 | 7 | 0.61 | 9.6 | 0.38 | 0.2 | 23 |
| 70 | Madhubani | Narar | 8.08 | 920 | 533 | 280 | 60 | 32 | 54 | 33 | 0 | 342 | 82 | 7 | 24.0 | 0.71 | 0.25 | 33 |
| 71 | Madhubani | Khajauli | 8.30 | 813 | 517 | 255 | 52 | 30 | 58 | 26 | 0 | 378 | 67 | 14 | 17.6 | 0.2 | 0 | 21 |

| | | | | | | | | | | | | | | | | | | |
|-----|------------|---------------------------------|------|------|------|-----|----|-------|-------|-------|----|-----|--------|--------|-------|------|------|-------|
| 72 | Madhubani | Bentadih | 7.81 | 385 | 242 | 90 | 16 | 12.2 | 40.8 | 1.1 | 0 | 214 | 7.09 | 1.52 | 0.0 | 0.54 | 0.00 | 32.60 |
| 73 | Madhubani | Karmauli | 8.36 | 409 | 257 | 90 | 12 | 15 | 55 | 1.4 | 0 | 220 | 7 | 1.6 | 9.6 | 0.57 | 0 | 21 |
| 74 | Madhubani | Kapasia | 7.79 | 1398 | 840 | 215 | 28 | 35.2 | 146.4 | 107.6 | 0 | 421 | 187.89 | 25.36 | 30.3 | 0.25 | 0.87 | 22.41 |
| 75 | Madhubani | Dhakjari | 7.56 | 1645 | 1120 | 490 | 80 | 71 | 182 | 53 | 0 | 708 | 234 | 38.9 | 14.4 | 0.28 | 0.37 | 15 |
| 76 | Madhubani | Benipatti | 7.90 | 407 | 273 | 140 | 44 | 7 | 33 | 1.6 | 0 | 244 | 7 | 0.61 | 4.8 | 0.2 | 0.37 | 25 |
| 77 | Madhubani | Kapileswar | 8.25 | 346 | 226 | 105 | 18 | 15 | 25 | 9 | 0 | 134 | 18 | 26 | 17.6 | 0.66 | 0.35 | 16 |
| 78 | Darbhanga | Keoty | 8.14 | 480 | 304 | 190 | 20 | 34 | 25 | 6.8 | 0 | 207 | 43 | 11 | 9.6 | 0.62 | 0.87 | 28 |
| 79 | Darbhanga | Sakri | 7.56 | 451 | 293 | 170 | 34 | 21 | 23 | 15 | 0 | 195 | 28 | 11 | 24.0 | 0.34 | 0 | 18 |
| 80 | Madhubani | Pandaul | 8.26 | 330 | 201 | 90 | 14 | 13 | 20 | 12.7 | 0 | 92 | 35 | 17.7 | 13.6 | 0.09 | 0 | 18 |
| 81 | Madhubani | Shambhuar | 7.86 | 1284 | 790 | 320 | 46 | 49.8 | 73.1 | 118.7 | 0 | 543 | 70.90 | 26.89 | 37.9 | 0.43 | 3.59 | 34.72 |
| 82 | Madhubani | Madhubani | 7.75 | 684 | 395 | 210 | 26 | 35.2 | 60.5 | 1.2 | 0 | 232 | 77.99 | 1.01 | 20.5 | 0.41 | 0.00 | 30.56 |
| 83 | Madhubani | Pariharpur | 7.76 | 411 | 263 | 210 | 20 | 38.9 | 6.2 | 0.7 | 0 | 214 | 10.64 | 1.24 | 17.9 | 1.38 | 0.00 | 35.56 |
| 84 | Madhubani | Babubarhi | 7.70 | 410 | 272 | 140 | 16 | 24.3 | 33.0 | 0.8 | 0 | 232 | 7.09 | 2.03 | 8.9 | 0.76 | 0.00 | 37.56 |
| 85 | Madhubani | Khutauna | 8.03 | 506 | 346 | 190 | 48 | 17 | 42 | 1.1 | 0 | 329 | 7 | 2 | 4.8 | 0.61 | 0 | 22 |
| 86 | Madhubani | Siswar | 8.19 | 638 | 390 | 190 | 64 | 7 | 56 | 1.8 | 0 | 293 | 43 | 12 | 4.8 | 0.47 | 0.15 | 22 |
| 87 | Madhubani | Phulpuras | 8.28 | 318 | 214 | 140 | 20 | 22 | 14 | 1.2 | 0 | 171 | 11 | 4.3 | 4.8 | 0.88 | 0.26 | 32 |
| 88 | Madhubani | Bideshwar Asthan | 7.52 | 423 | 274 | 130 | 18 | 20.7 | 37.5 | 1.6 | 0 | 238 | 7.09 | 4.53 | 0.0 | 0.79 | 0.00 | 38.56 |
| 89 | Darbhanga | Bahera | 7.84 | 1050 | 605 | 340 | 44 | 56 | 81 | 0.93 | 0 | 537 | 35 | 1.9 | 24.0 | 1.05 | 0.1 | 33 |
| 90 | Darbhanga | Samapur | 8.22 | 621 | 384 | 160 | 24 | 24 | 60 | 16 | 0 | 281 | 46 | 7.1 | 4.8 | 0.37 | 0 | 30 |
| 91 | Darbhanga | Baheri | 8.57 | 491 | 335 | 170 | 36 | 19 | 55 | 2.5 | 18 | 268 | 14 | 0.72 | 4.8 | 0.62 | 0 | 27 |
| 92 | Darbhanga | Deokuli Dham | 8.28 | 534 | 352 | 110 | 36 | 8 | 68 | 2.3 | 0 | 311 | 14 | 0 | 0 | 0.51 | 0.16 | 33 |
| 93 | Darbhanga | Jorja | 8.02 | 592 | 394 | 170 | 24 | 27 | 73 | 2.1 | 0 | 329 | 21 | 2.4 | 14.4 | 0.66 | 0 | 28 |
| 94 | Madhubani | Bhawanipur | 8.30 | 471 | 319 | 70 | 8 | 12 | 85 | 1.4 | 0 | 281 | 7 | 1.05 | 9.6 | 0.51 | 0 | 23 |
| 95 | Darbhanga | Dharampur Ujan | 8.47 | 431 | 269 | 165 | 18 | 29.2 | 28.1 | 1.3 | 12 | 226 | 10.64 | 7.11 | 0.0 | 0.62 | 0.00 | 29.56 |
| 96 | Darbhanga | Simri | 7.39 | 705 | 411 | 200 | 60 | 12 | 50 | 3.1 | 0 | 329 | 28 | 6.4 | 4.8 | 0.72 | 0.21 | 44 |
| 97 | Darbhanga | Dharbhanga | 7.88 | 458 | 314 | 90 | 24 | 7 | 72 | 1.4 | 0 | 281 | 7 | 0.72 | 4.8 | 0.41 | 0.3 | 25 |
| 98 | Darbhanga | Pouram | 7.92 | 2756 | 1447 | 615 | 72 | 105.7 | 287.0 | 118.7 | 0 | 897 | 244.61 | 134.15 | 132.7 | 0.53 | 2.66 | 50.45 |
| 99 | Samastipur | Jakhra | 8.23 | 681 | 384 | 240 | 18 | 47.4 | 41.0 | 6.5 | 0 | 116 | 113.44 | 11.59 | 40.8 | 0.63 | 0.11 | 51.56 |
| 100 | Samastipur | Jathmal pur (Samastipur) | 7.84 | 933 | 523 | 320 | 60 | 41.3 | 45 | 2.1 | 0 | 403 | 50 | 20.6 | 24.56 | 0.43 | 0 | 33 |
| 101 | Samastipur | Tajpur (Harishakarpur Baghauni) | 8.41 | 956 | 578 | 295 | 54 | 38.9 | 82 | 3.7 | 12 | 500 | 28 | 7.54 | 16 | 0.32 | 0 | 35 |
| 102 | Samastipur | Bhagwanpur Kamla (Ujiarpur) | 7.87 | 961 | 592 | 220 | 44 | 44 | 95 | 3 | 0 | 439 | 67.36 | 5.36 | 50 | 0.61 | 0 | 14 |
| 103 | Samastipur | Dadiya | 7.43 | 648 | 406 | 225 | 42 | 29.2 | 23.6 | 23.5 | 0 | 287 | 17.73 | 21.20 | 27.1 | 0.25 | 0.06 | 32.18 |
| 104 | Samastipur | Patpara | 7.40 | 730 | 432 | 310 | 34 | 54.7 | 38.1 | 2.5 | 0 | 390 | 10.64 | 10.89 | 29.1 | 0.00 | 0.00 | 23.56 |
| 105 | Samastipur | Kalyanpur | 7.26 | 543 | 333 | 215 | 54 | 19.4 | 29.0 | 3.0 | 0 | 305 | 17.73 | 3.63 | 0.0 | 1.18 | 0.00 | 14.43 |
| 106 | Samastipur | Singhiya Ghat | 7.54 | 546 | 293 | 200 | 16 | 38.9 | 33.2 | 2.2 | 0 | 244 | 14.18 | 5.81 | 41.7 | 0.31 | 0.00 | 25.17 |
| 107 | Samastipur | Karian | 7.98 | 1040 | 621 | 310 | 52 | 72 | 49 | 1.8 | 0 | 476 | 57 | 30.14 | 35 | 0.55 | 0 | 33 |
| 108 | Samastipur | Rosera | 7.44 | 421 | 267 | 140 | 28 | 28 | 10 | 2.8 | 0 | 183 | 14 | 20.34 | 25.09 | 0.28 | 0 | 27 |

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|-----|------------|-------------------------------|------|------|------|-----|------|------|-------|-------|----|-----|--------|-------|-----|------|------|------|
| 109 | Samastipur | Dalsingh Sarai | 8.51 | 656 | 417 | 180 | 12 | 60 | 42 | 2.8 | 18 | 329 | 14 | 30.35 | 16 | 0.29 | 0 | 27 |
| 110 | Samastipur | Sahit (Bajidpur) | 8.28 | 1326 | 823 | 410 | 54 | 66.8 | 110 | 21.2 | 0 | 561 | 70.9 | 41 | 90 | 0.15 | 0 | 27 |
| 111 | Samastipur | Madudabad (new well) | 8.19 | 1029 | 640 | 275 | 38 | 43.7 | 114 | 2.78 | 0 | 268 | 102.81 | 42 | 108 | 0.43 | 0 | 25 |
| 112 | Samastipur | Shahpur Patori (Shahpur Undi) | 7.58 | 810 | 540 | 230 | 52 | 40 | 94 | 1.1 | 0 | 378 | 57 | 3.5 | 35 | 0.41 | 0 | 26 |
| 113 | Araria | Araria | 7.36 | 434 | 273 | 75 | 12.0 | 10.9 | 40.3 | 33.3 | 0 | 153 | 35.5 | 21.4 | 8 | 0.21 | 1.54 | 17.8 |
| 114 | Araria | Bathnaha 1 | 7.38 | 246 | 159 | 50 | 14.0 | 3.6 | 27.7 | 8.2 | 0 | 98 | 14.2 | 3.9 | 16 | 0.00 | 0.00 | 11.8 |
| 115 | Araria | Haripur | 7.57 | 227 | 156 | 33 | 4.0 | 5.5 | 40.0 | 3.0 | 0 | 134 | 7.1 | 2.2 | 0 | 0.20 | 0.62 | 12.2 |
| 116 | Araria | Jokihat | 6.90 | 175 | 125 | 40 | 8.0 | 4.9 | 8.8 | 19.7 | 0 | 61 | 10.6 | 20.6 | 2 | 0.00 | 0.41 | 12.9 |
| 117 | Araria | Matiyari | 7.08 | 431 | 261 | 80 | 20.0 | 7.3 | 41.5 | 27.3 | 0 | 159 | 35.5 | 7.7 | 6 | 0.21 | 4.48 | 18.5 |
| 118 | Araria | Pallasi | 7.00 | 305 | 203 | 55 | 18.0 | 2.4 | 27.9 | 29.6 | 0 | 128 | 17.7 | 3.0 | 15 | 0.00 | 0.22 | 11.6 |
| 119 | Purnia | Amri Kukran (East) | 7.34 | 604 | 341 | 190 | 32.0 | 26.7 | 38.7 | 12.2 | 0 | 201 | 53.2 | 41.4 | 3 | 0.00 | 6.65 | 10.8 |
| 120 | Purnia | Amri Kukran (West) | 7.39 | 959 | 593 | 150 | 38.0 | 13.4 | 63.1 | 113.0 | 0 | 299 | 85.1 | 50.8 | 25 | 0.36 | 3.19 | 22.4 |
| 121 | Purnia | Baisi 2 | 7.70 | 601 | 341 | 130 | 34.0 | 10.9 | 44.4 | 20.2 | 0 | 171 | 53.2 | 51.7 | 6 | 0.06 | 1.27 | 16.5 |
| 122 | Purnia | Banmankhi | 7.96 | 163 | 110 | 50 | 8.0 | 7.3 | 9.8 | 3.3 | 0 | 73 | 10.6 | 2.5 | 0 | 0.00 | 0.10 | 24.3 |
| 123 | Purnia | Bansbari | 7.37 | 1034 | 567 | 355 | 56.0 | 52.2 | 53.8 | 20.2 | 0 | 378 | 85.1 | 27.2 | 31 | 0.00 | 1.26 | 10.1 |
| 124 | Purnia | Budhia Gola | 6.76 | 110 | 78 | 25 | 4.0 | 3.6 | 4.5 | 11.7 | 0 | 37 | 7.1 | 9.7 | 0 | 0.23 | 0.12 | 15.2 |
| 125 | Purnia | Chadia | 7.32 | 1003 | 600 | 180 | 18.0 | 32.8 | 50.9 | 118.7 | 0 | 378 | 74.4 | 55.5 | 2 | 0.31 | 0.17 | 16.1 |
| 126 | Purnia | Dargaha | 7.72 | 706 | 409 | 270 | 30.0 | 47.4 | 38.8 | 9.1 | 0 | 275 | 53.2 | 3.3 | 49 | 0.00 | 0.00 | 10.5 |
| 127 | Purnia | Damdaha | 7.30 | 1305 | 733 | 295 | 40.0 | 47.4 | 159.6 | 8.4 | 0 | 403 | 202.1 | 15.6 | 3 | 0.30 | 0.00 | 11.2 |
| 128 | Purnia | Kajha | 7.76 | 809 | 491 | 200 | 32.0 | 29.2 | 51.4 | 50.2 | 0 | 256 | 67.4 | 47.9 | 46 | 0.00 | 0.02 | 10.6 |
| 129 | Purnia | Purnia | 7.37 | 1517 | 876 | 255 | 26.0 | 46.2 | 126.4 | 157.5 | 0 | 433 | 163.1 | 29.0 | 49 | 0.00 | 0.00 | 14.6 |
| 130 | Purnia | Ranipatra | 7.53 | 460 | 274 | 130 | 28.0 | 14.6 | 33.2 | 18.6 | 0 | 183 | 24.8 | 27.4 | 5 | 0.14 | 0.00 | 10.8 |
| 131 | Katihar | Tilka Patti | 7.35 | 1036 | 570 | 295 | 44.0 | 45.0 | 83.5 | 12.3 | 0 | 250 | 166.6 | 35.7 | 12 | 0.00 | 0.00 | 18.1 |
| 132 | Katihar | Bastaul | 7.43 | 390 | 218 | 100 | 24.0 | 9.7 | 27.4 | 3.5 | 0 | 189 | 7.1 | 1.5 | 3 | 0.00 | 0.18 | 26.6 |
| 133 | Katihar | Dumaria | 7.04 | 1697 | 1024 | 440 | 70.0 | 64.4 | 96.4 | 159.6 | 0 | 683 | 156.0 | 12.9 | 25 | 0.00 | 1.20 | 23.5 |
| 134 | Katihar | Makdampur | 7.09 | 975 | 552 | 270 | 48.0 | 36.5 | 41.6 | 49.9 | 0 | 317 | 74.4 | 91.0 | 3 | 0.03 | 0.03 | 14.1 |
| 135 | Katihar | Hafla | 6.88 | 690 | 419 | 195 | 38.0 | 24.3 | 57.1 | 25.5 | 0 | 165 | 117.0 | 37.7 | 7 | 0.00 | 0.03 | 11.3 |
| 136 | Katihar | Kadwa | 7.83 | 145 | 99 | 25 | 4.0 | 3.6 | 18.4 | 6.2 | 0 | 67 | 10.6 | 3.0 | 0 | 0.18 | 0.10 | 12.3 |
| 137 | Katihar | Katihar | 7.53 | 374 | 243 | 160 | 42.0 | 13.4 | 15.8 | 5.8 | 0 | 195 | 21.3 | 2.0 | 5 | 0.00 | 0.07 | 18.5 |
| 138 | Katihar | Korha | 7.64 | 377 | 217 | 115 | 20.0 | 15.8 | 21.6 | 13.2 | 0 | 146 | 31.9 | 7.9 | 0 | 0.00 | 0.19 | 17.0 |
| 139 | Katihar | Kursela | 7.40 | 275 | 171 | 105 | 12.0 | 18.2 | 13.5 | 4.9 | 0 | 134 | 21.3 | 2.2 | 0 | 0.00 | 0.00 | 17.5 |
| 140 | Katihar | Mahendrapur | 7.46 | 860 | 493 | 270 | 30.0 | 47.4 | 60.0 | 25.8 | 0 | 433 | 49.6 | 0.4 | 3 | 0.00 | 0.01 | 12.2 |
| 141 | Katihar | Manihari | 7.59 | 703 | 400 | 240 | 58.0 | 23.1 | 39.3 | 14.7 | 0 | 293 | 67.4 | 4.7 | 0 | 0.00 | 0.05 | 14.0 |
| 142 | Katihar | Narahaiya | 7.35 | 626 | 361 | 155 | 26.0 | 21.9 | 43.5 | 23.4 | 0 | 153 | 78.0 | 47.7 | 16 | 0.03 | 0.30 | 11.4 |
| 143 | Katihar | Paranpur | 7.02 | 839 | 510 | 240 | 50.0 | 27.9 | 46.7 | 49.7 | 0 | 317 | 53.2 | 47.0 | 23 | 0.16 | 4.40 | 17.8 |
| 144 | Katihar | Routara | 7.17 | 707 | 450 | 95 | 20.0 | 10.9 | 76.6 | 55.7 | 0 | 171 | 67.4 | 88.9 | 14 | 0.00 | 0.12 | 12.9 |
| 145 | Katihar | Sonauli | 7.00 | 675 | 381 | 165 | 12.0 | 32.8 | 68.9 | 10.9 | 0 | 177 | 88.6 | 0.0 | 51 | 0.36 | 0.02 | 8.0 |

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|-----|------------|---------------------|------|------|------|-----|-------|-------|-------|-------|----|-----|-------|------|----|------|------|------|
| 146 | Katihar | Kheria Hat | 7.01 | 484 | 284 | 125 | 12.0 | 23.1 | 48.7 | 9.0 | 0 | 207 | 42.5 | 7.2 | 3 | 0.00 | 0.04 | 12.1 |
| 147 | Kishanganj | Bahadurganj | 7.07 | 403 | 222 | 85 | 16.0 | 10.9 | 34.7 | 11.5 | 0 | 104 | 49.6 | 20.3 | 5 | 0.08 | 0.00 | 10.7 |
| 148 | Kishanganj | Bhagalbari | 7.10 | 93 | 59 | 30 | 4.0 | 4.9 | 4.0 | 3.9 | 0 | 37 | 8.9 | 2.3 | 0 | 0.00 | 0.03 | 8.6 |
| 149 | Kishanganj | Kaswa Kaliganj | 7.24 | 123 | 86 | 30 | 8.0 | 2.4 | 16.0 | 3.7 | 0 | 67 | 10.6 | 0.0 | 0 | 0.00 | 0.04 | 4.0 |
| 150 | Kishanganj | Kishanganj | 7.10 | 1082 | 732 | 125 | 22.0 | 17.0 | 206.2 | 19.8 | 0 | 238 | 166.6 | 78.1 | 66 | 0.28 | 0.00 | 11.2 |
| 151 | Kishanganj | Thakurganj | 6.96 | 130 | 92 | 20 | 4.0 | 2.4 | 18.4 | 3.7 | 0 | 61 | 10.6 | 0.0 | 0 | 0.00 | 0.24 | 15.3 |
| 152 | Bhagalpur | Madrauni Chowk | 7.67 | 468 | 257 | 195 | 4.0 | 45.0 | 14.3 | 5.4 | 0 | 238 | 10.6 | 1.0 | 16 | 0.18 | 0.01 | 15.0 |
| 153 | Bhagalpur | Bihpur | 7.61 | 558 | 338 | 160 | 10.0 | 32.8 | 56.8 | 9.2 | 0 | 201 | 92.2 | 0.6 | 5 | 0.23 | 0.05 | 8.5 |
| 154 | Bhagalpur | Naugachiya | 7.28 | 454 | 277 | 185 | 10.0 | 38.9 | 25.4 | 2.4 | 0 | 189 | 35.5 | 34.3 | 3 | 0.36 | 1.96 | 11.3 |
| 155 | BEGUSARAI | Barauni 0 Mile | 8.50 | 363 | 218 | 140 | 36.0 | 12.2 | 17.0 | 3.3 | 15 | 140 | 17.7 | 1.3 | 9 | 0.40 | 0.00 | 26.1 |
| 156 | BEGUSARAI | Begusarai | 7.31 | 737 | 427 | 300 | 28.0 | 55.9 | 33.3 | 5.2 | 0 | 336 | 53.2 | 11.1 | 9 | 0.70 | 0.00 | 26.1 |
| 157 | BEGUSARAI | Teghra | 7.76 | 760 | 424 | 220 | 4.0 | 51.0 | 60.3 | 4.8 | 0 | 177 | 120.5 | 18.0 | 24 | 0.76 | 0.08 | 31.9 |
| 158 | BEGUSARAI | Naya Nagar Dularpur | 7.30 | 722 | 417 | 210 | 26.0 | 35.2 | 48.1 | 21.4 | 0 | 140 | 124.1 | 18.6 | 34 | 1.10 | 0.23 | 22.8 |
| 159 | BEGUSARAI | Matihani | 7.61 | 1452 | 843 | 440 | 72.0 | 63.2 | 134.0 | 5.6 | 0 | 531 | 152.4 | 6.9 | 49 | 0.63 | 0.54 | 36.1 |
| 160 | BEGUSARAI | Pangachi | 7.93 | 510 | 327 | 240 | 40.0 | 34.0 | 17.1 | 0.6 | 0 | 275 | 31.9 | 1.3 | 12 | 0.55 | 0.00 | 22.2 |
| 161 | BEGUSARAI | Begusarai fc ib | 7.27 | 804 | 470 | 240 | 26.0 | 42.5 | 62.3 | 24.7 | 0 | 348 | 49.6 | 3.5 | 33 | 1.08 | 0.12 | 16.1 |
| 162 | BEGUSARAI | Haridia | 7.24 | 1153 | 648 | 420 | 68.0 | 60.8 | 48.2 | 21.5 | 0 | 519 | 81.5 | 9.0 | 16 | 1.10 | 0.00 | 25.9 |
| 163 | BEGUSARAI | Mohanpur Usrai | 8.59 | 2197 | 1254 | 730 | 124.0 | 102.1 | 172.1 | 13.4 | 14 | 573 | 347.4 | 42.8 | 64 | 1.01 | 1.29 | 29.2 |
| 164 | BEGUSARAI | Manjaul | 8.60 | 345 | 215 | 135 | 30.0 | 14.6 | 21.4 | 3.4 | 12 | 128 | 17.7 | 10.7 | 18 | 0.83 | 0.00 | 13.3 |
| 165 | BEGUSARAI | Cheria bariarpur | 7.14 | 2804 | 1582 | 625 | 102.0 | 89.9 | 309.7 | 41.2 | 0 | 811 | 368.7 | 47.3 | 82 | 0.98 | 0.00 | 45.1 |
| 166 | BEGUSARAI | Gopalpur | 7.92 | 1170 | 685 | 410 | 62.0 | 62.0 | 89.0 | 3.1 | 0 | 390 | 170.2 | 38.0 | 2 | 0.86 | 0.00 | 19.2 |
| 167 | BEGUSARAI | Kumarshon | 7.84 | 885 | 505 | 345 | 58.0 | 48.6 | 50.9 | 1.9 | 0 | 415 | 49.6 | 4.8 | 18 | 0.32 | 0.46 | 19.8 |
| 168 | BEGUSARAI | Bagrash | 8.30 | 434 | 261 | 135 | 6.0 | 29.2 | 16.0 | 33.9 | 0 | 214 | 28.4 | 1.3 | 2 | 0.62 | 0.00 | 13.4 |
| 169 | KHAGARIA | Gangaur | 7.88 | 1120 | 671 | 405 | 68.0 | 57.1 | 78.9 | 7.4 | 0 | 366 | 145.3 | 33.4 | 30 | 0.95 | 0.19 | 26.5 |
| 170 | KHAGARIA | Labhgaon | 7.61 | 829 | 567 | 240 | 50.0 | 27.9 | 82.6 | 10.2 | 0 | 354 | 85.1 | 23.1 | 21 | 0.81 | 0.00 | 50.4 |
| 171 | KHAGARIA | Kasimpur | 7.50 | 893 | 526 | 285 | 48.0 | 40.1 | 68.7 | 13.1 | 0 | 275 | 120.5 | 2.6 | 29 | 0.91 | 0.00 | 34.8 |
| 172 | KHAGARIA | Khagaria | 7.40 | 865 | 520 | 335 | 66.0 | 41.3 | 56.7 | 4.0 | 0 | 293 | 134.7 | 11.7 | 3 | 0.68 | 0.00 | 23.3 |
| 173 | KHAGARIA | Basantpur | 7.10 | 526 | 338 | 185 | 6.0 | 41.3 | 41.5 | 3.9 | 0 | 262 | 17.7 | 2.3 | 37 | 0.71 | 0.00 | 27.7 |
| 174 | KHAGARIA | Jamalpur | 8.46 | 854 | 494 | 320 | 4.0 | 75.3 | 46.7 | 6.1 | 6 | 433 | 35.5 | 14.4 | 9 | 0.58 | 0.00 | 34.3 |
| 175 | KHAGARIA | Devnagar | 7.25 | 1934 | 1089 | 285 | 24.0 | 54.7 | 269.5 | 33.8 | 0 | 622 | 226.9 | 23.0 | 41 | 0.40 | 0.00 | 35.8 |
| 176 | KHAGARIA | Mohaddipur | 8.15 | 1431 | 666 | 375 | 46.0 | 63.2 | 36.1 | 81.3 | 0 | 451 | 81.5 | 37.8 | 31 | 0.76 | 0.07 | 13.1 |
| 177 | KHAGARIA | Gandhinagar | 8.54 | 933 | 550 | 395 | 8.0 | 91.1 | 29.0 | 11.0 | 8 | 238 | 163.1 | 14.5 | 41 | 1.27 | 0.81 | 41.4 |
| 178 | KHAGARIA | Maheshkhunt | 7.24 | 1051 | 601 | 325 | 28.0 | 62.0 | 76.5 | 14.4 | 0 | 366 | 109.9 | 35.7 | 17 | 0.94 | 0.00 | 33.4 |
| 179 | KHAGARIA | Chautham | 7.46 | 752 | 435 | 295 | 30.0 | 53.5 | 42.0 | 4.3 | 0 | 336 | 49.6 | 3.9 | 19 | 1.12 | 0.00 | 26.7 |
| 180 | KHAGARIA | Pirnasara | 8.67 | 339 | 1589 | 475 | 86.0 | 63.2 | 290.0 | 189.0 | 20 | 726 | 297.8 | 80.0 | 87 | 0.77 | 2.02 | 41.3 |
| 181 | SAHARSA | Sonbarsaraj | 7.53 | 2650 | 201 | 75 | 10.0 | 12.2 | 32.9 | 1.8 | 0 | 79 | 35.5 | 8.3 | 16 | 0.98 | 0.00 | 34.4 |
| 182 | SAHARSA | Simri Bakhtiyarpur | 8.35 | 258 | 165 | 95 | 10.0 | 17.0 | 16.9 | 4.6 | 9 | 122 | 10.6 | 1.3 | 8 | 0.52 | 0.38 | 16.0 |

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|-----|-----------|-------------------|------|------|------|-----|------|------|-------|-------|----|-----|-------|-------|----|------|------|------|
| 183 | SAHARSA | Jamunia | 8.16 | 345 | 238 | 65 | 6.0 | 12.2 | 35.1 | 18.4 | 0 | 104 | 42.5 | 3.9 | 18 | 1.02 | 0.00 | 36.9 |
| 184 | SAHARSA | Chainpur | 7.54 | 2246 | 1468 | 420 | 54.0 | 69.3 | 308.9 | 94.4 | 0 | 427 | 407.7 | 182.5 | 44 | 0.98 | 0.00 | 46.3 |
| 185 | SAHARSA | Saharsa | 7.54 | 978 | 576 | 340 | 38.0 | 59.5 | 65.9 | 6.0 | 0 | 372 | 70.9 | 44.1 | 46 | 1.02 | 0.00 | 17.0 |
| 186 | SAHARSA | Potwaha | 7.63 | 352 | 200 | 130 | 8.0 | 26.7 | 16.1 | 2.2 | 0 | 171 | 14.2 | 4.6 | 0 | 0.79 | 0.00 | 23.4 |
| 187 | SAHARSA | Baijanathpur | 6.92 | 1077 | 601 | 245 | 40.0 | 35.2 | 86.4 | 46.0 | 0 | 409 | 85.1 | 39.8 | 1 | 1.21 | 0.65 | 17.3 |
| 188 | MADHEPURA | Gwalpara | 8.60 | 324 | 192 | 105 | 6.0 | 21.9 | 20.1 | 5.2 | 12 | 134 | 14.2 | 7.0 | 2 | 1.04 | 0.00 | 25.1 |
| 189 | MADHEPURA | Uda Kishanganj | 7.52 | 1223 | 701 | 190 | 28.0 | 29.2 | 130.8 | 87.3 | 0 | 421 | 113.4 | 14.2 | 22 | 0.60 | 0.70 | 18.0 |
| 190 | MADHEPURA | Abhiyatola | 8.19 | 973 | 590 | 255 | 4.0 | 59.5 | 60.9 | 75.1 | 0 | 336 | 99.3 | 21.3 | 20 | 0.99 | 0.71 | 44.8 |
| 191 | MADHEPURA | Ganeshpur | 7.09 | 682 | 410 | 235 | 26.0 | 41.3 | 38.4 | 10.9 | 0 | 250 | 74.4 | 26.2 | 1 | 0.82 | 0.00 | 38.5 |
| 192 | MADHEPURA | Gaushala Chowk | 7.40 | 638 | 390 | 175 | 10.0 | 36.5 | 49.9 | 28.9 | 0 | 226 | 85.1 | 13.6 | 3 | 0.18 | 0.00 | 26.0 |
| 193 | MADHEPURA | Hatkora bazar | 7.64 | 900 | 525 | 245 | 32.0 | 40.1 | 81.3 | 6.6 | 0 | 281 | 131.2 | 17.5 | 13 | 1.07 | 0.00 | 31.1 |
| 194 | MADHEPURA | Singeswar | 7.44 | 626 | 378 | 240 | 24.0 | 43.7 | 22.3 | 31.3 | 0 | 336 | 31.9 | 4.8 | 1 | 1.19 | 0.00 | 13.5 |
| 195 | MADHEPURA | Madhepura | 7.91 | 757 | 450 | 160 | 18.0 | 27.9 | 65.1 | 45.7 | 0 | 250 | 74.4 | 25.2 | 21 | 0.68 | 1.02 | 19.8 |
| 196 | SUPAUL | Shyam Nagar | 8.03 | 440 | 255 | 155 | 6.0 | 34.0 | 23.6 | 8.8 | 0 | 146 | 53.2 | 14.4 | 2 | 1.32 | 0.00 | 22.3 |
| 197 | SUPAUL | Ganpatganj | 8.84 | 795 | 496 | 260 | 48.0 | 34.0 | 65.4 | 14.2 | 20 | 247 | 74.4 | 42.3 | 30 | 0.07 | 0.00 | 25.2 |
| 198 | SUPAUL | Kaithtola | 7.69 | 803 | 468 | 230 | 26.0 | 40.1 | 78.0 | 3.3 | 0 | 268 | 67.4 | 31.1 | 47 | 0.99 | 0.00 | 10.3 |
| 199 | SUPAUL | Norha | 8.61 | 176 | 109 | 40 | 8.0 | 4.9 | 16.5 | 8.4 | 12 | 49 | 17.7 | 1.8 | 2 | 0.07 | 0.00 | 12.1 |
| 200 | SUPAUL | Karjain | 7.66 | 756 | 498 | 230 | 44.0 | 29.2 | 74.3 | 5.9 | 0 | 323 | 78.0 | 22.8 | 18 | 0.22 | 0.00 | 28.5 |
| 201 | SUPAUL | Ratanpura | 8.51 | 545 | 316 | 135 | 4.0 | 30.4 | 19.9 | 58.9 | 3 | 226 | 42.5 | 2.9 | 5 | 0.09 | 0.09 | 12.7 |
| 202 | SUPAUL | Birpur | 7.40 | 874 | 508 | 320 | 78.0 | 30.4 | 37.7 | 19.8 | 0 | 403 | 42.5 | 18.4 | 10 | 0.49 | 0.47 | 24.6 |
| 203 | SUPAUL | Bhimnagar | 8.56 | 434 | 277 | 175 | 8.0 | 37.7 | 15.6 | 12.6 | 0 | 183 | 28.4 | 18.4 | 13 | 0.26 | 0.00 | 32.3 |
| 204 | SUPAUL | Bhawanipur | 7.06 | 631 | 400 | 220 | 26.0 | 37.7 | 33.1 | 7.6 | 0 | 253 | 42.5 | 26.8 | 22 | 0.69 | 0.00 | 48.7 |
| 205 | SUPAUL | Balua Bazar | 7.17 | 378 | 215 | 120 | 4.0 | 26.7 | 17.4 | 13.4 | 0 | 116 | 21.3 | 29.7 | 17 | 0.68 | 0.00 | 13.5 |
| 206 | SUPAUL | Pratapganj | 7.90 | 790 | 439 | 230 | 54.0 | 23.1 | 34.6 | 33.6 | 0 | 281 | 46.1 | 28.3 | 19 | 0.29 | 0.19 | 28.1 |
| 207 | SUPAUL | Jadia | 7.10 | 363 | 235 | 135 | 28.0 | 15.8 | 21.5 | 4.9 | 0 | 189 | 24.8 | 5.6 | 3 | 0.54 | 0.00 | 16.1 |
| 208 | SUPAUL | Triveniganj | 8.44 | 445 | 296 | 125 | 20.0 | 18.2 | 44.4 | 15.1 | 6 | 165 | 42.5 | 18.4 | 26 | 0.51 | 0.00 | 7.0 |
| 209 | SUPAUL | Pipra chowk | 8.77 | 841 | 566 | 210 | 16.0 | 41.3 | 64.0 | 78.6 | 9 | 293 | 81.5 | 39.1 | 43 | 0.11 | 0.00 | 18.8 |
| 210 | SUPAUL | Thumba | 8.40 | 397 | 230 | 115 | 8.0 | 23.1 | 31.5 | 3.9 | 24 | 98 | 35.5 | 11.9 | 10 | 1.21 | 0.00 | 30.5 |
| 211 | SUPAUL | Supaul | 6.95 | 762 | 516 | 260 | 26.0 | 47.4 | 72.3 | 14.2 | 0 | 290 | 99.3 | 35.2 | 26 | 1.38 | 0.11 | 18.0 |
| 212 | SUPAUL | Aandauli | 7.26 | 1648 | 991 | 360 | 82.0 | 37.7 | 153.1 | 97.5 | 0 | 488 | 230.4 | 4.2 | 46 | 1.10 | 0.00 | 41.2 |
| 213 | SAHARSA | Patodibazar | 7.41 | 613 | 400 | 155 | 8.0 | 32.8 | 60.2 | 37.0 | 0 | 201 | 85.1 | 9.5 | 27 | 0.69 | 0.00 | 16.7 |
| 214 | SAHARSA | Tulsiyahi | 7.17 | 859 | 541 | 200 | 10.0 | 42.5 | 36.7 | 114.9 | 0 | 250 | 145.3 | 18.2 | 2 | 0.99 | 0.28 | 18.4 |
| 215 | SAHARSA | Bangaon | 8.85 | 818 | 498 | 235 | 48.0 | 27.9 | 72.6 | 11.2 | 11 | 311 | 67.4 | 10.4 | 24 | 0.00 | 0.00 | 40.6 |
| 216 | SAHARSA | Chandaur Purbi | 7.55 | 783 | 485 | 255 | 8.0 | 57.1 | 74.0 | 6.3 | 0 | 262 | 113.4 | 6.1 | 20 | 1.40 | 0.00 | 38.0 |
| 217 | SAHARSA | Adraha | 7.44 | 1571 | 954 | 345 | 62.0 | 46.2 | 187.6 | 25.1 | 0 | 506 | 166.6 | 44.8 | 62 | 1.01 | 0.52 | 49.0 |
| 218 | BEGUSARAI | Bintoli Kalyanpur | 7.76 | 721 | 425 | 240 | 28.0 | 41.3 | 47.1 | 8.0 | 0 | 232 | 63.8 | 38.1 | 34 | 0.76 | 0.00 | 22.4 |
| 219 | BEGUSARAI | Pokharia | 7.35 | 595 | 357 | 265 | 18.0 | 53.5 | 18.3 | 3.7 | 0 | 183 | 74.4 | 5.8 | 52 | 0.88 | 0.00 | 18.7 |

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|-----|------------|-----------------------|------|------|------|-----|-----|----|-----|------|----|-----|-----|----|----|------|------|----|
| 220 | Patna | Barh | 7.14 | 1707 | 970 | 490 | 76 | 73 | 170 | 4.3 | 0 | 647 | 178 | 32 | 10 | 0.81 | 0.00 | 32 |
| 221 | Patna | Mokama | 7.4 | 795 | 467 | 260 | 44 | 37 | 64 | 2.7 | 0 | 354 | 60 | 0 | 6 | 0.57 | 0.00 | 37 |
| 222 | Patna | Maranchi | 7.5 | 1135 | 650 | 470 | 80 | 66 | 42 | 12.7 | 0 | 561 | 43 | 3 | 21 | 0.78 | 0.00 | 40 |
| 223 | Lakhisarai | Barhaiya | 7.56 | 722 | 444 | 250 | 22 | 47 | 54 | 1.9 | 0 | 366 | 50 | 10 | 3 | 0.61 | 0.00 | 32 |
| 224 | Lakhisarai | Surajgarha | 8.26 | 987 | 577 | 260 | 32 | 44 | 110 | 2.3 | 0 | 445 | 85 | 9 | 0 | 0.32 | 0.00 | 23 |
| 225 | Munger | Purabsarai (Navtolia) | 7.9 | 1120 | 627 | 370 | 44 | 63 | 53 | 41.2 | 0 | 488 | 64 | 14 | 14 | 0.05 | 0.00 | 36 |
| 226 | Munger | Jamalpur | 7.51 | 1005 | 583 | 370 | 104 | 29 | 58 | 0.8 | 0 | 415 | 71 | 21 | 22 | 0.52 | 0.00 | 24 |
| 227 | Munger | Singhiya Chowk | 7.33 | 1216 | 758 | 450 | 56 | 75 | 92 | 20.0 | 0 | 366 | 206 | 55 | 0 | 0.01 | 0.00 | 31 |
| 228 | Munger | Bariarpur | 7.21 | 1132 | 665 | 440 | 100 | 46 | 58 | 0.8 | 0 | 476 | 92 | 45 | 0 | 0.42 | 0.00 | 32 |
| 229 | Munger | Gobadda | 7.81 | 1026 | 581 | 340 | 22 | 69 | 76 | 0.2 | 0 | 397 | 128 | 9 | 0 | 1.30 | 0.00 | 34 |
| 230 | Munger | Haveli Kharagpur | 7.43 | 215 | 138 | 60 | 20 | 2 | 12 | 3.5 | 0 | 49 | 21 | 22 | 0 | 0.54 | 0.00 | 27 |
| 231 | Munger | Gangta More | 7.25 | 955 | 610 | 290 | 40 | 46 | 98 | 11.2 | 0 | 433 | 75 | 12 | 30 | 0.91 | 0.00 | 33 |
| 232 | Munger | Sangrampur | 8.57 | 318 | 196 | 100 | 12 | 15 | 33 | 2.6 | 18 | 122 | 25 | 0 | 8 | 0.42 | 0.00 | 15 |
| 233 | Munger | Rampur | 8.1 | 601 | 401 | 250 | 72 | 17 | 46 | 2.3 | 0 | 329 | 50 | 0 | 0 | 0.38 | 0.00 | 13 |
| 234 | Munger | Tarapur | 7.45 | 768 | 437 | 300 | 72 | 29 | 28 | 0.8 | 0 | 293 | 71 | 0 | 27 | 0.66 | 0.00 | 30 |
| 235 | Munger | Asarganj | 7.38 | 1628 | 1118 | 390 | 76 | 49 | 184 | 94.0 | 0 | 689 | 177 | 23 | 61 | 0.30 | 0.20 | 34 |
| 236 | Bhagalpur | Sultanganj | 8.29 | 648 | 427 | 240 | 48 | 29 | 49 | 16.0 | 0 | 317 | 57 | 16 | 0 | 0.39 | 0.00 | 18 |
| 237 | Bhagalpur | Akbarnagar | 7.46 | 621 | 396 | 190 | 36 | 24 | 57 | 1.9 | 0 | 281 | 7 | 2 | 60 | 0.42 | 0.00 | 36 |
| 238 | Bhagalpur | Sahkund | 8.22 | 503 | 296 | 190 | 28 | 29 | 23 | 1.9 | 0 | 110 | 74 | 7 | 30 | 0.48 | 0.00 | 35 |
| 239 | Bhagalpur | Bhagalpur | 7.76 | 596 | 351 | 205 | 26 | 34 | 41 | 0.4 | 0 | 281 | 21 | 17 | 13 | 0.49 | 0.00 | 27 |
| 240 | Bhagalpur | Sabaur | 7.34 | 2186 | 736 | 400 | 96 | 39 | 81 | 38.0 | 0 | 415 | 178 | 22 | 0 | 0.23 | 0.44 | 29 |
| 241 | Bhagalpur | Kahalgaoon | 7.4 | 1311 | 762 | 290 | 34 | 50 | 146 | 11.9 | 0 | 421 | 128 | 70 | 34 | 0.89 | 0.00 | 31 |
| 242 | Bhagalpur | Ghoga | 7.2 | 1188 | 691 | 420 | 120 | 29 | 90 | 1.2 | 0 | 397 | 135 | 35 | 0 | 0.54 | 0.00 | 38 |
| 243 | Bhagalpur | Jagdishpur | 7.53 | 2210 | 1259 | 420 | 58 | 67 | 293 | 25.8 | 0 | 683 | 255 | 25 | 81 | 1.15 | 0.00 | 37 |
| 244 | Bhagalpur | Harchandpur | 8.34 | 889 | 517 | 210 | 30 | 33 | 60 | 62.6 | 12 | 232 | 138 | 5 | 8 | 0.99 | 0.00 | 30 |
| 245 | Bhagalpur | Jagnathpur | 7.54 | 591 | 333 | 215 | 24 | 38 | 30 | 1.1 | 0 | 238 | 18 | 21 | 23 | 1.26 | 0.00 | 33 |
| 246 | Banka | Rajaun | 7.62 | 614 | 389 | 200 | 48 | 19 | 49 | 8.4 | 0 | 281 | 46 | 5 | 9 | 0.44 | 0.00 | 32 |
| 247 | Banka | English Morh | 7.21 | 405 | 245 | 100 | 28 | 7 | 26 | 17.0 | 0 | 116 | 28 | 28 | 13 | 0.12 | 0.00 | 27 |
| 248 | Banka | Amarpur | 7.07 | 2204 | 1234 | 450 | 136 | 27 | 198 | 87.0 | 0 | 628 | 206 | 73 | 86 | 0.31 | 1.90 | 38 |
| 249 | Banka | Rampur | 7.49 | 1320 | 805 | 380 | 100 | 29 | 137 | 11.3 | 0 | 415 | 163 | 37 | 38 | 0.84 | 0.34 | 36 |
| 250 | Banka | Shambhuganj | 7.4 | 836 | 483 | 210 | 48 | 22 | 74 | 3.1 | 0 | 305 | 71 | 13 | 31 | 0.91 | 0.00 | 34 |
| 251 | Banka | Khararia | 7.61 | 659 | 367 | 230 | 30 | 38 | 48 | 1.9 | 0 | 299 | 43 | 1 | 0 | 0.75 | 0.06 | 22 |
| 252 | Banka | Banka | 7.4 | 561 | 329 | 170 | 40 | 17 | 25 | 19.0 | 0 | 207 | 43 | 8 | 12 | 0.48 | 0.00 | 39 |
| 253 | Banka | Barahat | 8.02 | 747 | 501 | 250 | 32 | 41 | 92 | 5.8 | 0 | 415 | 64 | 0 | 0 | 0.87 | 0.00 | 12 |
| 254 | Banka | Panjwara | 8.21 | 306 | 203 | 90 | 12 | 15 | 27 | 6.6 | 0 | 98 | 28 | 8 | 24 | 0.46 | 0.00 | 22 |
| 255 | Banka | Bausi Dbib | 7.8 | 445 | 296 | 180 | 28 | 27 | 15 | 0.1 | 0 | 183 | 11 | 67 | 0 | 1.80 | 0.00 | 35 |
| 256 | Banka | Baansi | 8.31 | 332 | 200 | 95 | 14 | 15 | 28 | 1.5 | 12 | 140 | 14 | 6 | 0 | 1.69 | 0.00 | 27 |

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|-----|------------|----------------|------|------|------|-----|------|------|-------|-------|----|-----|-------|-------|-----|------|------|------|
| 257 | Banka | Katuria | 8.04 | 698 | 450 | 250 | 72 | 17 | 38 | 1.5 | 0 | 207 | 78 | 65 | 0 | 0.78 | 0.00 | 51 |
| 258 | Banka | Tinmurthy | 7.6 | 568 | 340 | 140 | 40 | 10 | 60 | 1.9 | 0 | 122 | 107 | 8 | 0 | 3.25 | 0.00 | 36 |
| 259 | Banka | Chandan | 7.65 | 702 | 425 | 230 | 76 | 10 | 41 | 1.9 | 0 | 305 | 43 | 8 | 0 | 1.80 | 0.00 | 58 |
| 260 | Jamui | Chandra Mandih | 7.26 | 1048 | 670 | 295 | 54 | 39 | 98 | 15.8 | 0 | 421 | 64 | 31 | 47 | 0.95 | 0.89 | 64 |
| 261 | Jamui | Chakai | 7.36 | 1150 | 640 | 400 | 88 | 44 | 55 | 0.8 | 0 | 378 | 114 | 60 | 14 | 1.20 | 0.00 | 33 |
| 262 | Jamui | Chakai B | 7.72 | 1076 | 612 | 305 | 52 | 43 | 98 | 0.7 | 0 | 299 | 128 | 31 | 42 | 1.10 | 0.12 | 35 |
| 263 | Jamui | Batia | 8.16 | 346 | 222 | 120 | 28 | 12 | 29 | 0.8 | 0 | 134 | 28 | 13 | 16 | 0.55 | 0.00 | 12 |
| 264 | Jamui | Chandwari | 7.5 | 809 | 449 | 230 | 30 | 38 | 67 | 2.9 | 0 | 262 | 74 | 11 | 30 | 0.85 | 0.00 | 36 |
| 265 | Jamui | Ambedkarnagar | 7.93 | 640 | 375 | 210 | 52 | 19 | 44 | 0.8 | 0 | 244 | 64 | 14 | 0 | 0.44 | 0.00 | 32 |
| 266 | Jamui | Gidhaur | 8.29 | 494 | 302 | 160 | 36 | 17 | 30 | 0.4 | 0 | 207 | 28 | 4 | 21 | 0.84 | 0.00 | 38 |
| 267 | Jamui | Laxmipur | 7.25 | 808 | 488 | 245 | 24 | 45 | 74 | 0.8 | 0 | 287 | 67 | 26 | 38 | 0.40 | 0.00 | 38 |
| 268 | Jamui | Sandipi | 7.01 | 751 | 494 | 240 | 68 | 17 | 83 | 1.2 | 0 | 183 | 178 | 18 | 0 | 0.08 | 0.00 | 17 |
| 269 | Jamui | Jamui | 7.28 | 767 | 448 | 250 | 60 | 24 | 54 | 12.3 | 0 | 232 | 99 | 9 | 24 | 0.21 | 0.00 | 24 |
| 270 | Jamui | Purna Khaira | 7.83 | 687 | 413 | 265 | 40 | 40 | 41 | 0.3 | 0 | 317 | 32 | 20 | 18 | 0.54 | 0.00 | 28 |
| 271 | Jamui | Sikandra | 7.48 | 2892 | 1628 | 535 | 64 | 91 | 392 | 38.6 | 0 | 738 | 411 | 42 | 104 | 0.82 | 0.00 | 34 |
| 272 | Jamui | Manjhwe | 7.19 | 1625 | 971 | 390 | 58 | 60 | 187 | 13.5 | 0 | 610 | 163 | 59 | 25 | 1.98 | 0.38 | 32 |
| 273 | Lakhisarai | Lakhisarai | 7.82 | 1086 | 674 | 520 | 168 | 24 | 28 | 0.8 | 0 | 476 | 121 | 11 | 0 | 0.25 | 0.00 | 31 |
| 274 | Lakhisarai | Kiul | 8.37 | 407 | 262 | 150 | 36 | 15 | 28 | 1.5 | 18 | 183 | 21 | 4 | 0 | 0.78 | 0.00 | 33 |
| 275 | Lakhisarai | Kajra | 8.41 | 1506 | 842 | 295 | 14 | 63 | 193 | 20.13 | 39 | 555 | 128 | 1 | 11 | 0.87 | 0.00 | 49 |
| 276 | Bhojpur | Bihiya | 7.83 | 2302 | 1332 | 295 | 10.0 | 65.6 | 387.2 | 42.9 | 0 | 415 | 482.1 | 21.4 | 64 | 0.56 | 0.05 | 5.0 |
| 277 | Bhojpur | Garhani | 8.35 | 752 | 450 | 105 | 8.0 | 20.7 | 107.9 | 21.3 | 24 | 323 | 31.9 | 22.6 | 13 | 1.03 | 0.06 | 12.7 |
| 278 | Bhojpur | Harnath Kundi | 8.10 | 501 | 316 | 115 | 12.0 | 20.7 | 68.1 | 4.0 | 0 | 220 | 56.7 | 1.1 | 5 | 0.28 | 0.06 | 14.3 |
| 279 | Bhojpur | Kulharia | 7.64 | 696 | 395 | 120 | 14.0 | 20.7 | 89.2 | 13.8 | 0 | 311 | 39.0 | 0.0 | 15 | 0.24 | 0.01 | 13.4 |
| 280 | Bhojpur | Milki | 7.70 | 485 | 270 | 170 | 10.0 | 35.2 | 30.4 | 1.5 | 0 | 262 | 10.6 | 1.1 | 8 | 0.29 | 0.01 | 12.8 |
| 281 | Rohtas | Akbarpur | 7.84 | 572 | 333 | 145 | 18.0 | 24.3 | 40.6 | 21.1 | 0 | 195 | 53.2 | 24.9 | 17 | 0.35 | 0.04 | 14.5 |
| 282 | Rohtas | Amawan Gate | 8.44 | 961 | 529 | 225 | 44.0 | 27.9 | 99.7 | 3.5 | 15 | 207 | 138.3 | 0.4 | 52 | 0.42 | 0.06 | 27.5 |
| 283 | Rohtas | Ambwalia | 7.92 | 700 | 397 | 105 | 12.0 | 18.2 | 98.2 | 11.2 | 0 | 317 | 31.9 | 15.7 | 0 | 0.26 | 0.15 | 15.5 |
| 284 | Rohtas | Anikut | 8.17 | 516 | 312 | 145 | 18.0 | 24.3 | 51.6 | 4.4 | 0 | 244 | 35.5 | 7.4 | 0 | 0.36 | 0.04 | 21.5 |
| 285 | Rohtas | Bahaura | 8.17 | 440 | 267 | 150 | 18.0 | 25.5 | 40.1 | 1.3 | 0 | 226 | 17.7 | 8.0 | 2 | 0.11 | 0.15 | 16.2 |
| 286 | Rohtas | Bikramganj | 7.59 | 754 | 436 | 150 | 14.0 | 27.9 | 94.2 | 1.7 | 0 | 189 | 78.0 | 49.1 | 38 | 0.38 | 0.07 | 16.8 |
| 287 | Rohtas | Chenari | 8.07 | 628 | 407 | 175 | 32.0 | 23.1 | 64.4 | 21.4 | 0 | 317 | 42.5 | 10.7 | 1 | 0.36 | 0.02 | 17.6 |
| 288 | Rohtas | Karbindia | 8.09 | 456 | 264 | 140 | 18.0 | 23.1 | 46.7 | 1.0 | 0 | 220 | 21.3 | 0.0 | 6 | 0.19 | 0.06 | 13.9 |
| 289 | Rohtas | Kochas | 7.89 | 1110 | 646 | 335 | 52.0 | 49.8 | 101.6 | 21.4 | 0 | 366 | 173.7 | 1.1 | 8 | 0.51 | 0.09 | 14.6 |
| 290 | Rohtas | Maliabagh | 7.50 | 1147 | 808 | 155 | 16.0 | 27.9 | 135.2 | 101.7 | 0 | 201 | 106.4 | 250.5 | 31 | 0.35 | 0.01 | 16.6 |
| 291 | Rohtas | Nasriganj | 8.03 | 371 | 216 | 90 | 18.0 | 10.9 | 35.0 | 21.0 | 0 | 159 | 14.2 | 4.9 | 0 | 0.25 | 0.05 | 14.6 |
| 292 | Rohtas | Nokha | 7.79 | 928 | 605 | 95 | 12.0 | 15.8 | 179.3 | 3.0 | 0 | 275 | 88.6 | 0.0 | 123 | 0.78 | 0.06 | 15.0 |
| 293 | Rohtas | Rajandih | 7.55 | 752 | 437 | 160 | 36.0 | 17.0 | 79.3 | 21.4 | 0 | 201 | 102.8 | 28.6 | 17 | 0.00 | 0.15 | 13.1 |

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|-----|--------|--------------------|------|------|------|-----|------|------|-------|-------|----|-----|--------|--------|-------|------|------|-------|
| 294 | Rohtas | Sasaram | 7.52 | 514 | 282 | 155 | 14.0 | 29.2 | 37.6 | 3.0 | 0 | 214 | 35.5 | 14.1 | 4 | 0.27 | 0.06 | 13.8 |
| 295 | Rohtas | Tilothu | 7.93 | 505 | 301 | 185 | 16.0 | 35.2 | 34.7 | 0.9 | 0 | 195 | 28.4 | 20.1 | 13 | 0.08 | 0.05 | 32.7 |
| 296 | Bhabua | Bandipur | 7.99 | 1347 | 789 | 220 | 12.0 | 46.2 | 157.9 | 41.7 | 0 | 207 | 205.6 | 151.0 | 31 | 0.38 | 0.03 | 17.0 |
| 297 | Bhabua | Bhabhua | 7.38 | 760 | 430 | 275 | 34.0 | 46.2 | 46.1 | 2.3 | 0 | 201 | 109.9 | 48.2 | 7 | 0.00 | 0.07 | 13.5 |
| 298 | Bhabua | Chainpur | 8.29 | 640 | 391 | 250 | 49.0 | 31.0 | 41.7 | 1.7 | 0 | 275 | 42.5 | 11.0 | 32 | 0.50 | 0.07 | 13.9 |
| 299 | Bhabua | Chand | 6.94 | 2256 | 1411 | 395 | 4.0 | 93.6 | 283.2 | 99.9 | 0 | 177 | 535.3 | 252.5 | 21 | 0.05 | 0.19 | 12.7 |
| 300 | Bhabua | Karmanasa | 7.30 | 1202 | 742 | 255 | 28.0 | 45.0 | 178.0 | 2.6 | 0 | 140 | 336.8 | 51.1 | 3 | 0.23 | 0.03 | 11.3 |
| 301 | Bhabua | Mohania | 7.60 | 1259 | 773 | 230 | 58.0 | 20.7 | 176.2 | 52.9 | 0 | 354 | 216.2 | 5.7 | 13 | 0.00 | 0.05 | 13.9 |
| 302 | Bhabua | Jahanabad (Kudra) | 7.37 | 1534 | 882 | 260 | 18.0 | 52.2 | 197.5 | 32.8 | 0 | 415 | 237.5 | 48.1 | 25 | 0.11 | 0.02 | 17.7 |
| 303 | Bhabua | Nuawan | 7.47 | 1781 | 1169 | 365 | 38.0 | 65.6 | 267.9 | 15.8 | 0 | 207 | 273.0 | 354.0 | 10 | 0.09 | 0.05 | 18.0 |
| 304 | Bhabua | Tori forest | 7.98 | 1652 | 992 | 435 | 48.0 | 76.5 | 189.2 | 21.0 | 0 | 531 | 226.9 | 50.4 | 39 | 0.83 | 0.03 | 16.3 |
| 305 | Buxar | Barhampur | 7.80 | 1554 | 933 | 135 | 6.0 | 29.2 | 308.4 | 2.8 | 0 | 433 | 244.6 | 48.5 | 15 | 0.06 | 0.16 | 14.0 |
| 306 | Buxar | Buxar | 7.40 | 855 | 488 | 205 | 38.0 | 26.7 | 96.2 | 2.4 | 0 | 220 | 138.3 | 38.4 | 0 | 0.32 | 0.04 | 14.0 |
| 307 | Buxar | Dumraon | 7.36 | 1045 | 575 | 290 | 14.0 | 62.0 | 90.6 | 22.3 | 0 | 317 | 124.1 | 43.1 | 9 | 0.00 | 0.01 | 16.4 |
| 308 | Buxar | Rajpur | 8.00 | 1132 | 668 | 260 | 48.0 | 34.0 | 155.0 | 1.4 | 0 | 494 | 102.8 | 8.5 | 5 | 0.62 | 0.04 | 11.4 |
| 309 | Saran | Minapur | 7.16 | 2260 | 1309 | 460 | 48 | 82.6 | 297.9 | 8.4 | 0 | 390 | 446.67 | 119.20 | 29.1 | 0.82 | 0.03 | 38.72 |
| 310 | Saran | Dighwara | 7.85 | 639 | 365 | 175 | 32 | 23.1 | 56.1 | 4.8 | 0 | 244 | 53.18 | 10.32 | 12.0 | 0.61 | 0.05 | 24.37 |
| 311 | Saran | Saguni | 7.64 | 844 | 494 | 360 | 40 | 63.2 | 37.7 | 1.8 | 0 | 500 | 14.18 | 0.61 | 0.0 | 0.53 | 0.06 | 30.49 |
| 312 | Saran | Sonepur | 7.73 | 921 | 621 | 205 | 48 | 21 | 126 | 13.0 | 0 | 445 | 82 | 11.0 | 23 | 0.49 | 0.00 | 26 |
| 313 | Saran | Chausa | 8.26 | 1121 | 662 | 290 | 30 | 52 | 112 | 11.0 | 0 | 464 | 99 | 20.8 | 21 | 0.46 | 1.00 | 31 |
| 314 | Saran | Nayagaon | 8.52 | 516 | 305 | 140 | 20 | 22 | 48 | 2.0 | 12 | 195 | 39 | 11.1 | 10 | 0.32 | 0.00 | 26 |
| 315 | Saran | Aami | 8.20 | 720 | 462 | 200 | 24 | 34 | 82 | 21 | 0 | 360 | 57 | 0.18 | 8 | 0.96 | 0.00 | 15 |
| 316 | Saran | Chiranad | 8.66 | 1585 | 1047 | 590 | 88 | 90 | 78 | 102.0 | 18 | 403 | 241 | 120.0 | 52 | 0.35 | 0.00 | 20 |
| 317 | Saran | Garkha | 7.70 | 595 | 353 | 155 | 16 | 28 | 53 | 8.0 | 0 | 201 | 39 | 32.2 | 25 | 0.87 | 0.14 | 28 |
| 318 | Saran | Chapra | 7.25 | 1507 | 837 | 355 | 42 | 61 | 143 | 29 | 0 | 573 | 131 | 14.12 | 40 | 0.72 | 0.00 | 26 |
| 319 | Saran | Majhanpura | 7.89 | 735 | 470 | 260 | 34 | 43 | 49 | 2.0 | 0 | 281 | 43 | 46.0 | 50 | 0.34 | 0.00 | 32 |
| 320 | Saran | Manjhi | 8.63 | 420 | 250 | 145 | 16 | 26 | 24 | 3 | 12 | 183 | 11 | 12.70 | 14.06 | 0.94 | 0.00 | 25 |
| 321 | Saran | Ekma | 7.68 | 342 | 197 | 100 | 14 | 16 | 25 | 6 | 0 | 128 | 28 | 3.01 | 13.13 | 0.21 | 0.00 | 14 |
| 322 | Siwan | Maharajganj | 7.94 | 403 | 260 | 120 | 18 | 18 | 29 | 12.0 | 0 | 122 | 21 | 49.0 | 29 | 0.92 | 0.00 | 8 |
| 323 | Siwan | Paterhi (Pateuha) | 7.79 | 841 | 518 | 105 | 22 | 12 | 86 | 59.0 | 0 | 323 | 18 | 77.9 | 19 | 0.39 | 0.00 | 27 |
| 324 | Siwan | Tarwara | 7.65 | 1006 | 591 | 260 | 32 | 44 | 91 | 14.0 | 0 | 494 | 46 | 18.2 | 7 | 0.73 | 0.00 | 37 |
| 325 | Siwan | Sadikpur Purabtola | 8.49 | 702 | 458 | 205 | 28 | 32.8 | 79.6 | 0.7 | 0 | 262 | 96 | 28.30 | 0.0 | 0.36 | 0.14 | 32.60 |
| 326 | Siwan | Siwan | 8.21 | 364 | 219 | 125 | 12 | 23 | 18 | 6.0 | 0 | 159 | 21 | 9.5 | 4 | 0.34 | 0.00 | 28 |
| 327 | Siwan | Mairwa | 7.30 | 1311 | 804 | 355 | 6 | 83 | 143 | 29 | 0 | 476 | 135 | 42.7 | 50 | 0.25 | 0.08 | 26 |
| 328 | Siwan | Chitakahl | 8.16 | 304 | 194 | 80 | 6 | 18 | 16 | 11.0 | 0 | 134 | 11 | 21.0 | 0 | 0.34 | 0.00 | 29 |
| 329 | Siwan | Deuria | 7.80 | 632 | 370 | 295 | 40 | 47.4 | 15.7 | 2.0 | 0 | 281 | 39.00 | 1.54 | 30.3 | 0.42 | 0.07 | 22.41 |
| 330 | Siwan | Darauli | 7.48 | 532 | 314 | 170 | 26 | 26 | 26 | 9.0 | 0 | 232 | 20 | 6.7 | 18 | 0.51 | 0.00 | 41 |

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|-----|-----------|---------------------|------|------|------|-----|-----|-------|-------|-------|----|-------|--------|--------|-------|------|------|-------|
| 331 | Siwan | Ander | 8.20 | 378 | 222 | 140 | 20 | 22 | 9 | 13.0 | 0 | 146 | 14 | 9.4 | 18 | 0.39 | 0.00 | 27 |
| 332 | Gopalganj | Turkaha (Gopalganj) | 8.50 | 478 | 276 | 145 | 12 | 28 | 27 | 7.0 | 9 | 140.5 | 14.18 | 11.2 | 48 | 0.28 | 0.02 | 37 |
| 333 | Gopalganj | Hathua | 7.60 | 1081 | 734 | 285 | 12 | 62 | 119 | 48.0 | 0 | 457.5 | 166.62 | 5.9 | 14 | 0.54 | 0.00 | 27 |
| 334 | Gopalganj | Misirbatha | 8.26 | 359 | 218 | 135 | 14 | 24 | 12 | 3.0 | 0 | 110 | 43 | 6.4 | 10 | 0.87 | 0.00 | 38 |
| 335 | Gopalganj | Bhore | 7.72 | 655 | 395 | 190 | 42 | 21 | 54 | 9.0 | 0 | 262 | 32 | 0.0 | 50 | 0.48 | 0.00 | 27 |
| 336 | Gopalganj | Kateya | 8.43 | 320 | 186 | 135 | 18 | 21.9 | 11.1 | 2.7 | 3 | 128 | 10.64 | 0.87 | 29.5 | 0.91 | 0.04 | 10.12 |
| 337 | Gopalganj | Nimouinya | 8.39 | 668 | 400 | 170 | 26 | 25.5 | 71.0 | 1.2 | 12 | 189 | 85.08 | 13.81 | 17.9 | 1.28 | 0.00 | 35.32 |
| 338 | Gopalganj | Jalalpur | 8.02 | 1014 | 648 | 185 | 18 | 34 | 122 | 53.0 | 0 | 414.8 | 106.35 | 9.1 | 34 | 0.21 | 0.00 | 19 |
| 339 | Gopalganj | Manjhwa | 7.41 | 2560 | 1498 | 440 | 76 | 61 | 318 | 43 | 0 | 671 | 291 | 149.60 | 74.77 | 0.38 | 0.16 | 75 |
| 340 | Gopalganj | Phulwaria | 7.64 | 1580 | 939 | 320 | 52 | 46.2 | 190.8 | 16.1 | 0 | 482 | 170.16 | 97.10 | 37.9 | 0.57 | 0.15 | 34.72 |
| 341 | Gopalganj | Barauli | 8.50 | 386 | 249 | 160 | 24 | 24 | 29 | 5.7 | 12 | 208 | 11 | 1.94 | 12.70 | 0.81 | 0.00 | 6 |
| 342 | Gopalganj | Rampur | 7.40 | 869 | 499 | 225 | 16 | 45 | 87 | 13 | 0 | 458.0 | 24.82 | 0.35 | 1.37 | 0.64 | 0.00 | 32 |
| 343 | Gopalganj | Bishambharpur | 8.53 | 365 | 227 | 150 | 26 | 20.7 | 10.6 | 6.4 | 9 | 146 | 10.64 | 0.53 | 28.9 | 0.67 | 0.00 | 27.54 |
| 344 | Gopalganj | Bangra | 8.30 | 473 | 299 | 120 | 14 | 21 | 38 | 13.0 | 0 | 204.5 | 10.64 | 16.5 | 24 | 0.24 | 1.18 | 36 |
| 345 | Siwan | Basantpur | 8.70 | 463 | 296 | 210 | 40 | 27 | 23 | 3.0 | 24 | 183 | 16 | 48.9 | 0 | 0.74 | 0.00 | 12 |
| 346 | Siwan | Hardia | 8.28 | 371 | 244 | 130 | 14 | 23 | 28 | 4.0 | 0 | 171 | 21 | 7.4 | 14 | 0.53 | 0.00 | 27 |
| 347 | Saran | Mashrakh | 8.16 | 695 | 457 | 210 | 32 | 32 | 77 | 8 | 0 | 445 | 7 | 4.60 | 12.40 | 0.41 | 0.00 | 12 |
| 348 | Saran | Taraia | 7.58 | 2457 | 1388 | 445 | 62 | 52 | 291 | 101.0 | 0 | 628 | 291 | 97.6 | 62 | 0.61 | 0.00 | 48 |
| 349 | Saran | Nandanpur | 7.42 | 2790 | 1597 | 635 | 86 | 102.1 | 228.9 | 109.5 | 0 | 519 | 347.41 | 255.70 | 100.9 | 2.20 | 0.00 | 48.05 |
| 350 | Saran | Amnaour | 7.45 | 610 | 350 | 210 | 38 | 27.9 | 35.8 | 1.4 | 0 | 336 | 10.64 | 0.76 | 0.0 | 0.81 | 0.07 | 29.82 |
| 351 | Vaishali | Hajipur | 8.47 | 325 | 198 | 125 | 24 | 16 | 12 | 10.0 | 9 | 140 | 14 | 3.0 | 6 | 0.62 | 0.00 | 22 |
| 352 | Vaishali | Sarai | 8.31 | 438 | 292 | 160 | 36 | 17 | 26 | 14.0 | 6 | 122 | 14 | 32.0 | 62 | 0.86 | 0.03 | 12 |
| 353 | Vaishali | Garaul | 7.51 | 2110 | 1316 | 460 | 42 | 86.3 | 217.9 | 119.5 | 0 | 531 | 350.96 | 103.60 | 41.0 | 0.74 | 0.06 | 30.56 |
| 354 | Vaishali | Rasa Purbi | 7.72 | 1562 | 868 | 650 | 54 | 125.1 | 76.3 | 3.5 | 0 | 494 | 138.26 | 43.80 | 132.7 | 0.85 | 0.08 | 50.45 |
| 355 | Vaishali | Mahua | 8.35 | 953 | 556 | 335 | 80 | 33 | 49 | 14.0 | 3 | 311 | 89 | 40.8 | 22 | 0.69 | 0.07 | 36 |
| 356 | Vaishali | Mukundpur | 8.54 | 450 | 293 | 200 | 16 | 38.9 | 17.6 | 2.4 | 12 | 201 | 17.73 | 1.21 | 40.8 | 0.35 | 0.04 | 21.16 |
| 357 | Vaishali | Rajapakar | 8.10 | 616 | 373 | 245 | 24 | 45.0 | 24.6 | 1.1 | 0 | 256 | 46.09 | 0.26 | 27.1 | 1.15 | 0.06 | 32.18 |
| 358 | Vaishali | Hasanchowk | 7.33 | 677 | 404 | 225 | 44 | 27.9 | 39.7 | 1.1 | 0 | 311 | 10.64 | 10.31 | 29.1 | 0.32 | 0.10 | 33.56 |
| 359 | Vaishali | Mahnar | 8.19 | 435 | 278 | 170 | 32 | 22 | 23 | 6.0 | 0 | 214 | 14 | 14.3 | 15 | 1.00 | 0.05 | 20 |
| 360 | Vaishali | Kumarkahl Buzurg | 7.99 | 899 | 452 | 320 | 36 | 55.9 | 57.5 | 1.4 | 0 | 336 | 67.36 | 31.87 | 30.0 | 0.87 | 0.02 | 24.43 |
| 361 | Nalanda | Ankuri Bazar | 7.68 | 717 | 477 | 175 | 14 | 34 | 86 | 20 | 0 | 256 | 78 | 16.0 | 32 | 1.10 | 0.00 | 40 |
| 362 | Nalanda | Asthwan | 7.46 | 1337 | 803 | 399 | 94 | 40 | 130 | 4 | 0 | 500 | 128 | 22.0 | 38 | 0.39 | 0.00 | 42 |
| 363 | Nalanda | Biharsharif Rly Stn | 7.65 | 634 | 409 | 232 | 61 | 19 | 44 | 11 | 0 | 280 | 42 | 2.3 | 42 | 0.29 | 0.00 | 16 |
| 364 | Nalanda | Bhui | 8.04 | 1582 | 915 | 504 | 52 | 91 | 122 | 14 | 12 | 397 | 255 | 44.4 | 52 | 0.66 | 0.00 | 35 |
| 365 | Nalanda | Biharsharif | 7.70 | 1601 | 918 | 475 | 72 | 72 | 140 | 21 | 24 | 555 | 135 | 38.0 | 41 | 1.01 | 0.13 | 46 |
| 366 | Nalanda | Daudpur | 8.29 | 1355 | 754 | 435 | 112 | 38 | 83 | 13 | 0 | 451 | 135 | 30.0 | 31 | 0.89 | 0.00 | 37 |
| 367 | Nalanda | Doiya | 7.50 | 2545 | 1751 | 571 | 36 | 117 | 422 | 10 | 0 | 793 | 397 | 13.0 | 248 | 1.00 | 0.00 | 23 |

| | | | | | | | | | | | | | | | | | | |
|-----|-----------|--------------|------|------|------|-----|-----|-----|--------|-----|----|-----|-----|-------|-----|------|------|----|
| 368 | Nalanda | Ekangarsarai | 8.61 | 1347 | 792 | 155 | 4 | 35 | 190 | 61 | 48 | 415 | 85 | 48.0 | 62 | 1.15 | 0.00 | 23 |
| 369 | Nalanda | Giriak | 7.26 | 1962 | 1110 | 640 | 16 | 146 | 156 | 4 | 0 | 610 | 262 | 33.0 | 78 | 0.55 | 0.00 | 42 |
| 370 | Nalanda | Harnaut | 7.44 | 1253 | 741 | 50 | 16 | 2 | 186 | 78 | 0 | 268 | 156 | 66.5 | 29 | 0.23 | 1.35 | 43 |
| 371 | Nalanda | Heganpura | 7.70 | 1172 | 801 | 504 | 66 | 83 | 54.39 | 64 | 0 | 280 | 283 | 0.6 | 58 | 1.60 | 0.00 | 21 |
| 372 | Nalanda | Hilsa | 8.00 | 753 | 515 | 190 | 24 | 32 | 42 | 90 | 0 | 336 | 64 | 40.0 | 0 | 0.29 | 0.00 | 18 |
| 373 | Nalanda | Islampur | 7.84 | 2284 | 1518 | 320 | 82 | 28 | 304.88 | 117 | 0 | 390 | 355 | 327.5 | 44 | 0.37 | 0.05 | 22 |
| 374 | Nalanda | Jangipur | 8.50 | 396 | 267 | 140 | 20 | 22 | 31 | 1 | 0 | 171 | 28 | 16.4 | 10 | 0.36 | 0.00 | 34 |
| 375 | Nalanda | Kundalpur | 7.52 | 968 | 570 | 321 | 56 | 44 | 59 | 23 | 0 | 427 | 43 | 7.6 | 50 | 0.60 | 0.00 | 26 |
| 376 | Nalanda | Moghra | 7.86 | 739 | 459 | 266 | 48 | 36 | 47.42 | 8 | 0 | 310 | 54 | 0.0 | 50 | 0.49 | 0.00 | 27 |
| 377 | Nalanda | Muraura | 7.14 | 1055 | 607 | 258 | 64 | 24 | 64 | 54 | 0 | 439 | 74 | 25.4 | 0 | 0.43 | 0.00 | 34 |
| 378 | Nalanda | Nalanda | 7.90 | 970 | 643 | 480 | 74 | 72 | 30 | 7 | 0 | 482 | 79 | 8.0 | 60 | 0.47 | 0.00 | 18 |
| 379 | Nalanda | Nirpur | 7.85 | 2916 | 1984 | 590 | 88 | 90 | 448 | 61 | 0 | 610 | 358 | 265.0 | 269 | 0.80 | 0.00 | 32 |
| 380 | Nalanda | Nischalganj | 8.08 | 960 | 591 | 240 | 36 | 36 | 96 | 11 | 0 | 275 | 121 | 39.5 | 54 | 0.40 | 0.00 | 30 |
| 381 | Nalanda | Papanhosa | 7.70 | 987 | 588 | 255 | 42 | 37 | 101 | 4 | 0 | 268 | 106 | 23.1 | 78 | 1.37 | 0.00 | 32 |
| 382 | Nalanda | Parwalpur | 7.26 | 1248 | 624 | 269 | 32 | 46 | 114 | 23 | 36 | 275 | 110 | 40.3 | 39 | 0.85 | 0.00 | 29 |
| 383 | Nalanda | Pawapuri | 7.60 | 861 | 520 | 210 | 42 | 26 | 80 | 14 | 0 | 220 | 86 | 37.0 | 70 | 0.59 | 0.00 | 31 |
| 384 | Nalanda | Pilkhi | 8.65 | 930 | 607 | 322 | 40 | 54 | 66 | 16 | 0 | 275 | 36 | 4.8 | 190 | 0.64 | 0.00 | 32 |
| 385 | Nalanda | Rajgir | 7.18 | 1289 | 799 | 710 | 100 | 112 | 11 | 9 | 18 | 549 | 145 | 22.0 | 32 | 0.37 | 0.00 | 22 |
| 386 | Nalanda | Ranabigha | 7.52 | 1138 | 633 | 155 | 58 | 27 | 116 | 8 | 0 | 323 | 138 | 42.4 | 12 | 0.59 | 0.37 | 34 |
| 387 | Nalanda | Sare | 7.83 | 573 | 351 | 110 | 16 | 17 | 84 | 4 | 24 | 146 | 71 | 1.0 | 24 | 0.45 | 0.00 | 30 |
| 388 | Nalanda | Sherpur | 8.59 | 357 | 212 | 90 | 12 | 15 | 29 | 8 | 0 | 134 | 21 | 0.0 | 22 | 0.49 | 0.00 | 23 |
| 389 | Nalanda | Silao | 7.89 | 4386 | 2822 | 849 | 120 | 134 | 576 | 197 | 0 | 958 | 631 | 192.0 | 340 | 1.10 | 0.20 | 47 |
| 390 | Nalanda | Sithuara | 7.32 | 3090 | 1767 | 500 | 100 | 61 | 430 | 48 | 0 | 647 | 390 | 100.0 | 194 | 0.73 | 0.15 | 49 |
| 391 | Nalanda | Sodh | 7.86 | 895 | 571 | 205 | 48 | 21 | 120 | 2 | 0 | 317 | 131 | 29.2 | 0 | 0.48 | 0.04 | 25 |
| 392 | Patna | Daniyawan | 8.53 | 281 | 173 | 100 | 8 | 19 | 17 | 3 | 12 | 104 | 11 | 3.6 | 13 | 0.63 | 0.00 | 27 |
| 393 | Patna | Patna City | 8.18 | 653 | 390 | 200 | 36 | 27 | 49 | 3 | 0 | 134 | 85 | 39.1 | 34 | 0.21 | 0.00 | 36 |
| 394 | Patna | Fatuha | 8.37 | 526 | 314 | 120 | 12 | 22 | 65 | 3 | 18 | 195 | 35 | 17.5 | 0 | 0.15 | 0.00 | 30 |
| 395 | Arwal | Arwal | 7.35 | 675 | 432 | 240 | 56 | 24 | 44 | 5 | 0 | 195 | 71 | 89 | 0 | 0 | 0 | 24 |
| 396 | Arwal | Gaurakshini | 7.35 | 1378 | 779 | 390 | 42 | 69 | 123 | 4 | 0 | 543 | 103 | 23 | 41 | 1 | 0 | 42 |
| 397 | Arwal | Imamganj | 7.57 | 663 | 394 | 170 | 20 | 29 | 71 | 3 | 0 | 226 | 78 | 21 | 10 | 1 | 0 | 23 |
| 398 | Arwal | Jhunathi | 7.72 | 579 | 365 | 190 | 40 | 22 | 48 | 2 | 0 | 275 | 36 | 10 | 10 | 0 | 0 | 29 |
| 399 | Arwal | Kinjer | 7.8 | 448 | 298 | 190 | 32 | 27 | 28 | 2 | 0 | 256 | 11 | 3 | 10 | 1 | 0 | 29 |
| 400 | Arwal | Kurtha | 7.56 | 494 | 303 | 170 | 20 | 29 | 35 | 4 | 0 | 268 | 21 | 3 | 0 | 1 | 0 | 27 |
| 401 | Jehanabad | Makhdumpur | 7.76 | 764 | 425 | 90 | 4 | 19 | 112 | 2 | 0 | 317 | 25 | 8 | 30 | 1 | 0 | 31 |
| 402 | Jehanabad | Tenibigha | 7.23 | 1792 | 1017 | 305 | 32 | 55 | 246 | 6 | 0 | 525 | 245 | 13 | 61 | 1 | 0 | 38 |
| 403 | Jehanabad | Jehanabad | 7.22 | 2590 | 1553 | 290 | 20 | 58 | 462 | 10 | 0 | 427 | 461 | 48 | 216 | 0 | 0 | 17 |
| 404 | Jehanabad | Kako | 7.46 | 2865 | 1862 | 570 | 36 | 117 | 378 | 80 | 0 | 793 | 397 | 13 | 248 | 1 | 0 | 23 |

| | | | | | | | | | | | | | | | | | | |
|-----|------------|-----------------------|------|---------|---------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|-------|------|-------|
| 405 | Patna | Andhra Chauki | 7.74 | 261 | 162 | 90 | 20 | 10 | 11 | 1 | 0 | 134 | 4 | 5 | 0 | 0 | 0 | 30 |
| 406 | Patna | Baliapakar | 8.25 | 1465 | 866 | 290 | 16 | 61 | 184 | 30 | 0 | 512 | 85 | 44 | 106 | 0 | 0 | 27 |
| 407 | Patna | Bharatpura | 8.99 | 934 | 543 | 110 | 12 | 19 | 153 | 1 | | 415 | 35 | 33 | 10 | 1 | 0 | 26 |
| 408 | Patna | Deokoli | 7.9 | 600 | 380 | 125 | 24 | 16 | 85 | 2 | 0 | 244 | 35 | 19 | 32 | 0 | 0 | 19 |
| 409 | Patna | Lalbengwan | 7.21 | 556 | 325 | 180 | 16 | 34 | 35 | 3 | 0 | 293 | 18 | 0 | 3 | 1 | 0 | 37 |
| 410 | Patna | Maner | 8.01 | 1514 | 920 | 310 | 40 | 51 | 215 | 3 | 0 | 354 | 220 | 6 | 144 | 1 | 0 | 24 |
| 411 | Patna | Mariwama | 8.2 | 384 | 226 | 125 | 28 | 13 | 30 | 1 | 0 | 195 | 14 | 3 | 4 | 0 | 0 | 14 |
| 412 | Patna | Nonia Tola | 7.5 | 477 | 300 | 125 | 22 | 17 | 57 | 4 | 0 | 220 | 43 | 1 | 15 | 0 | 0 | 8 |
| 413 | Patna | Raghopur | 8.18 | 1629 | 1068 | 600 | 80 | 97 | 166 | 12 | 0 | 470 | 337 | 20 | 44 | 0 | 0 | 25 |
| 414 | Patna | Snehi Tola, Naubatpur | 7.09 | 620 | 396 | 215 | 26 | 36 | 41 | 5 | 0 | 189 | 92 | 41 | 3 | 0 | 0 | 36 |
| 415 | Aurangabad | Aurangabad | 7.23 | 291 | 192 | 90 | 16 | 12 | 22 | 2 | 0 | 116 | 25 | 5 | 5 | 1 | 0 | 34 |
| 416 | Aurangabad | Barun | 7.41 | 1465 | 822 | 440 | 60 | 70 | 93 | 41 | 0 | 494 | 121 | 41 | 49 | 0 | 0 | 45 |
| 417 | Aurangabad | Daudnagar | 7.89 | 1930 | 1151 | 560 | 84 | 85 | 208 | 2 | 0 | 616 | 280 | 28 | 57 | 0 | 0 | 30 |
| 418 | Aurangabad | Deo | 7.7 | 420 | 262 | 120 | 24 | 15 | 29 | 8 | 0 | 122 | 11 | 22 | 45 | 1 | 0 | 33 |
| 419 | Aurangabad | Dhanibar | 7.85 | 556 | 347 | 165 | 22 | 27 | 42 | 11 | 0 | 189 | 28 | 39 | 40 | 0 | 0 | 22 |
| 420 | Aurangabad | Madanpur | 7.78 | 914 | 567 | 315 | 44 | 50 | 54 | 42 | 0 | 360 | 85 | 12 | 25 | 0 | 0 | 35 |
| 421 | Aurangabad | Nabinagar | 7.8 | 582 | 331 | 195 | 16 | 38 | 32 | 12 | 0 | 177 | 71 | 2 | 17 | 1 | 0 | 35 |
| 422 | Aurangabad | Narari Kala | 7.64 | 527 | 346 | 150 | 20 | 24 | 55 | 13 | 0 | 183 | 74 | 13 | 22 | 0 | 0 | 13 |
| 423 | Aurangabad | Obra | 7.27 | 1629 | 1025 | 440 | 80 | 58 | 180 | 21 | 0 | 634 | 156 | 41 | 71 | 1 | 0 | 29 |
| 424 | Aurangabad | Raftganj | 7.33 | 592 | 340 | 205 | 24 | 35 | 22 | 12 | 0 | 189 | 21 | 5 | 69 | 0 | 0 | 36 |
| | | Minimum | 6.76 | 93.00 | 58.83 | 20.00 | 4.00 | 2.40 | 3.97 | 0.07 | 0.00 | 36.60 | 3.55 | 0.00 | 0.00 | 0.00 | 0.00 | 4.03 |
| | | Maximum | 8.99 | 4386.00 | 2822.18 | 849.31 | 168.00 | 173.00 | 576.00 | 197.00 | 48.00 | 958.00 | 631.00 | 393.00 | 340.00 | 14.00 | 6.65 | 74.83 |
| | | Average | 7.80 | 862.31 | 519.48 | 237.16 | 35.67 | 36.22 | 77.92 | 19.19 | 2.40 | 299.62 | 86.09 | 26.69 | 27.81 | 0.56 | 0.17 | 25.76 |

District wise percentage of well showing Rise, fall or no significant trend during Pre-Monsoon and Post-Monsoon Season

| Sl No | District | Pre Monsoon | | | Post Monsoon | | |
|-------|-------------|----------------------|------|----------------------|----------------------|------|----------------------|
| | | Rise | Fall | No Significant Trend | Rise | Fall | No Significant Trend |
| | | <i>In Percentage</i> | | | <i>In Percentage</i> | | |
| 1 | Araria | 0 | 100 | 100 | 0 | 100 | 100 |
| 2 | Aurangabad | 29 | 71 | 71 | 33 | 66 | 67 |
| 3 | Banka | 25 | 75 | 50 | 13 | 87 | 64 |
| 4 | Begusarai | 14 | 86 | 57 | 57 | 43 | 71 |
| 5 | Bhagalpur | 44 | 56 | 56 | 10 | 90 | 70 |
| 6 | Bhojpur | 14 | 86 | 71 | 56 | 44 | 67 |
| 7 | Buxar | 40 | 60 | 80 | 50 | 50 | 75 |
| 8 | Darbhanga | 67 | 33 | 100 | 100 | 0 | 100 |
| 9 | Gaya | 0 | 100 | 71 | 0 | 100 | 67 |
| 10 | Gopalganj | 36 | 64 | 100 | 50 | 50 | 90 |
| 11 | Jamui | 0 | 100 | 86 | 29 | 71 | 71 |
| 12 | Jehanabad | 29 | 71 | 100 | 29 | 71 | 71 |
| 13 | Kaimur | 29 | 71 | 87 | 63 | 37 | 75 |
| 15 | Katihar | 0 | 100 | 71 | 8 | 92 | 92 |
| 16 | Khagaria | 57 | 43 | 86 | 57 | 43 | 71 |
| 17 | Kishanganj | 33 | 67 | 100 | 25 | 75 | 100 |
| 18 | Lakhisarai | 40 | 60 | 40 | 40 | 60 | 80 |
| 19 | Madhepura | 0 | 100 | 83 | 0 | 100 | 80 |
| 20 | Madhubani | 33 | 67 | 67 | 50 | 50 | 100 |
| 21 | Munger | 29 | 71 | 57 | 25 | 75 | 75 |
| 22 | Muzaffarpur | 10 | 90 | 90 | 38 | 62 | 85 |
| 23 | Nalanda | 60 | 40 | 100 | 63 | 37 | 100 |
| 24 | Nawada | 33 | 67 | 50 | 83 | 17 | 80 |
| 25 | W Champaran | 0 | 100 | 100 | 57 | 43 | 86 |
| 26 | Patna | 37 | 63 | 74 | 64 | 36 | 64 |
| 27 | E Champaran | 33 | 67 | 100 | 92 | 8 | 92 |
| 28 | Purnia | 20 | 80 | 100 | 33 | 67 | 100 |
| 29 | Rohtas | 14 | 86 | 71 | 67 | 33 | 75 |
| 30 | Saharsa | 0 | 100 | 86 | 14 | 86 | 86 |
| 31 | Samastipur | 0 | 100 | 50 | 0 | 100 | 25 |
| 32 | Saran | 33 | 67 | 67 | 67 | 33 | 67 |
| 33 | Sheikhpura | 0 | 0 | 0 | 0 | 0 | 0 |
| 34 | Sheohar | 0 | 0 | 0 | 0 | 0 | 0 |
| 35 | Sitamarhi | 25 | 75 | 100 | 25 | 75 | 100 |
| 36 | Siwan | 60 | 40 | 80 | 67 | 33 | 100 |
| 37 | Supaul | 25 | 75 | 100 | 86 | 14 | 100 |
| 38 | Vaishali | 60 | 40 | 100 | 80 | 20 | 100 |