

Based on the analysis of Sentinel-1A SAR Satellite Image of 28-08-2024

Map ID:

2024/FL/GJ/01a/28082024

Date of Issue: 29.08.2024

About the Event

Heavy rains are witnessed in Gujarat
(Source: News Media)

Satellite Observations:

This map highlights the areas representing flood inundation / Standing water just after the heavy rains.

Satellite Data Used

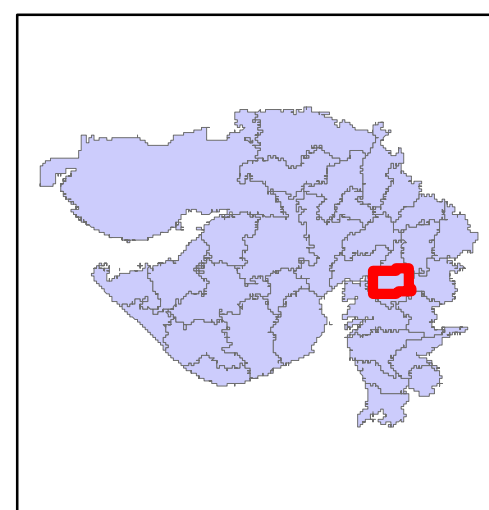
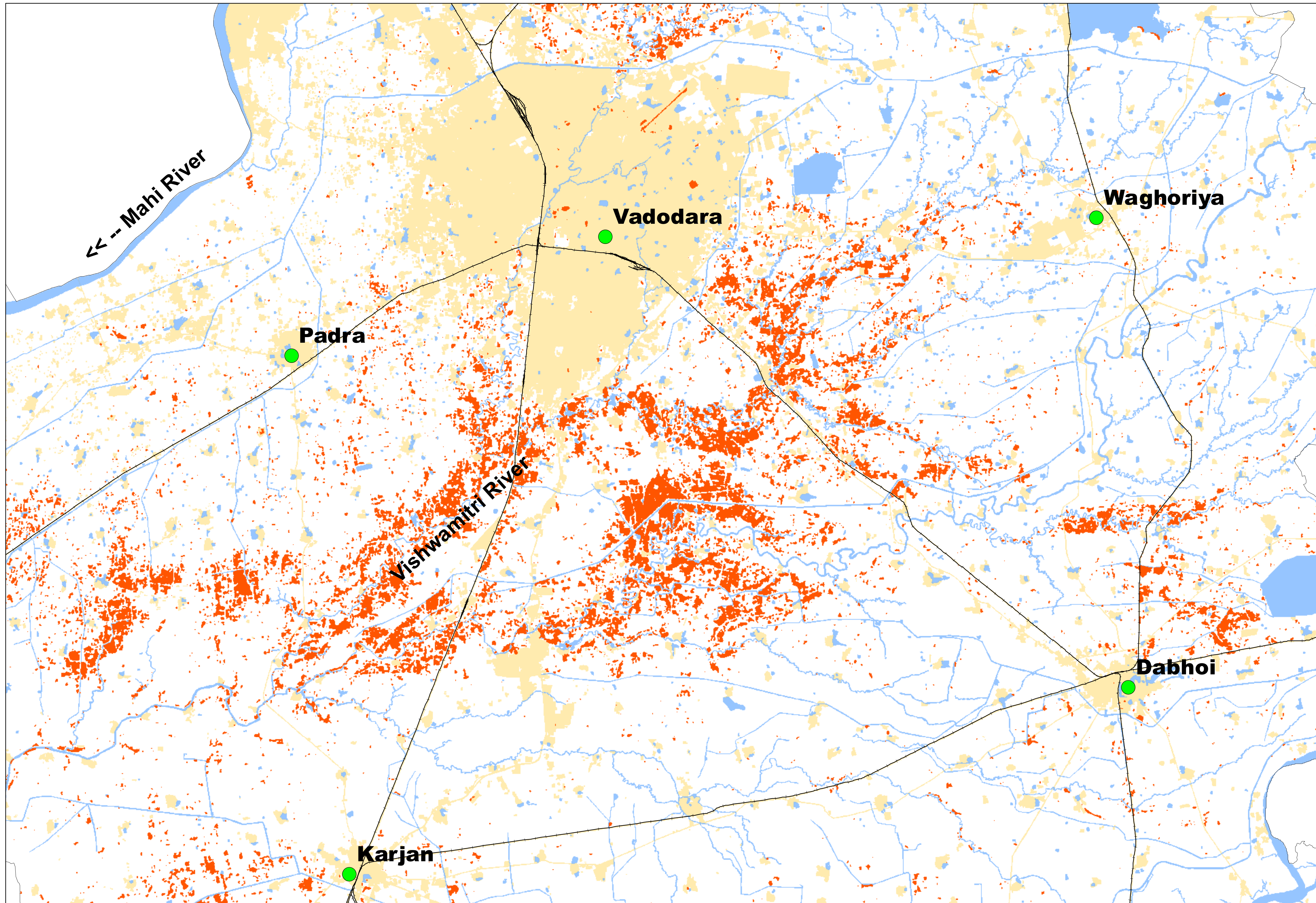
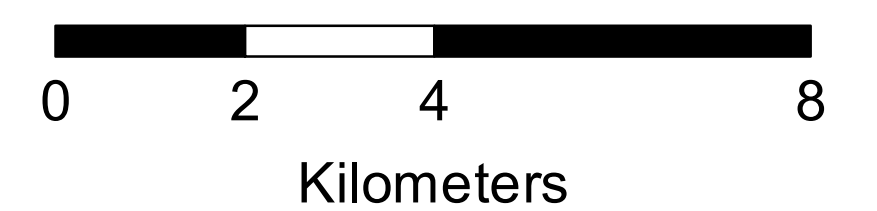
Pre Flood Data
Satellite: RISAT-1A MRS SAR
Date of Pass: 20-05-2024
Post Flood Data
Satellite: Sentinel-1A SAR
Date of Pass: 28-08-2024

Reference Data Used

NRSC Landuse/Landcover SISDP Phase-II Data of 2024, Bhuvan Geospatial Legacy Data

Legend

- Rain Affected Area
- Towns
- Vadodara
- Railway
- River/ Waterbody (Reference)
- Builtup Area



Disclaimer : Map represents the affected areas due to heavy rains and subsequent impact as standing water / very high moist regions which is reflected in satellite image post raining period. This will also include the flood inundated areas also which could not be represented separately due to similar microwave response from these two features.
 This Map is prepared on rapid mapping mode for immediate use and sharing amongst official agencies. This provides only preliminary interpreted results. All geographic information has limitations due to the scale, spatial resolution, date and interpretation of the original source materials.
 No ground verification is done
 Citation ' NRSC (2024) - Flood Inundated areas in Part of Gujarat State (as on 28.08.2024)', Map no : 2024/FL/GJ/01/28082024, NRSC/ISRO, Hyderabad.

Disaster Management Support Group
 Remote Sensing Applications Area
 National Remote Sensing Centre, ISRO
 Dept. of Space, Govt. of India
 Hyderabad- 500 037
 E-Mail: flood@nrsc.gov.in
www.nrsc.gov.in

Based on the analysis of Sentinel-1A SAR Satellite Image of 28-08-2024

Map ID:

2024/FL/GJ/01b/28082024

Date of Issue: 29.08.2024

About the Event

Heavy rains are witnessed in Gujarat
(Source: News Media)

Satellite Observations:

This map highlights the areas representing flood inundation / Standing water just after the heavy rains.

Satellite Data Used

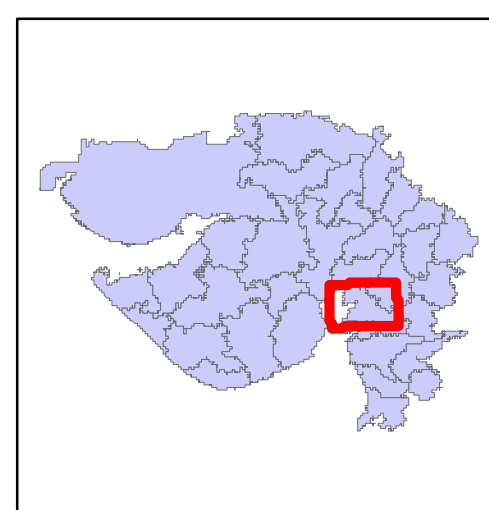
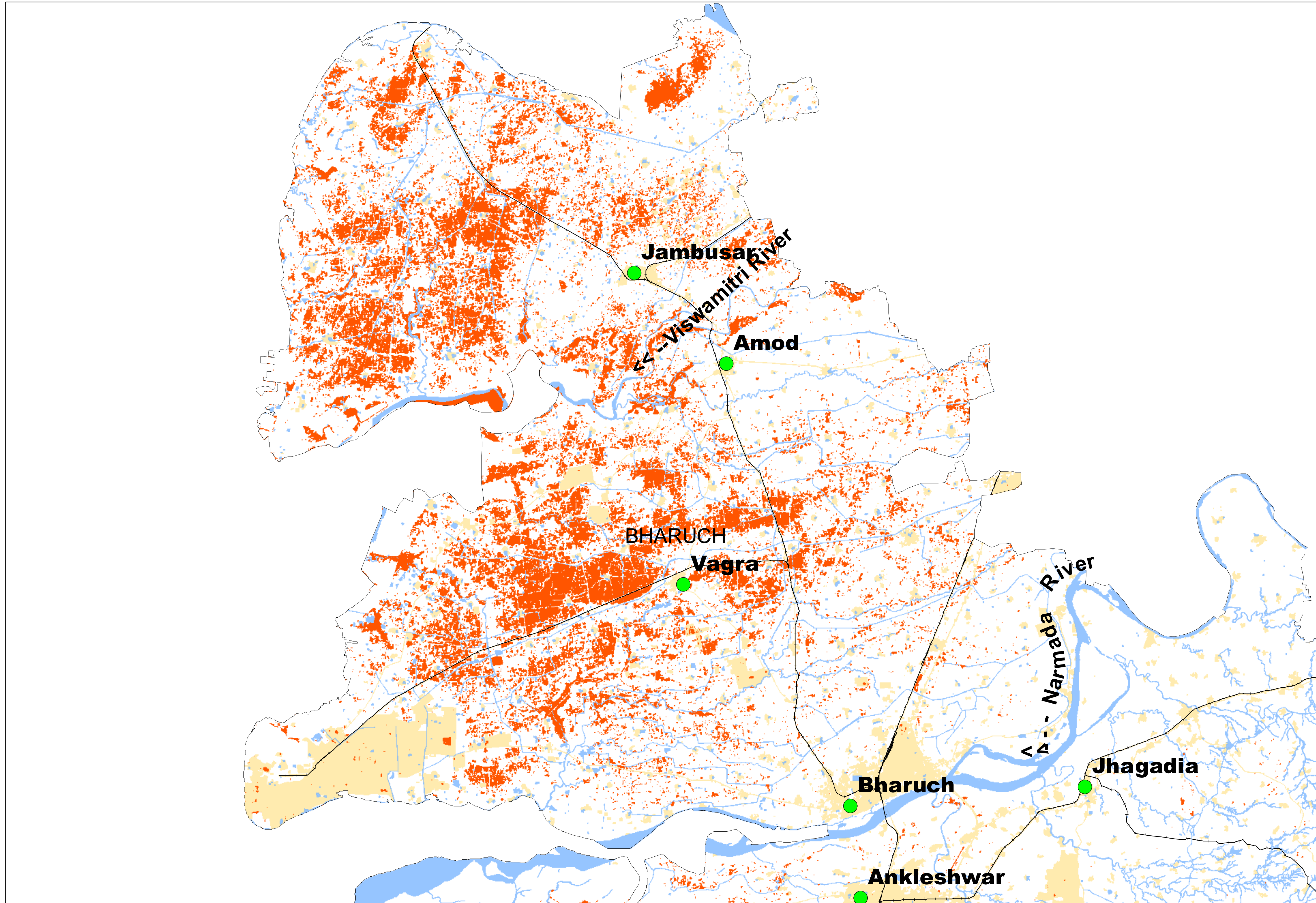
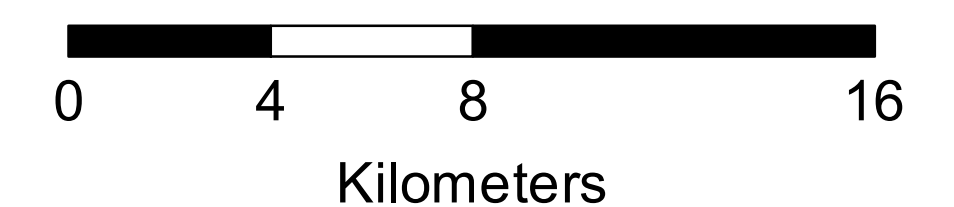
Pre Flood Data
Satellite:RISAT-1A MRS SAR
Date of Pass:20-05-2024
Post Flood Data
Satellite:Sentinel-1A SAR
Date of Pass: 28-08-2024

Reference Data Used

NRSC Landuse/Landcover SISDP Phase-II Data of 2024, Bhuvan Geospatial Legacy Data

Legend

- Rain Affected Area
- Bharuch
- Towns
- Railway
- River/ Waterbody (Reference)
- Builtup Area



Disclaimer : Map represents the affected areas due to heavy rains and subsequent impact as standing water / very high moist regions which is reflected in satellite image post raining period. This will also include the flood inundated areas also which could not be represented separately due to similar microwave response from these two features.
 This Map is prepared on rapid mapping mode for immediate use and sharing amongst official agencies. This provides only preliminary interpreted results. All geographic information has limitations due to the scale, spatial resolution, date and interpretation of the original source materials.
 No ground verification is done
 Citation ' NRSC (2024) - Flood Inundated areas in Part of Gujarat State (as on 28.08.2024)', Map no : 2024/FL/GJ/01/28082024, NRSC/ISRO,Hyderabad.

Disaster Management Support Group
 Remote Sensing Applications Area
 National Remote Sensing Centre, ISRO
 Dept. of Space, Govt. of India
 Hyderabad- 500 037
 E-Mail: flood@nrsc.gov.in
 www.nrsc.gov.in

Based on the analysis of Sentinel-1A SAR Satellite Image of 28-08-2024

Map ID:

2024/FL/GJ/01c/28082024

Date of Issue: 29.08.2024

About the Event

Heavy rains are witnessed in Gujarat
(Source: News Media)

Satellite Observations:

This map highlights the areas representing flood inundation / Standing water just after the heavy rains.

Satellite Data Used

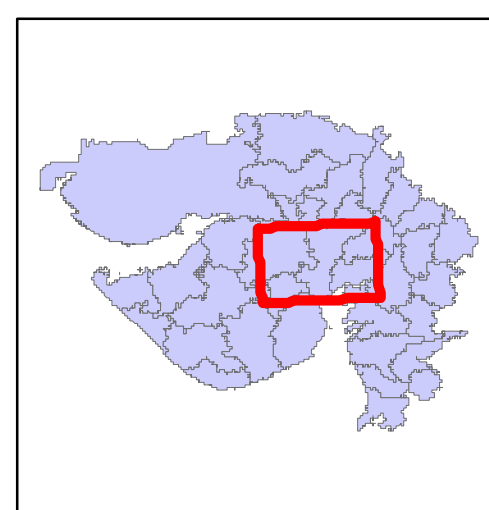
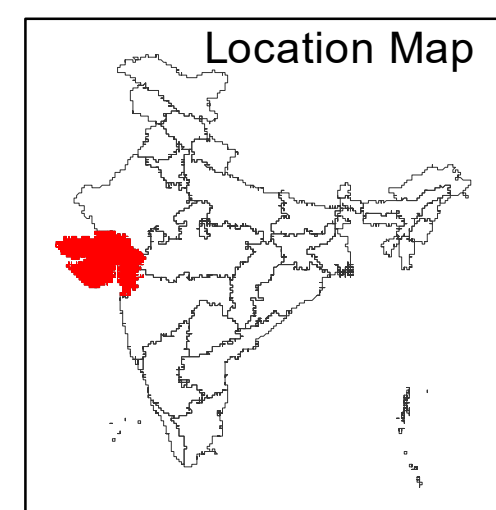
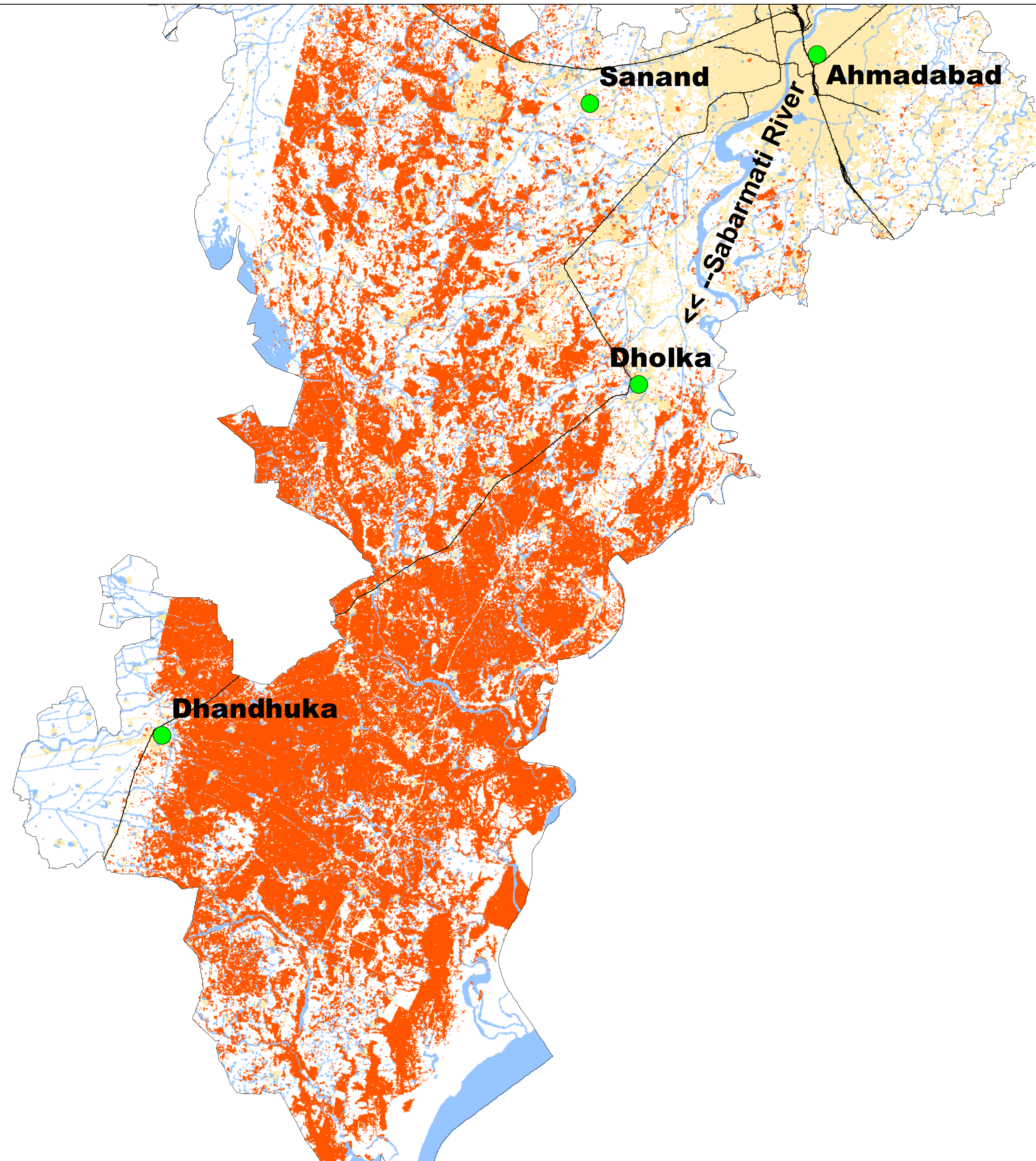
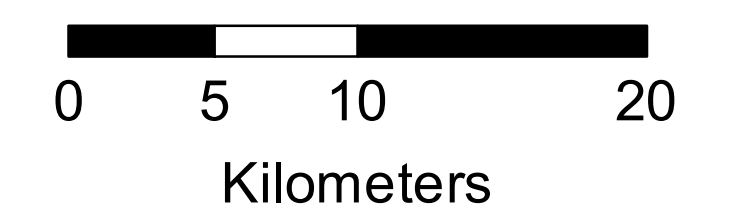
Pre Flood Data
Satellite:RISAT-1A MRS SAR
Date of Pass:20-05-2024
Post Flood Data
Satellite:Sentinel-1A SAR
Date of Pass: 28-08-2024

Reference Data Used

NRSC Landuse/Landcover SISDP Phase-II Data of 2024, Bhuvan Geospatial Legacy Data

Legend

- Rain Affected Area
- Towns
- Railway
- River/ Waterbody (Reference)
- Builtup Area



Disclaimer : Map represents the affected areas due to heavy rains and subsequent impact as standing water / very high moist regions which is reflected in satellite image post raining period. This will also include the flood inundated areas also which could not be represented separately due to similar microwave response from these two features.

This Map is prepared on rapid mapping mode for immediate use and sharing amongst official agencies. This provides only preliminary interpreted results. All geographic information has limitations due to the scale, spatial resolution, date and interpretation of the original source materials.

No ground verification is done

Citation ' NRSC (2024) - Flood Inundated areas in Part of Gujarat State (as on 28.08.2024)' , Map no : 2024/FL/GJ/01/28082024, NRSC/ISRO,Hyderabad.

Disaster Management Support Group
Remote Sensing Applications Area
National Remote Sensing Centre, ISRO
Dept. of Space, Govt. of India
Hyderabad- 500 037
E-Mail: flood@nrsc.gov.in
www.nrsc.gov.in

Map ID:

2024/FL/GJ/01d/28082024

Date of Issue: 29.08.2024

About the Event

Heavy rains are witnessed in Gujarat
(Source: News Media)

Satellite Observations:

This map highlights the areas representing flood inundation / Standing water just after the heavy rains.




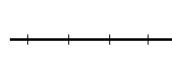
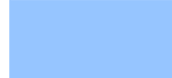

Satellite Data Used

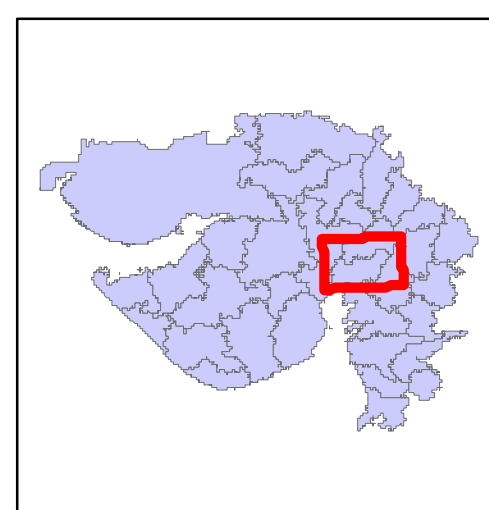
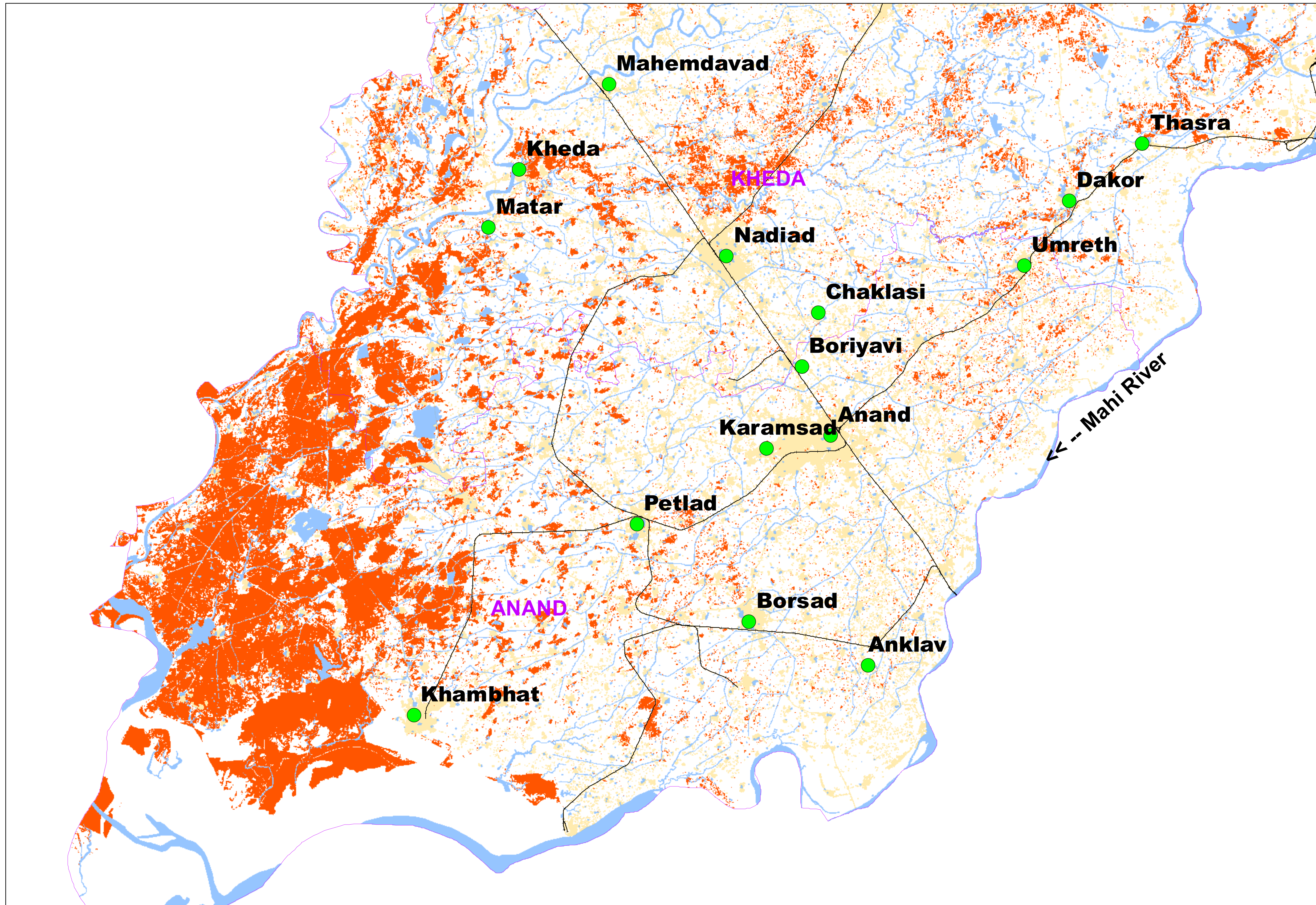
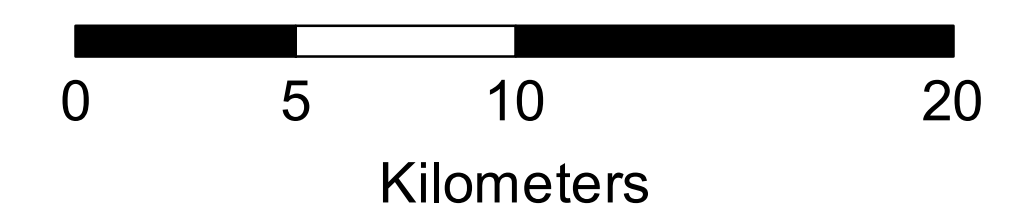
Pre Flood Data
Satellite:RISAT-1A MRS SAR
Date of Pass:20-05-2024
Post Flood Data
Satellite:Sentinel-1A SAR
Date of Pass: 28-08-2024

Reference Data Used

NRSC Landuse/Landcover SISDP Phase-II Data of 2024, Bhuvan Geospatial Legacy Data

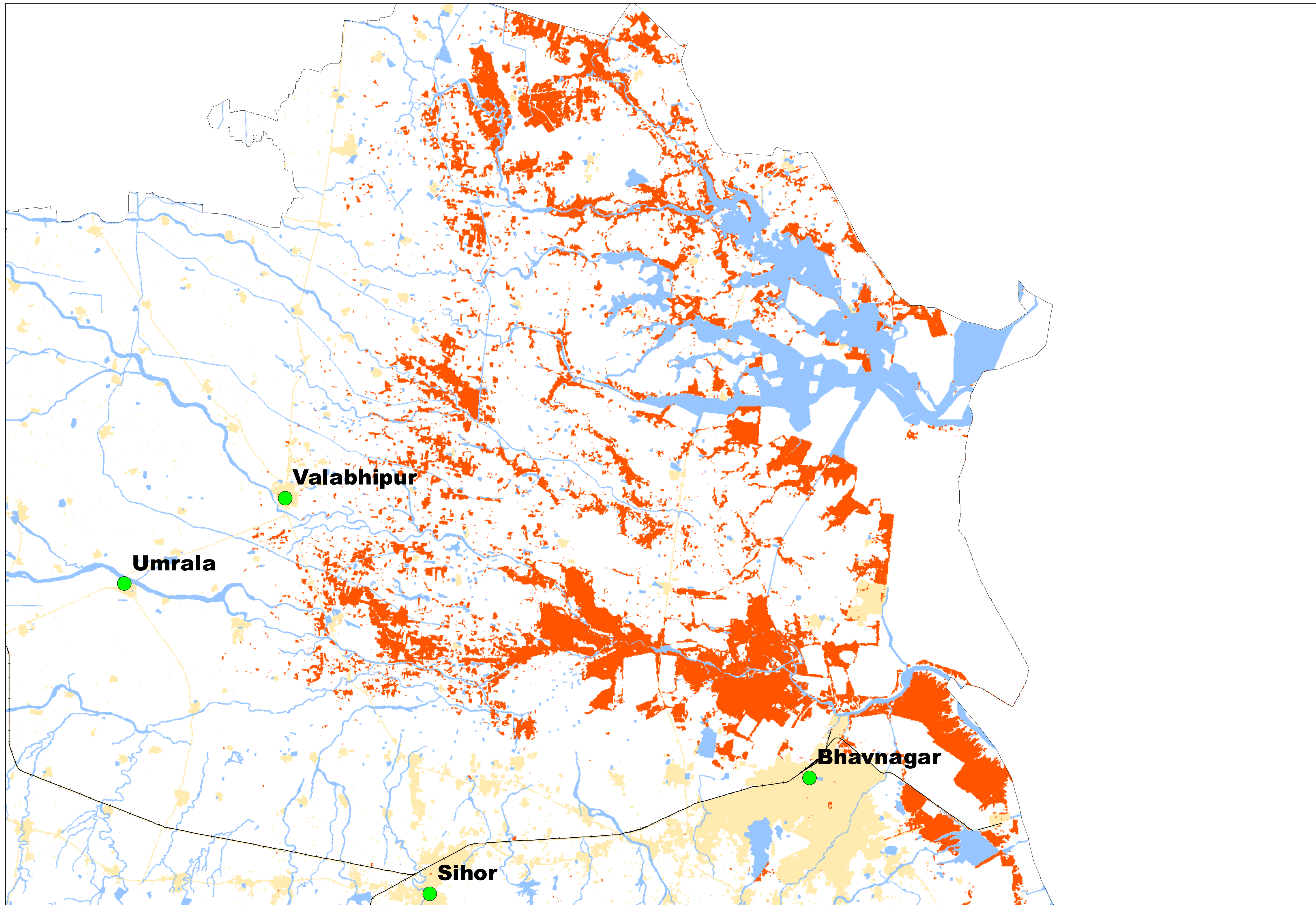
Legend

-  Rain Affected Area
-  District Boundary
-  Towns
-  Railway
-  River/ Waterbody (Reference)
-  Builtup Area



Disclaimer : Map represents the affected areas due to heavy rains and subsequent impact as standing water / very high moist regions which is reflected in satellite image post raining period. This will also include the flood inundated areas also which could not be represented separately due to similar microwave response from these two features.
This Map is prepared on rapid mapping mode for immediate use and sharing amongst official agencies. This provides only preliminary interpreted results. All geographic information has limitations due to the scale, spatial resolution, date and interpretation of the original source materials.
No ground verification is done
Citation ' NRSC (2024) - Flood Inundated areas in Part of Gujarat State (as on 28.08.2024)' , Map no : 2024/FL/GJ/01/28082024, NRSC/ISRO,Hyderabad.

Disaster Management Support Group
Remote Sensing Applications Area
National Remote Sensing Centre, ISRO
Dept. of Space, Govt. of India
Hyderabad- 500 037
E-Mail: flood@nrsc.gov.in
www.nrsc.gov.in



Map ID:

2024/FL/GJ/01e/28082024

Date of Issue: 29.08.2024

About the Event

Heavy rains are witnessed in Gujarat
(Source: News Media)

Satellite Observations:

This map highlights the areas representing flood inundation / Standing water just after the heavy rains.

Satellite Data Used

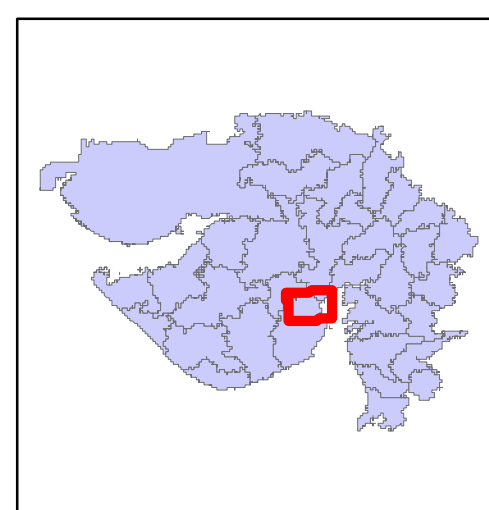
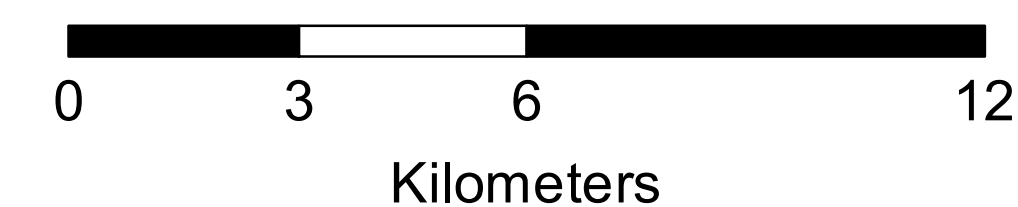
Pre Flood Data
Satellite:RISAT-1A MRS SAR
Date of Pass:20-05-2024
Post Flood Data
Satellite:Sentinel-1A SAR
Date of Pass: 28-08-2024

Reference Data Used

NRSC Landuse/Landcover SISDP Phase-II Data of 2024, Bhuvan Geospatial Legacy Data

Legend

- Rain Affected Area
- Towns
- Railway
- River/ Waterbody (Reference)
- Builtup Area



Disclaimer : Map represents the affected areas due to heavy rains and subsequent impact as standing water / very high moist regions which is reflected in satellite image post raining period. This will also include the flood inundated areas also which could not be represented separately due to similar microwave response from these two features.

This Map is prepared on rapid mapping mode for immediate use and sharing amongst official agencies. This provides only preliminary interpreted results. All geographic information has limitations due to the scale, spatial resolution, date and interpretation of the original source materials.

No ground verification is done

Citation ' NRSC (2024) - Flood Inundated areas in Part of Gujarat State (as on 28.08.2024)', Map no : 2024/FL/GJ/01/28082024, NRSC/ISRO,Hyderabad.

Disaster Management Support Group
Remote Sensing Applications Area
National Remote Sensing Centre, ISRO
Dept. of Space, Govt. of India
Hyderabad- 500 037
E-Mail: flood@nrsc.gov.in
www.nrsc.gov.in