

SHORELINE CHANGE MAP ANDHRA PRADESH



Shoreline change Trend for Period 1990 - 2021

- █ High Erosion
- █ Moderate Erosion
- █ Low Erosion
- █ Stable
- █ Low Accretion
- █ Moderate Accretion
- █ High Accretion

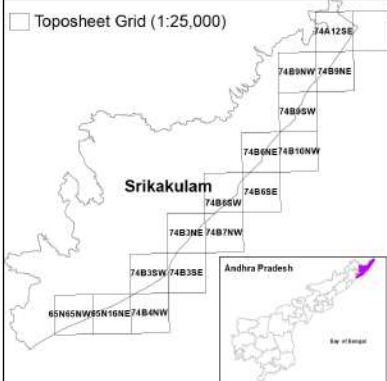
Shoreline Date

- 28/11/1990
- 29/01/1999
- 14/02/2005
- 19/01/2010
- 22/03/2015
- 06/03/2021

Data Sources : Satellite Data

Sensors	Date of acquisition
Landsat5-TM	28/11/1990
IRS P3-LISS- III	29/01/1999
IRS P6-LISS- III	14/02/2005
IRS P6-LISS- III	19/01/2010
Landsat8-OLI	22/03/2015
Landsat8-OLI	06/03/2021

- National Highway
- State Highway
- District Road



- Habitation
- █ Port
- Groyne
- Breakwater
- ▨ Rock
- ▨ Seawall
- ▨ Mandal Boundary
- ▨ District Boundary
- ▨ Tank/Pond/Lake
- River/Creek

S.No	Shoreline Classification (m/year)	length in Km
1	High Erosion (> -5)	0.00
2	Moderate Erosion (-5 to -2)	1.48
3	Low Erosion (-2 to -0.5)	26.54
4	Stable Coast (-0.5 to +0.5)	72.51
5	Low Accretion (+0.5 to +2)	45.75
6	Moderate Accretion (+2 to +5)	14.34
7	High Accretion (> +5)	6.55
Total		167.16