

## ***Tidal Flooding Alert for the period September 26 – October 2, 2015, for the Indian coastline***

*Tidal flooding is likely to occur during September 26 - October 2, 2015 in connection with the perigean spring tide (also called Supermoon or King Tide) of September 28, 2015. The coastal communities and other users are forewarned that there is a possibility of tidal flooding along the Indian coastline and other locations (including islands like Maldives) in the Indian Ocean in connection with this event, especially low lying areas. The low lying areas along the Kerala coast (southern Kochi, Alleppey, Kollam, Kannur, Kasaragod and Thiruvananthapuram), Lakshadweep, Andaman & Nicobar islands and some coastal parts of Andhra Pradesh (Visakhapatnam), and West Bengal (Sundarbans) are particularly vulnerable. Since the tidal range would be higher than that seen during the normal spring tides, there could be flooding (during the flood tide) as well as retreat of the water level further offshore (during the ebb tide). The tide induced water levels ie high tide (flooding) as well as low tide (ebbing) would be extreme. The tidal currents would also be maximum during this period. Swells (originated from 55° S, 40° E in the southern ocean) having a period of more than 15 sec and wave height of 1 – 2 m is compounding the tidal flooding from 28<sup>th</sup> September to 2<sup>nd</sup> October, 2015. Heavy local river discharge can compound the effects. The effects are likely to be more during September 28-30, 2015. This would be the maximum tide plus swell induced phenomena for the current year – 2015. [Additional Information](#)*

*Since the high water and low water timings vary from location to location along the coastline, users are requested to use the below link to monitor the tidal heights for their location of interest. We are providing four day tidal forecasts.*

*<http://www.incois.gov.in/portal/osf/tide.jsp>*

*We would greatly appreciate if you could send us a feedback on this tidal flooding alert. This would be useful for future reference in this context.*

*Please mention the following when you give the feedback.*

- 1. Name of the coastal location (in India):*
- 2. District:*
- 3. State:*
- 4. Time of tidal flooding, with dates:*
- 5. Time of tidal ebbing (water line retreat), with dates:*
- 6. Photographs, with the same angle:*
- 7. Your name and full contact details (mainly email and mobile number):*

*This may be sent with the subject: Tidal flooding for King Tide of September 25-30, 2015*

***This may please be sent to [bala@incois.gov.in](mailto:bala@incois.gov.in) as well as [harikumar@incois.gov.in](mailto:harikumar@incois.gov.in)***