

Morning Brief: No US Trump On Triumph As India, Russia Decide To Sign S-400 Deal; India's Shortest Passenger Train Service To Be Taken Off Rails; And More

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India Gets Its First Soil Moisture Map

The India Meteorological Department (IMD) and IIT Gandhinagar have prepared **India's first soil moisture map** at the end of this year's monsoon season. The map provides a country-wide soil moisture forecast at seven and 30-day lead times. The map, called 'Experimental Forecasts Land Surface Products', is available on the IMD's website. It uses the 'Variable Infiltration Capacity' model to provide moisture prediction. The map has become operational on an experimental basis and will be improved based on the inputs from the stakeholders.

According to the map, soil moisture deficit is likely in Gujarat, Bihar, Jharkhand, Tamil Nadu and southern Andhra Pradesh. In areas such as western Uttar Pradesh, Bundelkhand and Chhattisgarh, soil moisture conditions is likely to be normal or surplus at the start of the rabi sowing season. With moisture forecast available, farmers can experiment with different seed varieties.