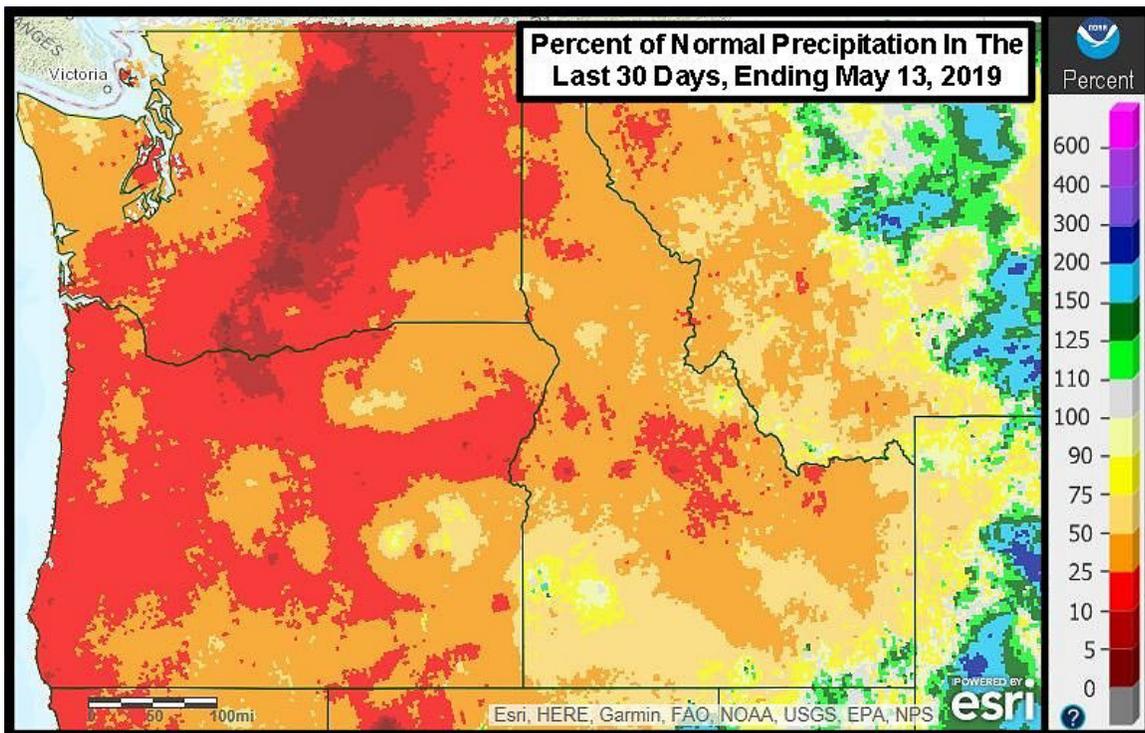


Rain To Improve Soil Moisture In U.S. Pacific Northwest

By Brad Luchen and Drew Lerner

Kansas City, May 15 (World Weather Inc.) – [Conditions in the Pacific Northwest will be trending wetter this week as a series of strong upper-level weather disturbances begins to move onshore. This will cause frequent periods of rain and some mountain snow into at least early next week. The region has been notably dry in the last 30 days and the precipitation will help increase topsoil moisture and promote a more favorable environment for development of winter crops and establishment of recently planted crops as well.](#)

Precipitation in the Pacific Northwest has been notably below average in the last 30 days, going back to the middle of April. Many areas have received only 15 percent to 55 percent of average moisture. Central and eastern Washington has been driest compared to normal with less than 5 percent of average moisture and southern Idaho has been wettest with 50-90% of average moisture.

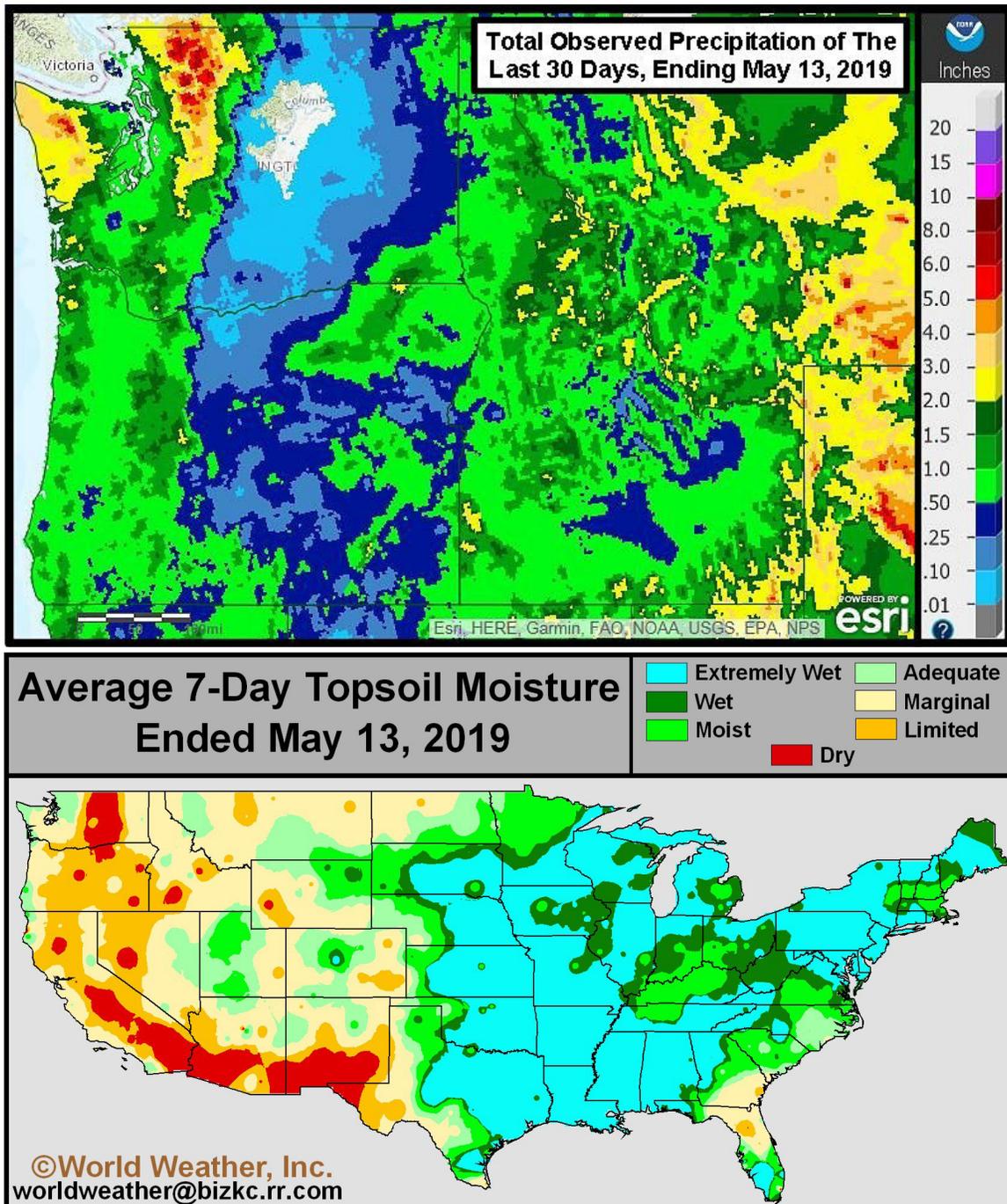


Observed moisture of the last 30 days was generally in a range of 0.25 to 1.00 inch. Amounts were lowest in central and eastern Washington, due to down-sloping winds that tend to dry out the air when surface winds blow across the Cascade Mountains from the west. Some local totals in Idaho were of as much as 2.00 inches.

Topsoil moisture as a result of the recently below average precipitation was rated short to very short in much of the Pacific Northwest, although many areas are irrigated which helps to reduce the impact of dryness on at least a portion of the region. Subsoil moisture is rated more favorably than that of the topsoil and should be supporting well established winter crop needs. However, unirrigated crops need moisture and that which is

Rain To Improve Soil Moisture In U.S. Pacific Northwest

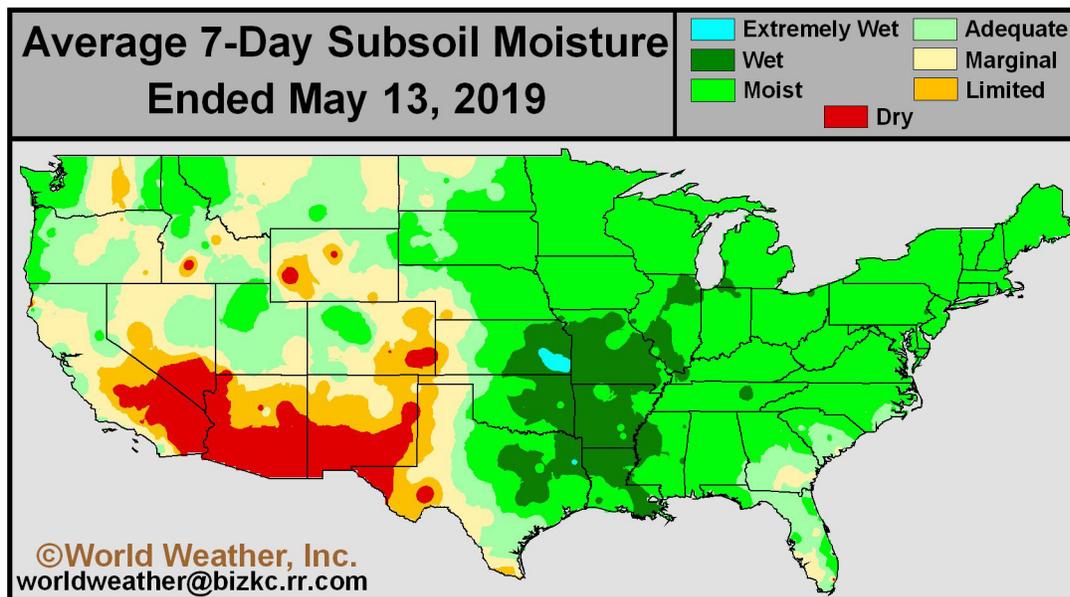
advertised in this coming week will be well timed and beneficial. Subsoil moisture is currently in a general range of adequate to short, with central Washington, southern Idaho, and eastern and north-central Oregon driest.



Precipitation will be increasing in the region as early this morning with a more aggressive trough of low pressure expected to come onshore and move across the region later today into Friday. The approaching storm system will bring on areas of significant rain

Rain To Improve Soil Moisture In U.S. Pacific Northwest

and mountain snow that should induce better field and crop conditions. This will be followed by another and potentially stronger upper-level low pressure system Saturday into Tuesday of next week promoting additional periods of meaningful rain and mountain snow. Moisture totals through Tuesday of next week will vary from 0.75 to 2.50 inches with local totals of more than 3.25 inches.



Spring planting is currently in progress and the moisture in the next week to ten days will promote a more favorable environment for crop establishment and development. Winter wheat is booting and beginning to head with some of the more immature crops still in the late joint stage. Much of the planting is already complete which makes the timing of rainfall extremely important and beneficial. Crop conditions will improve and new plant development rates will accelerate as the ground moistens.

There may be a total of three large scale rain events over the coming ten days and that should generate enough rainfall to seriously improve crop and field conditions.

World Weather, Inc. forecasts and comments pertaining to present, past and future weather conditions included in this report constitute the corporation's judgment as of the date of this report and are subject to change without notice. Comments regarding damage or the impact of weather on agricultural and energy as well as comments made regarding the impact of weather on the commodity and financial markets are the explicit opinions of World Weather, Inc. World Weather, Inc. cannot be held responsible for decisions made by users of the Corporation's information in any business, trade or investment decision.

©2019 World Weather, Inc. Any unauthorized redistribution, duplication or disclosure is prohibited by law and will result in prosecution.