

## **Climate Impact Company AG Global Climate ALERT/Sunday Brief**

**Issued: Sunday, November 12, 2017**

*Timeframe: Days 1-5, 6-10 and 11-15 plus week 3-4 commentary*

**Headline: Persistent wet weather in Brazil, excessive rainfall southeast  
Europe, arctic air stays north of the Great Plains**

### **South America**

**Days: 1-5:** Front stalls and wrings out attendant moisture on much of Brazil. Rainfall amount ranges from 1-3 in. from northern Mato Grosso and southern Para east to Bahia and northern Minas Gerais. A cold front brings locally heavy rain to far southeast Brazil to far northeast Argentina WED/THU.

**Days 6-10:** Next cold front (also) slows down and causes moderate rains in southwest to southeast Brazil (early period) to shift north to central and east-central Brazil later in the period. Temperatures are unusually cooler (by 10-20F) than normal.

**Days 11-15:** Yet another cold front this time focusing 2-4 in. of rain on southeast Paraguay to southeast Brazil and 1-3 in. across northern Mato Grosso/southern Para.

**Week 3 (Nov. 26-Dec. 2) and 4 (Dec. 3-9) ahead:** Moderate rain risk for Bolivia to Paraguay, Mato Grosso and Goias to Minas Gerais and Bahia while elsewhere is mainly dry.

### **United States**

**Days 1-5:** A lot of clouds but generally mild and lack of much precipitation into midweek. Cold front with a following polar (not arctic) air mass into the northern Plains/Upper Midwest late period.

**Days 6-10:** Another front with a developing storm in the Upper Midwest. Mild air makes this a rain storm with trailing colder air changing rain to snow on the back

side in Minnesota Friday and Wisconsin Friday night. Storm is intensifying drifting east across Great Lakes early next weekend. Blizzard conditions are possible Upper Midwest and southern Ontario Saturday while rain squalls charge east across the Ohio Valley. Briefly colder behind this storm Midwest but quickly milder again early next week most of the Central U.S.

**Days 11-15:** Mild to cool and back again as pattern is transitional. Arctic air stays in Canada. Passing fronts too quick to produce substantial precipitation (which is mostly rain).

**Week 3 (Nov. 26-Dec. 2) and 4 (Dec. 3-9) ahead:** Not seeing arctic air into U.S. Cold trajectory is Midwest to Southeast U.S. but air masses are quick and lack intensity.

## Europe

**Days 1-5:** Low pressure area over the south-central Alps drifts south into the central Mediterranean Sea this week. Another heavy snow event for the Alps while excessive rains (1-3 in.) affect Italy and Southeast Europe. Cold and snowy across northern Europe/northwest Russia.

**Days 6-10:** Storm rains' itself out over Greece early-to-middle period. Blocking pattern causes a broad cool trough to anchor over northwest Russia. No major storms but most of the precipitation is snow central/east Europe and northward.

**Days 11-15:** 2 storms emerge in southeastern Europe and turn north through Western Russia. Heaviest precipitation is across Ukraine (rain and snow mix) while northern Italy and parts of Southeast Europe are super wet again.

**Week 3 (Nov. 26-Dec. 2) and 4 (Dec. 3-9) ahead:** Upper trough Western Europe late November means a showery/chilly regime U.K., France and Germany while more rains are likely with mild temperatures Southeast Europe. The upper trough is weaker shifting to Eastern Europe week 4 ahead.

## Australia

**Days 1-5:** Hot in Victoria early this week with departures from normal of +10F to +20F. Heat touches southeast New South Wales briefly TUE/WED. Weak front ends the heat TUE/WED with heavy showers/thunderstorms. Front brings rains to eastern Australia by THU while a storm moves into southwest Australia late week.

**Days 6-10:** Southwest Australia is wet early in the period while showers linger early-to-middle period in the East.

**Days 11-15:** More rains on the East Coast and across Western Australia during the period.

**Week 3 (Nov. 26-Dec. 2) and 4 (Dec. 3-9) ahead:** Northern and southeastern Australia are wetter than normal late month with mainly just northern areas for anomalous rainfall in early December.