Previous 30-Day Temperature Difference Compared to Average (1981-2010)

Departure from Normal Temperature (°F)
6/20/2017 - 7/19/2017

Generated 7/20/2017 at HPRCC using provisional data.

Regional Climate Centers
CoCoRaHS Observed Precipitation:

July 13

4.66"
CoCoRaHS Observed Precipitation:

July 14

3.44"
Licking County Flooding
July 14

Photos courtesy of Ohio DOT:
Flooding of I-70 through Licking County in Central Ohio on July 14, 2017
Previous 7-Day Precipitation: Total
Previous 7-Day Precipitation: Percent of Normal
Previous 30-Day Precipitation Difference Compared to Average (1981-2010)

Percent of Normal Precipitation (%)
6/20/2017 – 7/19/2017

Generated 7/20/2017 at HPRCC using provisional data.

Regional Climate Centers

STATE CLIMATE OFFICE OF OHIO (SCO0)
COLLEGE OF FOOD, AGRICULTURAL, AND ENVIRONMENTAL SCIENCES
DEPARTMENT OF EXTENSION
BYRD POLAR & CLIMATE RESEARCH CENTER
DEPARTMENT OF GEOGRAPHY

The Ohio State University
Average streamflow compared to historical streamflow for the day of the year
Palmer Drought Severity Index (PDSI)

Drought Severity Index by Division
Weekly Value for Period Ending Jul 15, 2017
Long Term Palmer

DROUGHT SEVERITY INDEX (PALMER)
DEPICTS PROLONGED (MONTHS, YEARS) ABNORMAL DRYNESS OR WETNESS: REFLECTS SLOWLY; CHANGES LITTLE FROM WEEK TO WEEK; AND REFLECTS LONG-TERM MOISTURE RUNOFFS, RECHARGE, AND DEEP PERCOLATION AS WELL AS EVAPOTRANSPIRATION.
USES... APPLICABLE IN MEASURING DISRUPTIVE EFFECTS OF PROLONGED DRYNESS OR WETNESS ON WATER SENSITIVE ECONOMIES, DESIGNATING DISASTER AREAS OF DROUGHT OR WETNESS; AND REFLECTING THE GENERAL LONG-TERM STATUS OF WATER SUPPLIES IN AQUIFERS, RESERVOIRS AND STREAMS.
LIMITATIONS... IS NOT GENERALLY INDICATIVE OF SHORT-TERM (FEW WEEKS) STATUS OF DROUGHT OR WETNESS SUCH AS FREQUENTLY AFFECTS CROPS AND FIELD OPERATIONS (THIS IS INDICATED BY THE CROP MOISTURE INDEX).

-4.0 or less (Extreme Drought)  +2.0 to +2.9 (Unusual Moist Spell)
-3.0 to -3.9 (Severe Drought)    +3.0 to +3.9 (Very Moist Spell)
-2.0 to -2.9 (Moderate Drought)  +4.0 and above (Extremely Moist)
-1.9 to +1.9 (Near Normal)
Weather for the Week Ahead
Ag Highlights

- Crops are stressed from too much rain! Bottom line: Early planted crops are faring much better than late planted crops.

- **Corn**: Fields are highly variable due to replanting and wetness

- **Soybeans**: Lots of yellowing, stunted growth, “ugly looking”

NASS: Cheryl Turner –
Drought Monitor: No signs

30-Day and 60-Day: 1-3x normal; lots of standing water remains

Precipitation: After a short dry period, thunderstorms likely today through the weekend with locally heavy rain possible