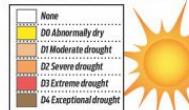


Warmest open to June in over a half century—northern Illinois continues in severe drought with little relief in sight over the coming 10-14 days

SEVERE DROUGHT AREA IS UNCHANGED FROM LAST WEEK, BUT MODERATE DROUGHT AND ABNORMALLY DRY AREAS HAVE EXPANDED



SOURCE: National Drought Mitigation Center droughtmonitor.unl.edu

Illinois drought June 1, 2021



Illinois drought June 8, 2021



THE 2nd DRIEST START TO A YEAR IN CHICAGO SINCE 1871
1/1 to 6/10

YEAR	PRECIP
1934	4.75"
2021	6.96"
1989	7.38"
1992	7.56"
1928	8.08"

WARM START TO JUNE—WARMEST MEAN AVG. TEMP FOR CHICAGO SINCE 1968
6/1 to 6/10

YEAR	MEAN AVG. TEMP
1963	79.1°
1933	78.6°
1925	77.0°
1968	76.0°
2021	75.8°

OVERNIGHT TEMPS REMAINED WARM—WARMEST MEAN MIN. TEMP JUNE START FOR CHGO. SINCE '63
6/1 to 6/10

YEAR	MEAN AVG. TEMP
1925	68.8°
1933	67.8°
1963	67.3°
2021	65.1°

GREATEST NO. OF DAYS WITH A TEMP OF 85 DEGREES PLUS FOR CHICAGO
Through 6/10

YEAR	NO. 85+ DAYS
1977	22
1962	17
1987	17
2012	15
2021	15

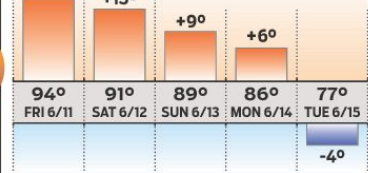
DRIEST STARTS TO JUNE FOR CHICAGO SINCE 1871

Tied for the 4th driest 6/1 to 6/10

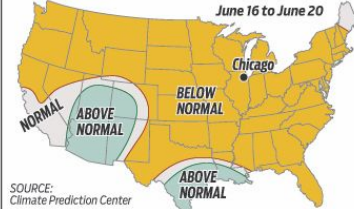
YEAR	PRECIP
1929	Trace
1976	Trace
1988	Trace
1894	.01"
1913	.01"
1956	.01"
1982	.01"
1994	.01"
2012	.01"
2021	.01"

WELL ABOVE NORMAL TEMPERATURES CONTINUE SEVERAL MORE DAYS UNTIL A BRIEF COOL-DOWN EARLY NEXT WEEK

Forecast Chicago high temps—how much above normal?

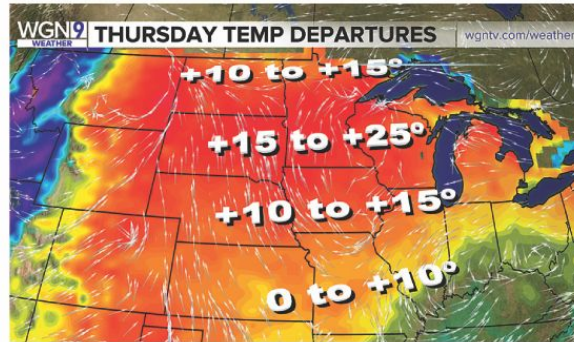


DRY CONDITIONS EXPECTED TO PERSIST THROUGH MIDDLE OF JUNE—6-10 DAY PRECIP OUTLOOK



SOURCE: Climate Prediction Center

THURSDAY HIGH TEMPS—HOW MUCH ABOVE NORMAL?



SOURCES: Frank Wachowski, National Weather Service archives

MARK CARROLL, BILL SNYDER AND JENNIFER M. KOHNKE / WGN-TV

ILLINOIS CLIMATE CHANGE ASSESSMENT SHOWS INCREASED TREND OF WARMER, WETTER WEATHER

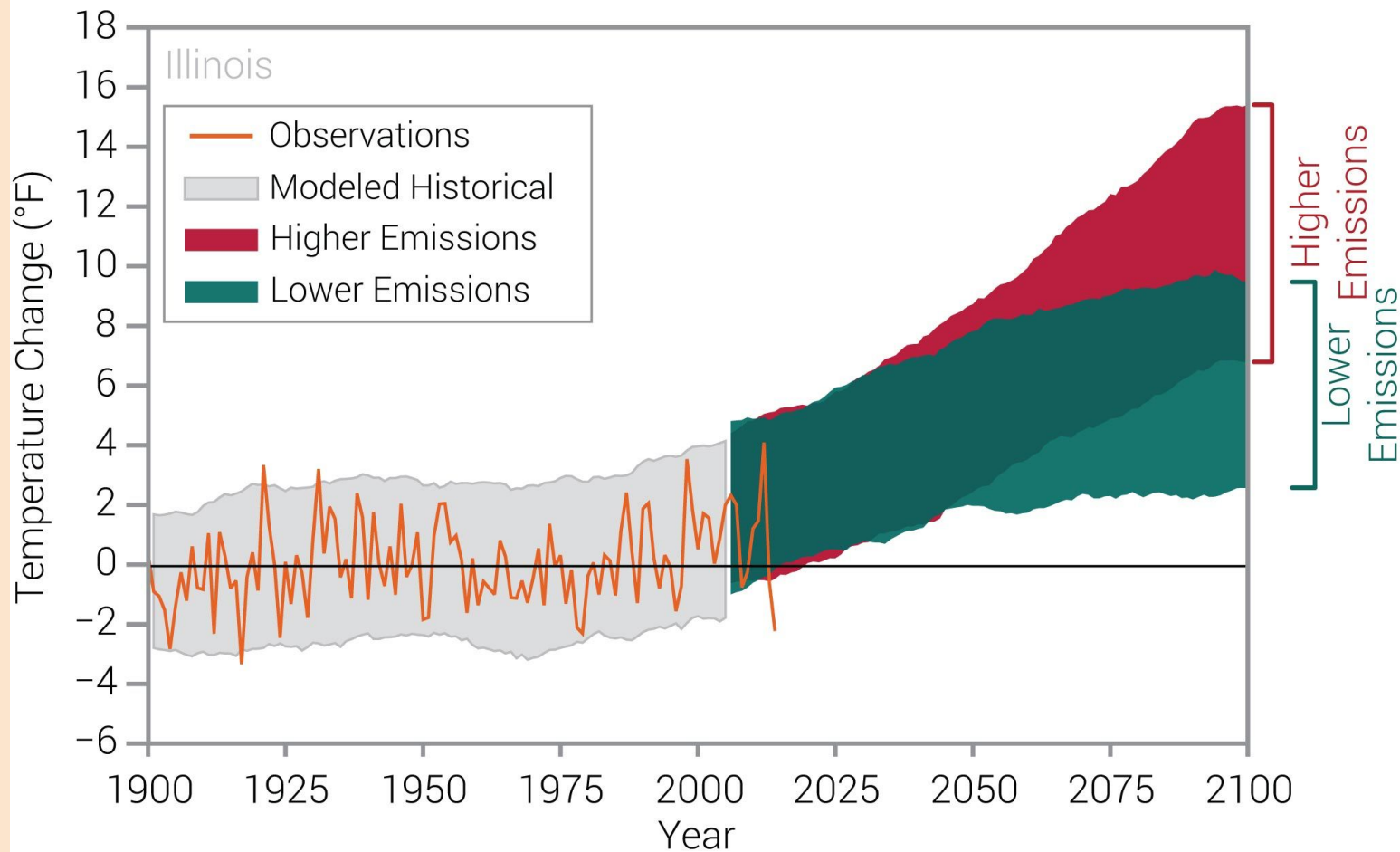
May 21, 2021 By Rhiannon Branch

Filed Under: Climate Change, Illinois, News, weather

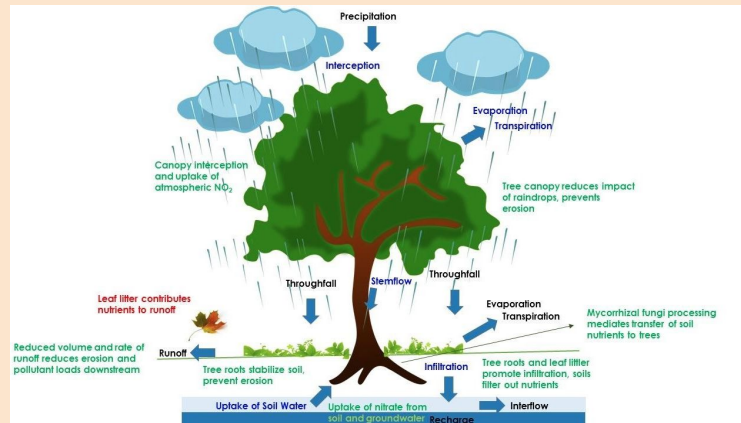
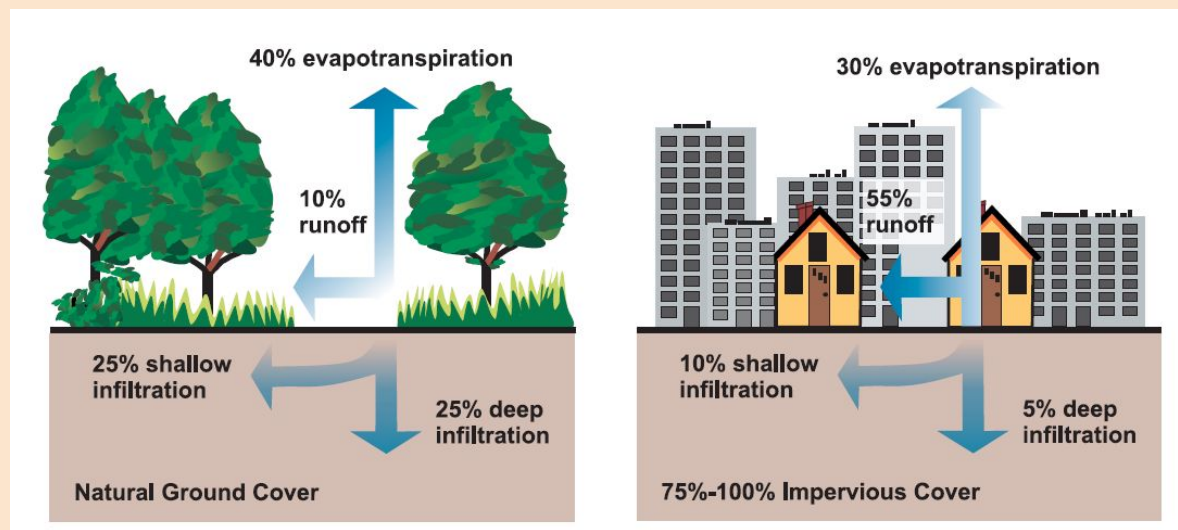


A new assessment of the impacts of climate change in Illinois shows an ongoing trend of warmer and wetter conditions in the state which pose challenges to agriculture.

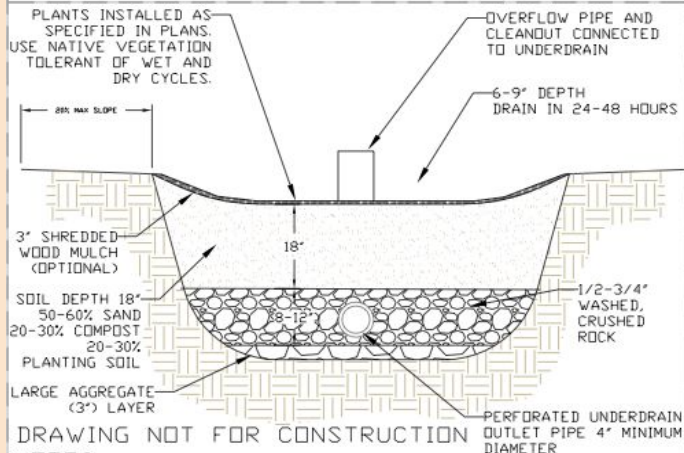
Observed and Projected Temperature Change







BIORETENTION FACILITY PLAN



DRAWING NOT FOR CONSTRUCTION

NOTES:

1. LOCATE FACILITIES AT LEAST 100 FEET FROM ANY WELLS OR SOURCE WATER LOCATIONS.
2. LOCATE FACILITY AT LEAST 25 FEET FROM ANY SEPTIC FIELDS AND UPGRADIENT IF POSSIBLE.
3. LOCATE FACILITY AT LEAST 25 FEET AND DOWNGRADIENT FROM BASEMENTS.
4. LOCATE FACILITY 5 FEET OR GREATER FROM A SLAB OR FOUNDATION.
5. RECOMMENDED MINIMUM AREA SHALL BE 200 SQUARE FEET WITH THE LENGTH AT A 2:1 RATIO OF THE WIDTH.
6. ADDITIONAL REGULATIONS MAY BE REQUIRED BY LOCAL ORDINANCES.
7. A GEOTEXTILE FABRIC SEPARATING THE LARGE AGGREGATE AND SOIL IS OPTIONAL.
7. DRAWING NOT TO SCALE.

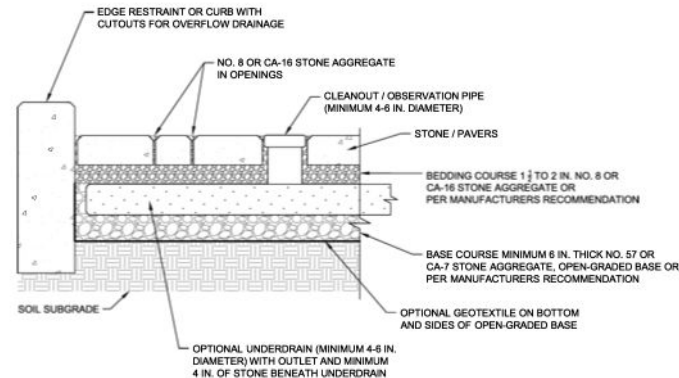
REFERENCE
Project _____
Designed _____ Date _____
Checked _____ Date _____
Approved _____ Date _____



STANDARD DWG. NO.
IUM-500
SHEET 1 OF 1
DATE 11-18-13

PERMEABLE STONE / PAVER SURFACE

FOR THE CONSTRUCTION OF A SMALL PERVIOUS SURFACE, SUCH AS A PATIO OR WALKWAY ACHIEVED WITH STONE OR CONCRETE PAVERS. PROJECTS WITH VEHICULAR TRAFFIC, STORMWATER STORAGE REQUIRED BY ORDINANCE, SLOPES GREATER THAN 5%, OR OTHER CHALLENGES, AS DETERMINED BY THE DIRECTOR OR ADMINISTRATOR IN A WAIVER COMMUNITY, WILL REQUIRE A DETAILED SITE-SPECIFIC DESIGN.



DESIGN

- **SURFACE SLOPE:** 5% MAXIMUM
- **SUBGRADE SLOPE:** 0-1% OR USE BAFFLES / CHECK DAMS
- **FOUNDATION SEEPAGE PROTECTION:** PAVEMENT SEPARATION OF LESS THAN 5 FEET, USE AN IMPERMEABLE MEMBRANE
- ALL AGGREGATE MATERIAL SHALL BE WASHED, CRUSHED, ANGULAR STONE THAT IS FREE OF FINES
- ROUTE SUMP PUMP AND GUTTER DISCHARGES AWAY FROM PAVEMENT TO AVOID REDUCED PERMEABILITY FROM SATURATION OR CLOGGING
- AN UNDERDRAIN IS RECOMMENDED IN SOILS WITH LOW PERMEABILITY (LESS THAN 0.5 IN/HR)

Thank You For Listening