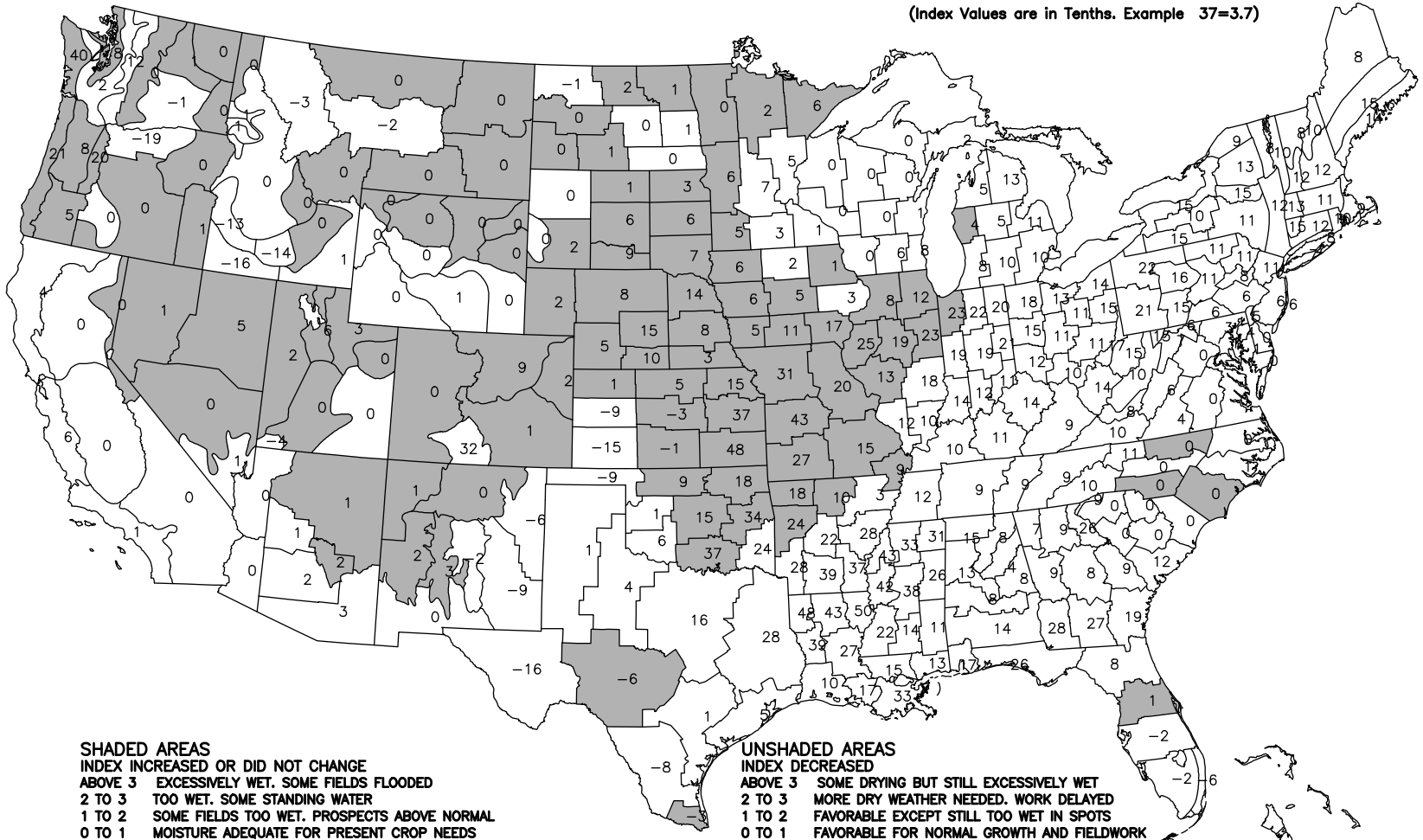
Crop Moisture Index

SHORT TERM, CROP NEED VS. AVAILABLE WATER IN A SHALLOW SOIL PROFILE

APR 27, 2024

(Index Values are in Tenths. Example 37=3.7)



SHADED AREAS
INDEX INCREASED OR DID NOT CHANGE

ABOVE 3	EXCESSIVELY WET. SOME FIELDS FLOODED
2 TO 3	TOO WET. SOME STANDING WATER
1 TO 2	SOME FIELDS TOO WET. PROSPECTS ABOVE NORMAL
0 TO 1	MOISTURE ADEQUATE FOR PRESENT CROP NEEDS
0 TO −1	PROSPECTS IMPROVED BUT RAIN STILL NEEDED
−1 TO −2	SOME IMPROVEMENT BUT STILL ABNORMALLY DRY
−2 TO −3	DRYNESS EASED BUT FIELDS STILL EXCESSIVELY DRY
−3 TO −4	SEVERE DRYNESS CONTINUES. MORE RAIN URGENTLY NEEDED
BELOW −4	NOT ENOUGH RAIN. STILL EXTREMELY DRY

UNSHADED AREAS
INDEX DECREASED

ABOVE 3	SOME DRYING BUT STILL EXCESSIVELY WET
2 TO 3	MORE DRY WEATHER NEEDED. WORK DELAYED
1 TO 2	FAVORABLE EXCEPT STILL TOO WET IN SPOTS
0 TO 1	FAVORABLE FOR NORMAL GROWTH AND FIELDWORK
0 TO −1	TOPSOIL MOISTURE SHORT. GERMINATION SLOW
−1 TO −2	ABNORMALLY DRY. PROSPECTS DETERIORATING
−2 TO −3	EXCESSIVELY DRY. YIELD PROSPECTS REDUCED
−3 TO −4	POTENTIAL YIELDS SEVERELY CUT BY DRYNESS
BELOW −4	EXTREMELY DRY. MOST CROPS RUINED

NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY

BASED ON PRELIMINARY DATA