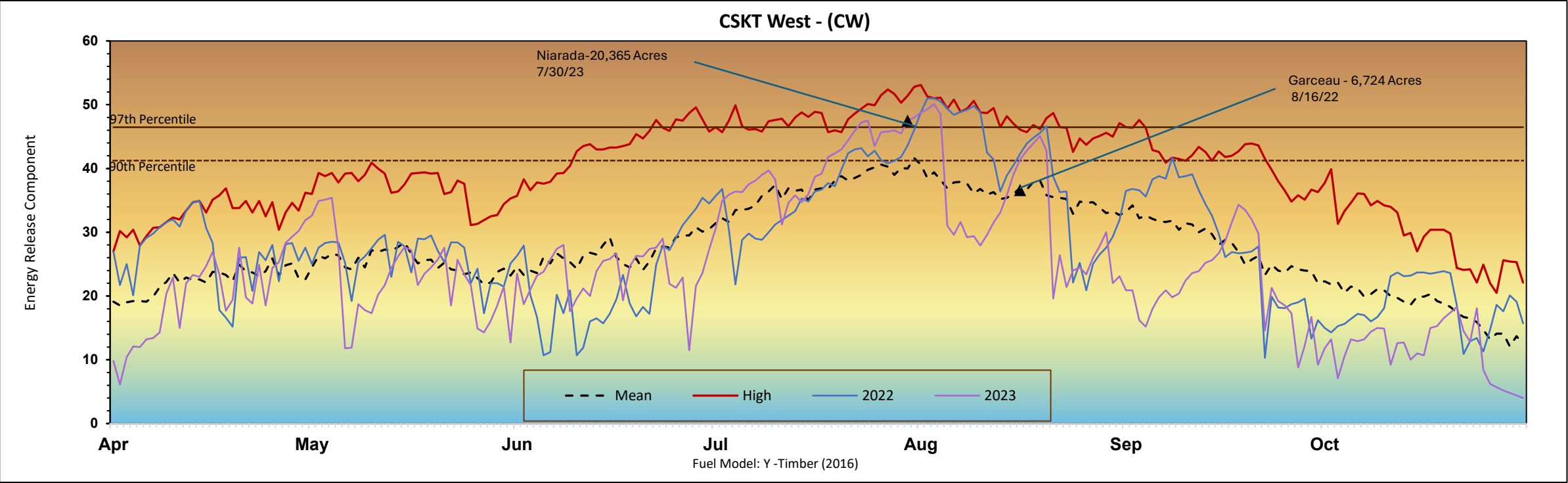




FIRE DANGER AREAS: CSKT West

FORECAST ZONE: 106 & 107

CSKT West RAWS

241403 Ronan, 241206 Plains
Stations meet NWCG Weather Station Standards

GRAPH INTERPRETATION: Energy Release Component (ERC) gives seasonal Trends calculated from temperature, humidity, and precipitation duration.

EXTREME – Use Extreme Caution

HIGH – Watch for Change

MODERATE – Lower Potential but always be aware.

AVG – Shows the Mean daily ERC values through the past 16 years.
CSKT West Daily Indices

MAX – Highest ERC by day for 2010-2025.

Mean- Shows average fire season over 16 Years (3424 observations)

90th Percentile – 10% of 3424 days from 2010-2025 had an ERC above 41.

97th Percentile – 3% of 3424 days from 2010-2025 had an ERC above 47.

LOCAL THRESHOLDS – WATCHOUT:

Combinations of any of these factors can greatly increase fire behavior:

20' Wind Speed: over 15 mph

RH: less than 20%

Temperature: over 80

1000-Hour Fuel Moisture: less than 10.

PAST EXPERIENCE:

Large fire growth is likely on days when dry cold frontal passages align with prevailing southwesterly winds and local drainages. Thermal belts are common and contribute to elevated nighttime fire activity, including increased spotting, torching, and passive crown fire. Additionally, the Zone experienced extensive wind damage during late winter and early spring of 2026. As these downed and damaged fuels continue to dry and become available, a significant increase in fire activity should be anticipated in affected areas.

Fire	Date	Total Acres	Weather Conditions
Niarada	7/30/2023	20,365	Max Temp 96, Min RH 12 Max wind 24 mph, ERC 47.5
Garceau	8/15/2022	6,724	Max Temp 93, Min RH 14 Max wind 8 mph, ERC 36.6

