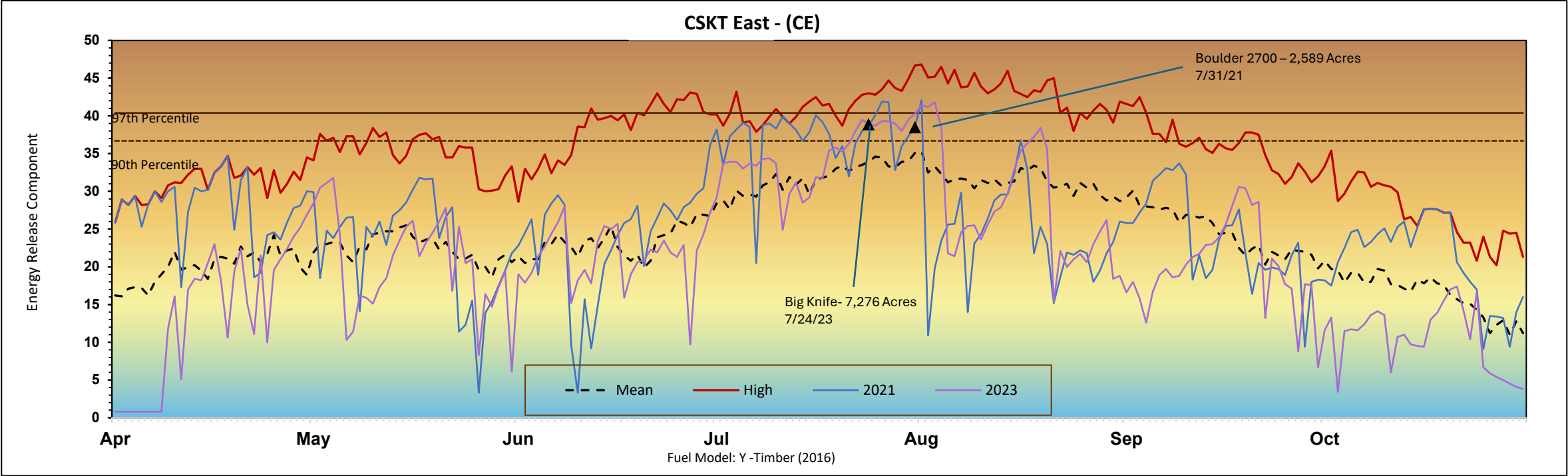




FIRE DANGER AREAS: CSKT East
FORECAST ZONE: 106 & 107
CSKT East RAWS
241403 Ronan,
Stations meet NWCG Weather Station Standards
GRAPH INTERPRETATION: Energy Release Component (ERC) gives seasonal Trends calculated from temperature, humidity, and precipitation duration.

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 (3422 observations)
90th Percentile – 10% of 3422 days from 2010-2025 had an ERC above 37.
97th Percentile – 3% of 3422 days from 2010-2025 had an ERC above 40.

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
Boulder 2700	7/31/2021	2,589	Max Temp 99, Min RH 23 Max wind 25 mph, 38.5
Big Knife	7/24/2023	7,276	Max Temp 98, Min RH 16 Max wind 21 mph, 38.9

