North Ops
2021 Fire Season Outlook
Early Analysis
Normal Large Fire Potential
April through June

Significant Fire Potential
Mar – Jun 2021

map key:

- Above Normal
- Normal
- Below Normal

Normal Large Fire Potential
July...and August

Significant Fire Potential
July 2021

map key:

- Above Normal
- Normal
- Below Normal
Precipitation since Oct 1 - % of normal
Precipitation since Jan 1 - % of normal
Fuel and soil moisture are below average due to the dry conditions. This trend is expected to continue through the end of the rainy season.
CPC
May
PCPN

ONE-MONTH OUTLOOK
PRECIPITATION PROBABILITY
0.5 MONTH LEAD
VALID MAY 2021
MADE 15 APR 2021

EC MEANS EQUAL
CHANCES FOR A, N, B
A MEANS ABOVE
N MEANS NORMAL
B MEANS BELOW

Probability of Below
Probability of Near-Normal
Probability of Above
CPC
May Temps

ONE-MONTH OUTLOOK
TEMPERATURE PROBABILITY
0.5 MONTH LEAD
VALID MAY 2021
MADE 15 APR 2021

EC MEANS EQUAL
CHANCES FOR A, N, B
A MEANS ABOVE
N MEANS NORMAL
B MEANS BELOW
THREE-MONTH OUTLOOK
TEMPERATURE PROBABILITY
3.5 MONTH LEAD
VALID JAS 2021
MADE 18 MAR 2021

CPC
Jun-Jul-Aug
Temps

EC MEANS EQUAL CHANCES FOR A, N, B
A MEANS ABOVE
N MEANS NORMAL
B MEANS BELOW
As it looks now...

- Dry fuels of all sizes and types in all areas
- Weak snowpack – early and light melt off
- Normal to below normal low elevation fine fuel crop that cures early
As things look now...

• Early start to fire season in most areas

• Closer to normal summer/fall fire season below 3000 ft

• More active than normal fire season above 3000 ft
What We Don’t Know Yet

• W Coast or 4 Corners high – frequency and duration of heat waves

• Monsoon – lightning amount and locations

• Fall N-NE/Offshore winds – frequency and strength
What We Don’t Know Yet

• Beginning of fall 2021 rainy season

• Large burn scars from 2020 – do they reduce chance of large fires in 2021 in those areas? (This would affect our outlooks more than our day-to-day products)
Conclusion (at this point)

• Early start to fire season in most areas

• Closer to normal late summer/fall fire season below 3000 ft

• More active than normal and earlier start than normal to fire season above 3000 ft
What does this mean for the activities of the MWPA?

• Should we alter/accelerate our path due to these predictions?

• How do we help the public to be prepared based on these predictions?
Questions?