Weather Dew point (°C) Air temperature (°C) Relative humidity (%) 10 50 40 0 20 30 -10 10 20 --20 **VPD** Wind speed (m/s) 25 25 20 20 15 15 10 10 5 **Fuel** Fuel load (t/ha) Fuel moisture (%) 120 6 90 4 • 60 2 . 30 0 Fire behavior Soil surface temp (°C) Flame temp (°C) Rate of spread (m/s) 30 500 -400 -400 20 300 200 10 200 100

Location Central Grasslands Hettinger