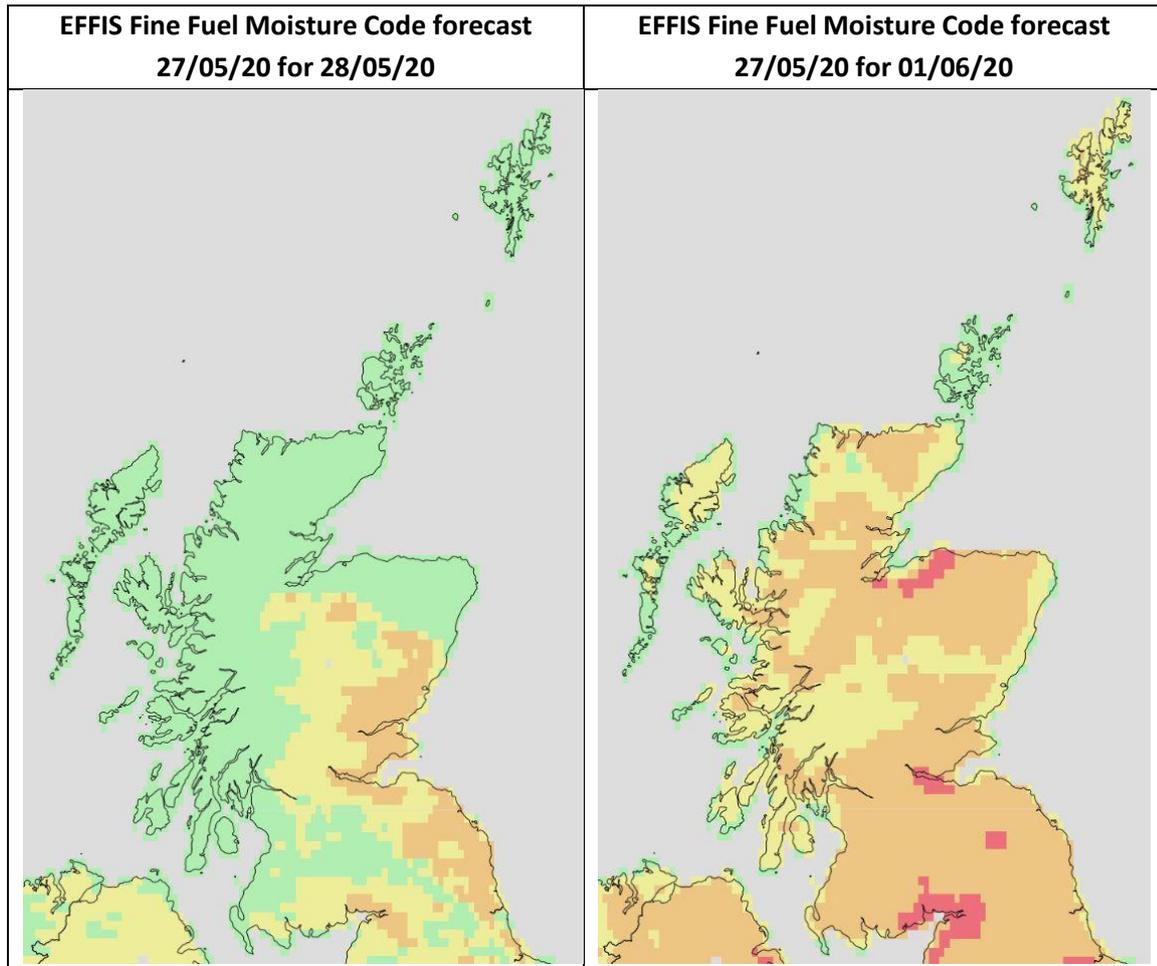


**Wildfire Danger Assessment for – Thursday 28<sup>th</sup> May - Monday 1st June 2020 for Scotland.**

**The overall fire danger assessment is:**

- **Scotland – VERY HIGH 29<sup>th</sup> May – 1<sup>st</sup> June**
- **Eastern, Central and Southern Scotland – VERY HIGH 28<sup>th</sup> May,**

**Ignition Potential - Fine Fuel Moisture Code:**

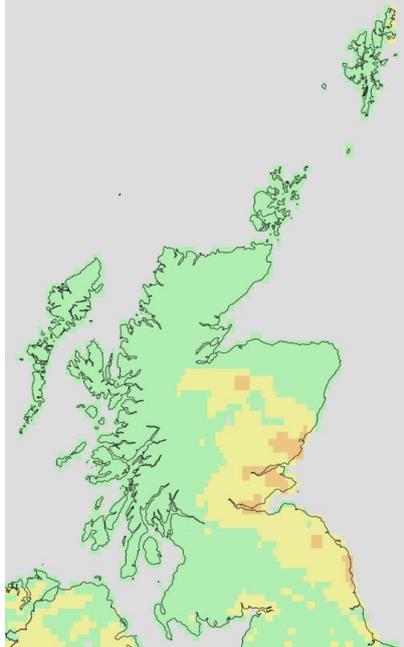
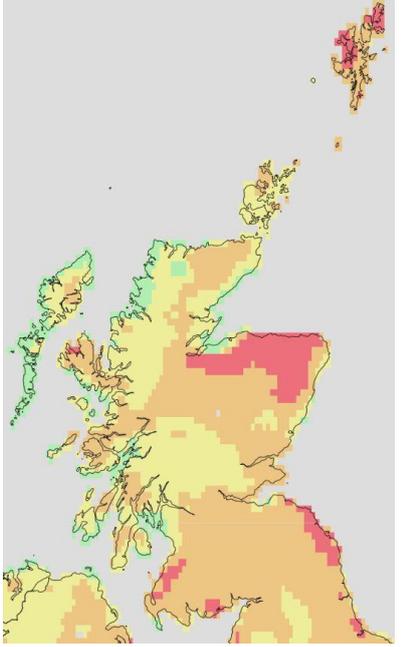
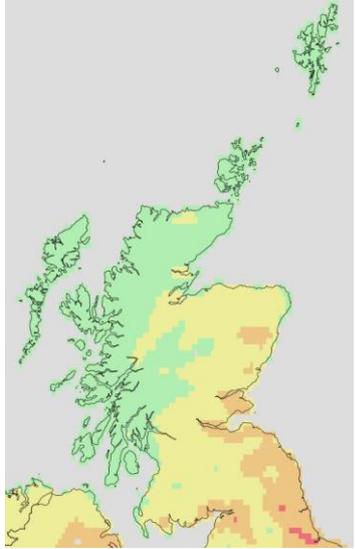


**Key for Scotland:**

**Green – Low / Moderate / High**

**Yellow – Very High**

**Brown/Red/Black - Extreme**

<p align="center"><b>EFFIS Initial Spread Index forecast 27/05/20 for 28/05/20</b></p>	<p align="center"><b>EFFIS Initial Spread Index forecast 27/05/20 for 01/06/20</b></p>
	
<p align="center"><b>EFFIS Duff Moisture Code forecast 27/05/20 for 01/06/20</b></p>	
	<p align="center"><b>Key for Scotland:</b>  <u>Green – Low / Moderate / High</u>  <u>Yellow – Very High</u>  <u>Brown/Red/Black - Extreme</u></p>

**Seasonal condition of the fuels:**

Late May to early June - at this time of year, spring is turning into early summer, the seasonal condition of the fuels (vegetation) is changing. There is new green growth at low altitude but the semi-natural grasses and heathers on the higher moorland areas have still not really started growing. There is still a significant amount of last year's dead material, which will be reacting most to the combination of previous rain, sunshine, warm dry weather, low relative humidity and wind. The dead material can still dry out quickly.

### **General weather forecast information:**

Last night and this morning a band of rain passed over northern Scotland. A high pressure is now developing system over Scotland / North Sea, which is forecast to last until Monday. All areas will become dry. There will be sunny warm days from Friday - Monday. Winds will be light to moderate, generally southerly. The exception will be some cooler onshore breezes with easterly winds along the east coast initially. Maximum mid-afternoon air temperature 22C, warmest in the west. Humidity levels will be quite low 48 – 60% everywhere, until it rains. A weather fronts with extensive showers is forecast for Tuesday. As always give attention to local weather forecasts.

### **Discussion:**

The key issues over the weekend are the continuing sunny days with warm temperatures and low relative humidity and little rain. Dead fine fuels will dry out and stay dry in these conditions

**By Friday 29<sup>th</sup> both FFMC and ISI are above key thresholds in most of Scotland indicating the potential for wildfire ignitions to occur and fires to spread.** Lower soil layers in northern areas are still damp from recent rain but drier in southern areas where there is potential for some smouldering.

Overall fires could burn and spread, with high fire intensity in all parts of Scotland from 29<sup>th</sup> May, with potential for smouldering in southern Scotland.