Assessing vegetation response to soil moisture fluctuation under extreme drought using Sentinel-2

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Online Supplemental Material
**Figure S1 - Measured Soil Moisture and Precipitation at Merced**

**Figure S2 - Measured Soil Moisture and Precipitation at Fallbrook**
Figure S3 - Measured Soil Moisture at Ford Dry Lake (Precipitation for this Site was not Available)

Figure S4 - Measured Soil Moisture and Precipitation at Las Cruces
Figure S5 - Measured Soil Moisture at Desert Centre (Precipitation for this Site was not Available)

Figure S6 - NDVI & Measured Soil Moisture at 10cm at Merced
Figure S7 - NDVI & Measured Soil Moisture at 20cm at Merced

Figure S8 - NDVI & Measured Soil Moisture at 50cm at Merced
Figure S9 - NDVI & Measured Soil Moisture at 5cm at Fallbrook

Figure S10 - NDVI & Measured Soil Moisture at 10cm at Fallbrook
Figure S11 - NDVI & Measured Soil Moisture at 5cm at Ford Dry Lake

Figure S12 - NDVI & Measured Soil Moisture at 10cm at Ford Dry Lake
Figure S15 - NDVI & Measured Soil Moisture at 100cm at Ford Dry Lake

Figure S16 - NDVI & Measured Soil Moisture at 5cm at Las Cruces
Figure S19 - NDVI & Measured Soil Moisture at 50cm at Las Cruces

Figure S20 - NDVI & Measured Soil Moisture at 20cm at Desert Centre
Figure S21 - NDVI & Measured Soil Moisture at 50cm at Desert Centre