Equations for copy-paste. USE CTRL+V to paste into Band Maths Expression Editor

Figure 8 equation

(PI*(red -9.31)*(1.017^2))/(1570.16*0.9188)

Figure 9 equations

(PI*(near_infrared -1.583)*(1.017^2))/(960.86*0.9188)

(refl_nir- refl_red)/(refl_nir+ refl_red)

Figure 10 equations

if NDVI<0.2 then 0.2 else NDVI

if NDVI_2>0.5 then 0.5 else NDVI

Figure 11 equation

((NDVI_3-0.2)/0.3)*((NDVI_3-0.2)/0.3)

Figure 12 equations

LSEs: 0.98-0.042*refl_red

LSEmixed: 0.971*(1-P_v)+0.987*P_v

LSE_1: if NDVI_3<0.201 then LSEs else NDVI_3

LSE_2: if LSE_1==0.5 then 0.99 else LSE_1

LSE: if LSE_2<0.5 then LSEmixed else LSE_2

Figure 13 equations

T_{sen} : 1321.0789/(log((774.8853/ 'thermal_infrared_(tirs)_1')+1))

gamma: (Tsen*Tsen)/(1324* 'thermal_infrared_(tirs)_1')

delta: T_{sen}-((T_{sen}*T_{sen})/1324)

LST: gamma*(((1/ LSE)*(1.3513* 'thermal_infrared_(tirs)_1'-6.53))+3.57)+ delta