Import		
List of images	Calibration parameters	M and Σ^{-1} from master table

For each image

Calibrate image for colour, orientation, and distortion (Section 2.2, steps 1, 2, and 3)

Identify sun position from geographical position and time (Section 2.2, step 4)

Reposition and crop to generate sun-centered local sky map (Section 2.2, step 5)

⬇

Compute and analyze radial intensity *I(s)* for each image quadrant (Section 2.3.1)

Compute the discriminant properties of *I(s)* for each quadrant (as listed in Tables 3 and 4)

Compute PSTS for each sky type

(PST-CS, PST-PCL, PST-CLR, PST-CLD)
by quadrant

(Section 2.3.2)

Compute IHS by quadrant
(Section 2.3.3)

Running time average for IHS by quadrant, Eq. (16)

⬇

Compute image PSTS for each sky type and IHS as averages over all quadrants

Save PST, PSTS, and IHS for image and all quadrants

Clean up and close