The Cheat Sheet

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| Band # | Central Wavelength, resolution | Nickname | Uses |
| 1 | 0.47 m, 1 km | Blue Band | Smoke/Aerosol Detection, Visible Imagery |
| 2 | 0.64 m, 0.5 km | Red Band | Visible Imagery, highest resolution |
| 3 | 0.86 m, 1 km | Veggie Band | Vegetation health, Land/Water contrast |
| 4 | 1.38 m, 2 km | Cirrus Band | Cirrus Detection |
| 5 | 1.61 m, 1 km | Snow/Ice Band | Differentiate between Liquid/Ice clouds. Identify snow on ground, Hottest fire detection |
| 6 | 2.24 m, 2 km | Cloud Particle Size Band | Hot fire detection |
| 7 | 3.9 m, 2 km | Shortwave Infrared | Fire and Fog detection |
| 8 | 6.19 m, 2 km | Upper-level Water Vapor | Upper level flow, Potential Vorticity Analysis, CAT detection |
| 9 | 6.95 m, 2 km | Mid-level Water Vapor | Upper level flow, Potential Vorticity Analysis, CAT detection |
| 10 | 7.34 m, 2 km | Low-Level Water Vapor | Upper level flow, Potential Vorticity Analysis, CAT detection, Elevated Mixed Layer detection |
| 11 | 8.44 m, 2 km | IR Clouds Phase, SO2 | Volcanic Ash detection, Cloud Phase |
| 12 | 9.61 m, 2 km | Ozone | Air Mass identification |
| 13 | 10.3 m, 2 km | Clean Window | Fog Detection, Convective Applications |
| 14 | 11.2 m, 2 km | Longwave Infrared | Fire Detection, Convective Applications |
| 15 | 12.3 m, 2 km | Dirty Window | Moisture distributions |
| 16 | 13.3 m, 2 km | CO2 | Cloud Top Features |