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**GOES-R ABI Cheat Sheet**

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| --- | --- | --- | --- |
| **Band Number** | **Central Wavelength** | **Resolution at Nadir** | **Nickname** |
| **1** | **0.47 m** | **1 km** | **Red** |
| **2** | **0.64m** | **0.5 km** | **Blue** |
| **3** | **0.86m** | **1 km** | **Veggie** |
| **4** | **1.38m** | **2 km** | **Cirrus** |
| **5** | **1.61m** | **1 km** | **Snow/Ice** |
| **6** | **2.24m** | **2 km** | **Cloud Particle Size** |
| **7** | **3.9m** | **2 km** | **Shortwave Infrared** |
| **8** | **6.19m** | **2 km** | **Upper Level WV** |
| **9** | **6.95m** | **2 km** | **Mid-Level WV** |
| **10** | **7.34m** | **2 km** | **Low-Level WV** |
| **11** | **8.44m** | **2 km** | **Infrared Cloud Top** |
| **12** | **9.61m** | **2 km** | **Ozone** |
| **13** | **10.3m** | **2 km** | **Clean IR Window** |
| **14** | **11.2m** | **2 km** | **Longwave IR Window** |
| **15** | **12.3m** | **2 km** | **Dirty IR Window** |
| **16** | **13.3m** | **2 km** | **CO2** |

 

**O3**

**CO2**

**SO2**

**H2O**

**6**

**16**

**15**

**14**

**13**

**12**

**11**

**10**

**9**

**8**

**7**

**5**

**4**

**3**

**1**

**2**