

Pixel Value	Fill	Dilated Cloud	Cirrus	Cloud	Cloud Shadow	Snow	Clear	Water	Cloud Conf.	Cloud Shadow Conf.	Snow/Ice Conf.	Cirrus Conf.	Pixel Description
1	Yes	No	No	No	No	No	No	No	None	None	None	None	Fill
21824	No	No	No	No	No	No	Yes	No	Low	Low	Low	Low	Clear with lows set
21826	No	Yes	No	No	No	No	Yes	No	Low	Low	Low	Low	Dilated cloud over land
21888	No	No	No	No	No	No	No	Yes	Low	Low	Low	Low	Water with lows set
21890	No	Yes	No	No	No	No	No	Yes	Low	Low	Low	Low	Dilated cloud over water
22080	No	No	No	No	No	No	Yes	No	Mid	Low	Low	Low	Mid conf cloud
22144	No	No	No	No	No	No	No	Yes	Mid	Low	Low	Low	Mid conf cloud over water
22280	No	No	No	Yes	No	No	No	No	High	Low	Low	Low	High conf Cloud
23888	No	No	No	No	Yes	No	Yes	No	Low	High	Low	Low	High conf cloud shadow
23952	No	No	No	No	Yes	No	No	Yes	Low	High	Low	Low	Water with cloud shadow
24088	No	No	No	Yes	Yes	No	No	No	Mid	High	Low	Low	Mid conf cloud with shadow
24216	No	No	No	Yes	Yes	No	No	Yes	Mid	High	Low	Low	Mid conf cloud with shadow over water
24344	No	No	No	Yes	Yes	No	No	No	High	High	Low	Low	High conf cloud with shadow
24472	No	No	No	Yes	Yes	No	No	Yes	High	High	Low	Low	High conf cloud with shadow over water
30048	No	No	No	No	No	Yes	Yes	No	Low	Low	High	Low	High conf snow/ice
54596	No	No	Yes	No	No	No	Yes	No	Low	Low	Low	High	High conf Cirrus
54852	No	No	Yes	No	No	No	Yes	No	Mid	Low	Low	High	Cirrus, mid cloud
55052	No	No	Yes	Yes	No	No	No	No	High	Low	Low	High	Cirrus, high cloud
56856	No	No	No	Yes	Yes	No	No	No	Mid	High	Low	High	Cirrus, mid conf cloud, shadow
56984	No	No	No	Yes	Yes	No	No	Yes	Mid	High	Low	High	Cirrus, mid conf cloud, shadow, over water
57240	No	No	No	Yes	Yes	No	No	Yes	High	High	Low	High	Cirrus, high conf cloud, shadow

**Table 6-3. Landsat 8-9 Pixel Quality Assessment (QA\_PIXEL) Value Interpretations**