

## Landsat 8 & 9 Band Comparison to the STELLA Instrument

Landsat 8/9			STELLA
Bands	Wavelength (micrometers)	Resolution (meters)	Band overlap
Band 1 - Coastal aerosol	0.43-0.45	30	400-420, 425-445
Band 2 - Blue	0.45-0.51	30	450-470, 475-495, 500-520
Band 3 - Green	0.53-0.59	30	550-570, 575-595
Band 4 - Red	0.64-0.67	30	635-655
Band 5 - Near Infrared (NIR)	0.85-0.88	30	850-870
Band 6 - Shortwave Infrared (SWIR) 1	1.57-1.65	30	
Band 7 - Shortwave Infrared (SWIR) 2	2.11-2.29	30	
Band 8 - Panchromatic	0.50-0.68	15	
Band 9 - Cirrus	1.36-1.38	30	
Band 10 - Thermal Infrared (TIRS) 1	10.6-11.19	100	5,460 - 14,000
Band 11 - Thermal Infrared (TIRS) 2	11.50-12.51	100	5,460 - 14,000