

**EO-1 HYPERION Spectral Coverage for the July 10, 2004 image for Mato Grosso. 200 bands are reported. This is a subset of the 242 available bands. The ENVI header file lists the bands ordinally 1-200.**

EO-1 Advanced Land Imager (ALI) Band Comparison		Hyperion Band	Average Wavelength (nm)	Full Width at Half the Maximum FWHM (nm)	Spatial Resolution (m)	Not Calibrated (X)
MS	Pan (nm) 480 - 690 (X)					
		B5	396.2900	11.3871	30	X
		B6	406.4600	11.3871	30	X
		B7	416.6400	11.3871	30	X
		B8	426.8200	11.3871	30	
MS-1		B9	436.9900	11.3871	30	
MS-1		B10	447.1700	11.3871	30	
MS-1'		B11	457.3400	11.3871	30	
MS-1'		B12	467.5200	11.3871	30	
MS-1'		B13	477.6900	11.3871	30	
MS-1'	X	B14	487.8700	11.3784	30	
MS-1'	X	B15	498.0400	11.3538	30	
MS-1'	X	B16	508.2200	11.3133	30	
	X	B17	518.3900	11.2580	30	
MS-2	X	B18	528.5700	11.1907	30	
MS-2	X	B19	538.7400	11.1119	30	
MS-2	X	B20	548.9200	11.0245	30	
MS-2	X	B21	559.0900	10.9321	30	
MS-2	X	B22	569.2700	10.8368	30	
MS-2	X	B23	579.4500	10.7407	30	
MS-2	X	B24	589.6200	10.6482	30	
MS-2	X	B25	599.8000	10.5607	30	
	X	B26	609.9700	10.4823	30	
	X	B27	620.1500	10.4147	30	

MS-3	X	B28	630.3200	10.3595	30	
MS-3	X	B29	640.5000	10.3188	30	
MS-3	X	B30	650.6700	10.2942	30	
MS-3	X	B31	660.8500	10.2856	30	
MS-3	X	B32	671.0200	10.2980	30	
MS-3	X	B33	681.2000	10.3349	30	
		B34	691.3700	10.3909	30	
		B35	701.5500	10.4592	30	
		B36	711.7200	10.5322	30	
		B37	721.9000	10.6004	30	
		B38	732.0700	10.6562	30	
		B39	742.2500	10.6933	30	
		B40	752.4300	10.7058	30	
		B41	762.6000	10.7276	30	
MS-4		B42	772.7800	10.7907	30	
MS-4		B43	782.9500	10.8833	30	
MS-4		B44	793.1300	10.9938	30	
MS-4		B45	803.3000	11.1044	30	
		B46	813.4800	11.1980	30	
		B47	823.6500	11.2600	30	
		B48	833.8300	11.2824	30	
MS-4'		B49	844.0000	11.2822	30	
MS-4'		B50	854.1800	11.2816	30	
MS-4'		B51	864.3500	11.2809	30	
MS-4'		B52	874.5300	11.2797	30	
MS-4'		B53	884.7000	11.2782	30	
		B54	894.8800	11.2771	30	
		B55	905.0500	11.2765	30	
		B56	915.2300	11.2756	30	
		B57	925.4100	11.2754	30	
		B79	932.6400	11.0457	30	
		B80	942.7300	11.0457	30	
		B81	952.8200	11.0457	30	
		B82	962.9100	11.0457	30	
		B83	972.9900	11.0457	30	
		B84	983.0800	11.0457	30	

		<b>B85</b>	<b>993.1700</b>	<b>11.0457</b>	<b>30</b>	
		<b>B86</b>	<b>1003.3000</b>	<b>11.0457</b>	<b>30</b>	
		<b>B87</b>	<b>1013.3000</b>	<b>11.0457</b>	<b>30</b>	
		<b>B88</b>	<b>1023.4000</b>	<b>11.0451</b>	<b>30</b>	
		<b>B89</b>	<b>1033.4900</b>	<b>11.0423</b>	<b>30</b>	
		<b>B90</b>	<b>1043.5900</b>	<b>11.0372</b>	<b>30</b>	
		<b>B91</b>	<b>1053.6900</b>	<b>11.0302</b>	<b>30</b>	
		<b>B92</b>	<b>1063.7900</b>	<b>11.0218</b>	<b>30</b>	
		<b>B93</b>	<b>1073.8900</b>	<b>11.0122</b>	<b>30</b>	
		<b>B94</b>	<b>1083.9900</b>	<b>11.0013</b>	<b>30</b>	
		<b>B95</b>	<b>1094.0900</b>	<b>10.9871</b>	<b>30</b>	
		<b>B96</b>	<b>1104.1900</b>	<b>10.9732</b>	<b>30</b>	
		<b>B97</b>	<b>1114.1900</b>	<b>10.9572</b>	<b>30</b>	
		<b>B98</b>	<b>1124.2800</b>	<b>10.9418</b>	<b>30</b>	
		<b>B99</b>	<b>1134.3800</b>	<b>10.9248</b>	<b>30</b>	
		<b>B100</b>	<b>1144.4800</b>	<b>10.9065</b>	<b>30</b>	
		<b>B101</b>	<b>1154.5800</b>	<b>10.8884</b>	<b>30</b>	
		<b>B102</b>	<b>1164.6800</b>	<b>10.8696</b>	<b>30</b>	
		<b>B103</b>	<b>1174.7700</b>	<b>10.8513</b>	<b>30</b>	
		<b>B104</b>	<b>1184.8700</b>	<b>10.8335</b>	<b>30</b>	
		<b>B105</b>	<b>1194.9700</b>	<b>10.8154</b>	<b>30</b>	
<b>MS-5'</b>		<b>B106</b>	<b>1205.0700</b>	<b>10.7979</b>	<b>30</b>	
<b>MS-5'</b>		<b>B107</b>	<b>1215.1700</b>	<b>10.7822</b>	<b>30</b>	
<b>MS-5'</b>		<b>B108</b>	<b>1225.1700</b>	<b>10.7663</b>	<b>30</b>	
<b>MS-5'</b>		<b>B109</b>	<b>1235.2700</b>	<b>10.7520</b>	<b>30</b>	
<b>MS-5'</b>		<b>B110</b>	<b>1245.3600</b>	<b>10.7385</b>	<b>30</b>	
<b>MS-5'</b>		<b>B111</b>	<b>1255.4600</b>	<b>10.7270</b>	<b>30</b>	
<b>MS-5'</b>		<b>B112</b>	<b>1265.5600</b>	<b>10.7174</b>	<b>30</b>	
<b>MS-5'</b>		<b>B113</b>	<b>1275.6600</b>	<b>10.7091</b>	<b>30</b>	
<b>MS-5'</b>		<b>B114</b>	<b>1285.7600</b>	<b>10.7022</b>	<b>30</b>	
<b>MS-5'</b>		<b>B115</b>	<b>1295.8600</b>	<b>10.6970</b>	<b>30</b>	
		<b>B116</b>	<b>1305.9600</b>	<b>10.6946</b>	<b>30</b>	
		<b>B117</b>	<b>1316.0500</b>	<b>10.6937</b>	<b>30</b>	
		<b>B118</b>	<b>1326.0500</b>	<b>10.6949</b>	<b>30</b>	
		<b>B119</b>	<b>1336.1500</b>	<b>10.6996</b>	<b>30</b>	
		<b>B120</b>	<b>1346.2500</b>	<b>10.7058</b>	<b>30</b>	
		<b>B121</b>	<b>1356.3500</b>	<b>10.7163</b>	<b>30</b>	
		<b>B122</b>	<b>1366.4500</b>	<b>10.7283</b>	<b>30</b>	
		<b>B123</b>	<b>1376.5500</b>	<b>10.7437</b>	<b>30</b>	

		<b>B124</b>	<b>1386.6500</b>	<b>10.7612</b>	<b>30</b>	
		<b>B125</b>	<b>1396.7400</b>	<b>10.7807</b>	<b>30</b>	
		<b>B126</b>	<b>1406.8400</b>	<b>10.8034</b>	<b>30</b>	
		<b>B127</b>	<b>1416.9400</b>	<b>10.8267</b>	<b>30</b>	
		<b>B128</b>	<b>1426.9400</b>	<b>10.8534</b>	<b>30</b>	
		<b>B129</b>	<b>1437.0400</b>	<b>10.8818</b>	<b>30</b>	
		<b>B130</b>	<b>1447.1400</b>	<b>10.9110</b>	<b>30</b>	
		<b>B131</b>	<b>1457.2300</b>	<b>10.9422</b>	<b>30</b>	
		<b>B132</b>	<b>1467.3300</b>	<b>10.9743</b>	<b>30</b>	
		<b>B133</b>	<b>1477.4300</b>	<b>11.0074</b>	<b>30</b>	
		<b>B134</b>	<b>1487.5300</b>	<b>11.0414</b>	<b>30</b>	
		<b>B135</b>	<b>1497.6300</b>	<b>11.0759</b>	<b>30</b>	
		<b>B136</b>	<b>1507.7300</b>	<b>11.1108</b>	<b>30</b>	
		<b>B137</b>	<b>1517.8300</b>	<b>11.1461</b>	<b>30</b>	
		<b>B138</b>	<b>1527.9200</b>	<b>11.1811</b>	<b>30</b>	
		<b>B139</b>	<b>1537.9200</b>	<b>11.2156</b>	<b>30</b>	
		<b>B140</b>	<b>1548.0200</b>	<b>11.2496</b>	<b>30</b>	
<b>MS-5</b>		<b>B141</b>	<b>1558.1200</b>	<b>11.2826</b>	<b>30</b>	
<b>MS-5</b>		<b>B142</b>	<b>1568.2200</b>	<b>11.3146</b>	<b>30</b>	
<b>MS-5</b>		<b>B143</b>	<b>1578.3200</b>	<b>11.3460</b>	<b>30</b>	
<b>MS-5</b>		<b>B144</b>	<b>1588.4200</b>	<b>11.3753</b>	<b>30</b>	
<b>MS-5</b>		<b>B145</b>	<b>1598.5100</b>	<b>11.4037</b>	<b>30</b>	
<b>MS-5</b>		<b>B146</b>	<b>1608.6100</b>	<b>11.4302</b>	<b>30</b>	
<b>MS-5</b>		<b>B147</b>	<b>1618.7100</b>	<b>11.4538</b>	<b>30</b>	
<b>MS-5</b>		<b>B148</b>	<b>1628.8100</b>	<b>11.4760</b>	<b>30</b>	
<b>MS-5</b>		<b>B149</b>	<b>1638.8100</b>	<b>11.4958</b>	<b>30</b>	
<b>MS-5</b>		<b>B150</b>	<b>1648.9000</b>	<b>11.5133</b>	<b>30</b>	
<b>MS-5</b>		<b>B151</b>	<b>1659.0000</b>	<b>11.5286</b>	<b>30</b>	
<b>MS-5</b>		<b>B152</b>	<b>1669.1000</b>	<b>11.5404</b>	<b>30</b>	
<b>MS-5</b>		<b>B153</b>	<b>1679.2000</b>	<b>11.5505</b>	<b>30</b>	
<b>MS-5</b>		<b>B154</b>	<b>1689.3000</b>	<b>11.5580</b>	<b>30</b>	
<b>MS-5</b>		<b>B155</b>	<b>1699.4000</b>	<b>11.5621</b>	<b>30</b>	
<b>MS-5</b>		<b>B156</b>	<b>1709.5000</b>	<b>11.5634</b>	<b>30</b>	
<b>MS-5</b>		<b>B157</b>	<b>1719.6000</b>	<b>11.5617</b>	<b>30</b>	
<b>MS-</b>		<b>B158</b>	<b>1729.7000</b>	<b>11.5563</b>	<b>30</b>	

5						
MS-5		B159	1739.7000	11.5477	30	
MS-5		B160	1749.7900	11.5346	30	
		B161	1759.8900	11.5193	30	
		B162	1769.9900	11.5002	30	
		B163	1780.0900	11.4789	30	
		B164	1790.1900	11.4548	30	
		B165	1800.2900	11.4279	30	
		B166	1810.3800	11.3994	30	
		B167	1820.4800	11.3688	30	
		B168	1830.5800	11.3366	30	
		B169	1840.5800	11.3036	30	
		B170	1850.6800	11.2696	30	
		B171	1860.7800	11.2363	30	
		B172	1870.8700	11.2007	30	
		B173	1880.9800	11.1666	30	
		B174	1891.0700	11.1333	30	
		B175	1901.1700	11.1018	30	
		B176	1911.2700	11.0714	30	
		B177	1921.3700	11.0424	30	
		B178	1931.4700	11.0155	30	
		B179	1941.5700	10.9912	30	
		B180	1951.5700	10.9698	30	
		B181	1961.6600	10.9508	30	
		B182	1971.7600	10.9355	30	
		B183	1981.8600	10.9230	30	
		B184	1991.9600	10.9139	30	
		B185	2002.0600	10.9083	30	
		B186	2012.1500	10.9069	30	
		B187	2022.2500	10.9057	30	
		B188	2032.3500	10.9013	30	
		B189	2042.4500	10.8951	30	
		B190	2052.4500	10.8854	30	
		B191	2062.5500	10.8740	30	
		B192	2072.6500	10.8591	30	
MS-7		B193	2082.7500	10.8429	30	
MS-7		B194	2092.8400	10.8242	30	
MS-7		B195	2102.9400	10.8039	30	
MS-7		B196	2113.0400	10.7820	30	
MS-7		B197	2123.1400	10.7592	30	

MS-7		B198	2133.2400	10.7342	30	
MS-7		B199	2143.3400	10.7092	30	
MS-7		B200	2153.3400	10.6834	30	
MS-7		B201	2163.4300	10.6572	30	
MS-7		B202	2173.5300	10.6312	30	
MS-7		B203	2183.6300	10.6052	30	
MS-7		B204	2193.7300	10.5803	30	
MS-7		B205	2203.8300	10.5560	30	
MS-7		B206	2213.9300	10.5328	30	
MS-7		B207	2224.0300	10.5101	30	
MS-7		B208	2234.1200	10.4904	30	
MS-7		B209	2244.2200	10.4722	30	
MS-7		B210	2254.2200	10.4552	30	
MS-7		B211	2264.3200	10.4408	30	
MS-7		B212	2274.4200	10.4285	30	
MS-7		B213	2284.5200	10.4197	30	
MS-7		B214	2294.6100	10.4129	30	
MS-7		B215	2304.7100	10.4088	30	
MS-7		B216	2314.8100	10.4077	30	
MS-7		B217	2324.9100	10.4077	30	
MS-7		B218	2335.0100	10.4077	30	
MS-7		B219	2345.1100	10.4077	30	
		B220	2355.2100	10.4077	30	
		B221	2365.2000	10.4077	30	
		B222	2375.3000	10.4077	30	
		B223	2385.4000	10.4077	30	
		B224	2395.5000	10.4077	30	
		B225	2405.6000	10.4077	30	X