List of the observed wavelength of the Fourth Positive bands of CO [$A(v)\ ^1\Pi \rightarrow\ X(v)\ ^1\Sigma^+$], Å.

B: Wavelength region of 2129.33Å- 2007.10Å

Wavelength	A(3)-X(11)	A(2)-X(10)
2129.327	R(1)	
2129.260	R(13)	
2129.223	R(2)	
2129.137	R(3)	
2129.167	R(12)	
2129.093	R(11)	
2129.069	R(4)	
2129.036	R(10)	
2129.020	R(5)	
2128.998	R(9)	
2128.987	R(6)	
2128.976	R(8)	
2128.972	R(7)	
2120.612		P(30)
2119.946		P(29)
2119.294		P(28)
2118.636		P(27)
2118.257		P(26)
2117.750		$P(26)_{ext}$
2117.567		P(25)
2116.980		P(24)
2116.612		Q(30)
2116.422		P(23)
2115.952		Q(29)
2115.887		P(22)
2115.630		Q(28)
2115.370		P(21)
2115.035		Q(27)
2114.871		P(20)
2114.539		Q(26)
2114.391		P(19)
2114.080		Q(25)
2113.929		P(18)
2113.645		Q(24)
2113.483		P(17)
2113.229		Q(23)
2113.056		P(16)
2112.834		Q(22)
2112.645		P(15)
2112.456		Q(21)
2112.252		P(14)
2112.097		Q(20)
2111.876		P(13)
2111.756		Q(19)
2111.517		P(12)

Wavelength	A(2)-X(10)	A(5)-X(12)
2111.432	Q(18)	
2111.175	P(11)	
2111.126	Q(17)	
2110.851	P(10)	
2110.837	Q(16)	
2110.546	Q(15)	
2110.544	P(9)	
2110.309	Q(14)	
2110.252	P(8)	
2110.072	Q(13)	
2109.978	P(7)	
2109.851	Q(12)	
2109.720	P(6)	
2109.648	Q(11)	
2109.481	P(5)	
2109.462	Q(10)	
2109.292	Q(9)	
2109.259	P(4)	
2109.136	Q(8)	
2109.030	P(3)	
2109.019	Q(7)	
2108.891	Q(6)	
2108.863	P(2)	
2108.789	Q(5)	
2108.704	Q(4)	
2108.637	Q(3)	
2108.586	Q(2)	
2108.551	Q(1)	
2108.365	R(0)	
2108.354	R(15)	
2108.253	R(1)	
2108.237	R(14)	
2108.171	R(2)	
2108.137	R(13)	
2108.083	R(3)	
2108.055	R(12)	
2108.011	R(4)	
2107.990	R(11)	
2107.958	R(5)	
2107.943	R(10)	
2107.921	R(6)	
2107.911	R(9)	
2107.902	R(7)	
2107.898	R(8)	
2104.267		P(30)
2103.524		P(29)
2102.809		P(28)
2102.115		P(27)
2101.443		P(26)
2100.792		P(25)

Wavelength	A(5)-X(12)
2100.372	Q(30)
2100.179	P(24)
2099.740	Q(29)
2099.552	P(23)
2099.164	Q(28)
2098.964	P(22)
2098.599	Q(27)
2098.395	P(21)
2098.056	Q(26)
2097.847	P(20)
2097.535	Q(25)
2097.318	P(19)
2097.052	Q(24)
2096.811	P(18)
2096.556	Q(23)
2096.324	P(17)
2096.097	Q(22)
2095.853	P(16)
2095.659	Q(21)
2095.411	P(15)
2095.241	Q(20)
2094.984	P(14)
2094.843	Q(19)
2094.576	P(13)
2094.464	Q(18)
2094.189	P(12)
2094.110	Q(17)
2093.822	P(11)
2093.773	Q(16)
2093.475	P(10)
2093.456	Q(15)
2093.148	P(9)
2093.160	Q(14)
2092.882	Q(13)
2092.840	P(8)
2092.621	Q(12)
2092.546	P(7)
2092.390	Q(11)
2092.283	P(6)
2092.172	Q(10)
2092.035	P(5)
2091.975	Q(9)
2091.807	P(4)
2091.798	Q(8)
2091.640	Q(7)
2091.598	P(3)
2091.503	Q(6)
2091.409	P(2)
2091.385	Q(5)
2091.378	R(15)

Wavelength	A(5)-X(12)	A(4)-X(11)	A(3)-X(10)
2091.280	Q(4)		
2091.208	R(14)		
2091.207	Q(3)		
2091.150	Q(2)		
2091.110	Q(1)		
2091.065	R(13)		
2090.964	R(0)		
2090.938	R(12)		
2090.849	R(1)		
2090.830	R(11)		
2090.758	R(2)		
2090.743	R(10)		
2090.687	R(3)		
2090.676	R(9)		
2090.635	R(4)		
2090.628	R(8)		
2090.601	R(7)		
2090.598	R(5)		
2090.593	R(6)		
2082.311		P(31)	
2082.127		Q(37)	
2081.594		Q(36)	
2081.587		P(30)	
2078.294		Q(31)	
2078.265		P(25)	
2076.570		Q(28)	
2076.508		P(22)	
2075.961		P(21)	
2075.434		P(20)	
2075.025		Q(25)	
2074.926		P(19)	
2073.967		P(17)	
2073.516		P(16)	
2073.084		P(15)	
2072.278		P(13)	
2071.208		P(10)	
2069.797		P(5)	
2069.723		Q(9)	
2069.552		Q(8)	
2069.399		Q(7)	
2068.787		R(13)	
2067.604			P(40)
2066.733			P(39)
2065.882			P(38)
2065.052			P(37)
2064.241			P(36)
2063.447			P(35)
2062.671			P(34)
2062.464			Q(40)
2061.916			P(33)

Wavelength	A(3)-X(10)
2061.713	Q(39)
2061.140	P(32)
2060.989	Q(38)
2060.530	P(31)
2060.287	Q(37)
2059.809	P(30)
2059.602	Q(36)
2059.128	P(29)
2058.937	Q(35)
2058.469	P(28)
2058.278	Q(34)
2057.827	P(27)
2057.704	Q(33)
2057.210	P(26)
2057.085	Q(32)
2056.610	P(25)
2056.494	Q(31)
2056.027	P(24)
2055.924	Q(30)
2055.463	P(23)
2055.369	Q(29)
2054.924	Q(28)
2054.920	P(22)
2054.394	P(21)
2054.358	Q(27)
2053.886	P(20)
2053.861	Q(26)
2053.396	P(19)
2053.391	Q(25)
2052.936	Q(24)
2052.926	P(18)
2052.502	Q(23)
2052.474	P(17)
2052.085	Q(22)
2052.039	P(16)
2051.689	Q(21)
2051.622	P(15)
2051.310	Q(20)
2051.224	P(14)
2050.950	Q(19)
2050.844	P(13)
2050.607	Q(18)
2050.482	P(12)
2050.284	Q(17)
2050.139	P(11)
2049.978	Q(16)
2049.813	P(10)
2049.691	Q(15)
2049.504	P(9)
2049.421	Q(14)

Wavelength	A(3)-X(10)	A(6)-X(12)	A(2)-X(9)
2049.214	P(8)		
2049.170	Q(13)		
2048.942	P(7)		
2048.937	Q(12)		
2048.722	Q(11)		
2048.688	P(6)		
2048.525	Q(10)		
2048.452	P(5)		
2048.346	Q(9)		
2048.233	P(4)		
2048.185	Q(8)		
2048.041	Q(7)		
2048.033	P(3)		
2047.916	Q(6)		
2047.851	P(2)		
2047.809	Q(5)		
2047.719	Q(4)		
2047.647	Q(3)		
2047.635	R(15)		
2047.595	Q(2)		
2047.559	Q(1)		
2047.494	R(14)		
2047.411	R(0)		
2047.371	R(13)		
2047.301	R(1)		
2047.266	R(12)		
2047.208	R(2)		
2047.180	R(11)		
2047.133	R(3)		
2047.111	R(10)		
2047.076	R(4)		
2047.061	R(9)		
2047.037	R(5)		
2047.028	R(8)		
2047.016	R(6)		
2047.013	R(7)		
2043.843		Q(28)	
2041.108		Q(23)	
2040.624		Q(22)	
2040.162		Q(21)	
2039.719		Q(20)	
2039.296		Q(19)	
2038.890		Q(18)	
2038.494		Q(17)	
2038.055		Q(16)	
2037.806		Q(15)	
2037.383		Q(14)	
2038.844			P(30)
2038.185			P(29)
2037.805		Q(15)	

Wavelength	A(6)-X(12)	A(2)-X(9)
2037.789	P(10)	
2037.540		P(28)
2037.067	Q(12)	
2036.891		P(27)
2036.605	Q(10)	
2036.502		P(26)
2035.924	P(3)	
2035.885	Q(6)	
2035.826		P(25)
2035.752	Q(5)	
2034.928		Q(30)
2034.697		P(23)
2034.328		Q(29)
2034.169		P(22)
2034.153		Q(28)
2033.660		P(21)
2033.562		Q(27)
2033.168		P(20)
2033.065		Q(26)
2032.696		P(19)
2032.603		Q(25)
2032.241		P(18)
2032.165		Q(24)
2031.803		P(17)
2031.746		Q(23)
2031.383		P(16)
2031.347		Q(22)
2030.981		P(15)
2030.967		Q(21)
2030.604		Q(20)
2030.596		P(14)
2030.260		Q(19)
2030.228		P(13)
2029.933		Q(18)
2029.878		P(12)
2029.624		Q(17)
2029.544		P(11)
2029.333		Q(16)
2029.229		P(10)
2029.058		Q(15)
2028.931		P(9)
2028.800		Q(14)
2028.648		P(8)
2028.561		Q(13)
2028.383		P(7)
2028.338		Q(12)
2028.134		Q(11)
2028.135		P(6)
2027.945		Q(10)
2027.906		P(5)

Wavelength	A(2)-X(9)	A(5)-X(11)
2027.774	Q(9)	
2027.693	P(4)	
2027.617	Q(8)	
2027.497	Q(7)	
2027.476	P(3)	
2027.369	Q(6)	
2027.317	P(2)	
2027.266	Q(5)	
2027.180	Q(4)	
2027.113	Q(3)	
2027.061	Q(2)	
2027.026	Q(1)	
2027.014	R(15)	
2026.885	R(14)	
2026.882	R(0)	
2026.773	R(13)	
2026.751	R(1)	
2026.678	R(12)	
2026.677	R(2)	
2026.601	R(11)	
2026.600	R(3)	
2026.584		P(31)
2026.541	R(10)	
2026.540	R(4)	
2026.498	R(9)	
2026.498	R(5)	
2026.473	R(8)	
2026.472	R(6)	
2026.465	R(7)	
2026.249		Q(36)
2025.829		P(30)
2025.560		Q(35)
2025.113		P(29)
2024.827		Q(34)
2024.409		P(28)
2024.125		Q(33)
2023.726		P(27)
2023.533		Q(32)
2023.308		$Q(32)_{ext}$
2023.064		P(26)
2022.881		Q(31)
2022.423		P(25)
2022.220		Q(30)
2021.804		P(24)
2021.606		Q(29)
2021.205		P(23)
2021.031		Q(28)
2020.626		P(22)
2020.467		Q(27)
2020.068		P(21)

Wavelength	A(5)-X(11)
2019.925	Q(26)
2019.530	P(20)
2019.405	Q(25)
2019.012	P(19)
2018.906	Q(24)
2018.515	P(18)
2018.428	Q(23)
2018.038	P(17)
2017.970	Q(22)
2017.577	P(16)
2017.532	Q(21)
2017.145	P(15)
2017.115	Q(20)
2016.727	P(14)
2016.718	Q(19)
2016.339	Q(18)
2016.330	P(13)
2015.986	Q(17)
2015.952	P(12)
2015.650	Q(16)
2015.595	P(11)
2015.333	Q(15)
2015.258	P(10)
2015.037	Q(14)
2014.941	P(9)
2014.760	Q(13)
2014.643	P(8)
2014.499	Q(12)
2014.359	P(7)
2014.268	Q(11)
2014.105	P(6)
2014.068	Q(10)
2013.867	P(5)
2013 854	Q(9)
2013.677	Q(8)
2013.648	P(4)
2013.520	Q(7)
2013.449	P(3)
2013.383	Q(6)
2013.270	P(2)
2013.265	Q(5)
2013.167	Q(4)
2013.086	Q(3)
2013.029	Q(2)
2012.990	Q(1)
2012.939	R(12)
2012.849	R(0)
2012.823	R(11)
2012.748	R(1)
2012.743	R(10)

Wavelength	A(5)-X(11)	A(1)-X(8)
2012.667	R(2)	
2012.650	R(9)	
2012.605	R(3)	
2012.593	R(8)	
2012.563	R(4)	
2012.557	R(7)	
2012.539	R(6)	
2012.536	R(5)	
2012.534		Q(25)
2012.276		P(18)
2012.100		Q(24)
2011.849		P(17)
2011.731		Q(23)
2011.441		P(16)
2011.340		Q(22)
2011.048		P(15)
2010.975		Q(21)
2010.670		P(14)
2010.628		Q(20)
2010.309		P(13)
2010.299		Q(19)
2009.984		Q(18)
2009.962		P(12)
2009.686		Q(17)
2009.631		P(11)
2009.405		Q(16)
2009.315		P(10)
2009.139		Q(15)
2009.014		P(9)
2008.890		Q(14)
2008.727		P(8)
2008.656		Q(13)
2008.456		P(7)
2008.439		Q(12)
2008.237		Q(11)
2008.201		P(6)
2008.050		Q(10)
2007.961		P(5)
2007.877		Q(9)
2007.741		P(4)
2007.720		Q(8)
2007.576		Q(7)
2007.536		P(3)
2007.450		Q(6)
2007.356		P(2)
2007.340		Q(5)
2007.247		R(16)
2007.244		Q(4)
2007.165		Q(3)
2007.108		R(15)