

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

D: Wavelength region of 1918.66Å- 1839.09Å

Wavelength	A(4)-X(9)	A(0)-X(6)	A(3)-X(8)
1918.660	Q(4)		
1918.583	Q(3)		
1918.527	Q(2)		
1918.393	R(11)		
1918.358	R(0)		
1918.296	R(10)		
1918.268	R(1)		
1918.219	R(9)		
1918.196	R(2)		
1918.160	R(8)		
1918.144	R(3)		
1918.120	R(7)		
1918.110	R(4)		
1918.099	R(6)		
1918.095	R(5)		
1917.823		P(19)	
1917.345		P(18)	
1917.254		P(17)	
1916.785		P(16)	
1916.744			P(39)
1916.659		Q(22)	
1916.378		P(15)	
1916.306		Q(21)	
1916.000		P(14)	
1915.969		Q(20)	
1915.912			P(38)
1915.647		Q(19)	
1915.639		P(13)	
1915.452		P(11) <sub>ext</sub>	
1915.339		Q(18)	
1915.286		P(12)	
1915.113		Qe(14)	
1915.101			P(37)
1915.045		Q(17)	
1914.954		P(10)	
1914.924		P(11)	
1914.762		Q(16)	
1914.613		Qe(13)	
1914.494		P(10) <sub>ext</sub>	
1914.487		Q(15)	
1914.308			P(36)
1914.208		Q(14)	
1913.911		Q(13)	
1913.533			P(35)
1913.501		Q(9)	

Wavelength	A(0)-X(6)	A(3)-X(8)
1913.174		Q(40)
1913.088	Q(6)	
1912.905	Q(4)	
1912.776		P(34)
1912.425		Q(39)
1912.039		P(33)
1911.703		Q(38)
1911.288		P(32)
1911.002		Q(37)
1910.682		P(31)
1910.318		Q(36)
1909.983		P(30)
1909.653		Q(35)
1909.321		P(29)
1908.997		Q(34)
1908.680		P(28)
1908.417		Q(33)
1908.057		P(27)
1907.801		Q(32)
1907.458		P(26)
1907.211		Q(31)
1906.875		P(25)
1906.642		Q(30)
1906.311		P(24)
1906.088		Q(29)
1905.764		P(23)
1905.632		Q(28)
1905.240		P(22)
1905.074		Q(27)
1904.732		P(21)
1904.578		Q(26)
1904.242		P(20)
1904.108		Q(25)
1903.770		P(19)
1903.653		Q(24)
1903.318		P(18)
1903.219		Q(23)
1902.883		P(17)
1902.802		Q(22)
1902.467		P(16)
1902.407		Q(21)
1902.068		P(15)
1902.028		Q(20)
1901.688		P(14)
1901.667		Q(19)
1901.326		P(13)
1901.324		Q(18)
1901.001		Q(17)
1900.982		P(12)
1900.695		Q(16)

Wavelength	A(3)-X(8)	A(6)-X(10)	A(2)-X(7)
1900.656	P(11)		
1900.408	Q(15)		
1900.348	P(10)		
1900.138	Q(14)		
1900.058	P(9)		
1899.976	R(21)		
1899.887	Q(13)		
1899.786	P(8)		
1899.709	R(20)		
1899.654	Q(12)		
1899.532	P(7)		
1899.439	Q(11)		
1899.295	P(6)		
1899.241	Q(10)		
1899.063	Q(9)		
1899.013	R(17)		
1898.901	Q(8)		
1898.818	R(16)		
1898.758	Q(7)		
1898.632	Q(6)		
1898.525	Q(5)		
1898.482	R(14)		
1898.435	Q(4)		
1898.363	Q(3)		
1898.340	R(13)		
1898.311	Q(2)		
1898.217	R(12)		
1898.145	R(0)		
1898.113	R(11)		
1898.026	R(10)		
1897.860	R(5)R(6)		
1896.607			P(39)
1896.339		P(17)	
1895.794			P(38)
1895.763		Q(20)	
1894.998			P(37)
1894.950		Q(18)	
1894.562		Q(17)	
1894.250			P(36)
1894.150		Q(16)	
1893.884		Q(15)	
1893.494			P(35)
1893.482		Q(14)	
1893.141		Q(12)	
1892.986			Q(40)
1892.745			P(34)
1892.685		Q(10)	
1892.450			Q(39)
1892.275			P(33)
1892.253		Q(8)	

Wavelength	A(6)-X(10)	A(2)-X(7)
1891.977	Q(6)	
1891.897		P(33) <sub>ext</sub>
1891.743	Q(4)	
1891.623		Q(38)
1891.442		P(32)
1890.940		Q(37)
1890.749		P(31)
1890.274		Q(36)
1890.088		P(30)
1889.657		Q(35)
1889.446		P(29)
1889.037		Q(34)
1888.820		P(28)
1888.436		Q(33)
1888.192		P(27)
1887.853		Q(32)
1887.791		P(26)
1887.388		P(26) <sub>ext</sub>
1887.284		Q(31)
1887.145		P(25)
1886.722		Q(30)
1886.586		P(24)
1886.131		Q(29)
1886.053		P(23)
1885.909		Q(28)
1885.542		P(22)
1885.332		Q(27)
1885.050		P(21)
1884.838		Q(26)
1884.575		P(20)
1884.376		Q(25)
1884.120		P(19)
1883.937		Q(24)
1883.682		P(18)
1883.517		Q(23)
1883.261		P(17)
1883.117		Q(22)
1882.858		P(16)
1882.736		Q(21)
1882.473		P(15)
1882.372		Q(20)
1882.105		P(14)
1882.026		Q(19)
1881.754		P(13)
1881.699		Q(18)
1881.421		P(12)
1881.389		Q(17)
1881.105		P(11)
1881.096		Q(16)
1880.820		Q(15)

Wavelength	A(2)-X(7)	A(1)-X(6)
1880.807	P(10)	
1880.562	Q(14)	
1880.526	P(9)	
1880.322	Q(13)	
1880.261	P(8)	
1880.098	Q(12)	
1880.013	P(7)	
1879.893	Q(11)	
1879.834	R(19)	
1879.783	P(6)	
1879.704	Q(10)	
1879.615	R(18)	
1879.571	P(5)	
1879.532	Q(9)	
1879.414	R(17)	
1879.376	P(4)	
1879.375	Q(8)	
1879.231	R(16)	
1879.179	P(3)	
1879.125	Q(6)	
1879.065	R(15)	
1879.035	P(2)	
1879.021	Q(5)	
1878.916	R(14)	
1878.868	Q(3)	
1878.785	R(13)	
1878.672	R(12)	
1878.654	R(0)	
1878.576	R(11)	
1878.497	R(10)	
1878.436	R(9)	
1878.392	R(8)	
1878.365	R(7)	
1878.361	R(5)	
1878.354	R(6)	
1877.967		P(40)
1877.232		Q(45)
1877.180		P(39)
1876.424		Q(44)
1876.411		P(38)
1875.724		Q(43)
1875.660		P(37)
1874.988		Q(42)
1874.927		P(36)
1874.670		Q(43) <sub>ext</sub>
1874.273		Q(41)
1874.213		P(35)
1873.576		Q(40)
1873.516		P(34)
1872.898		Q(39)

Wavelength	A(1)-X(6)
1872.835	P(33)
1872.238	Q(38)
1872.174	P(32)
1871.595	Q(37)
1871.528	P(31)
1870.964	Q(36)
1870.899	P(30)
1870.755	Q(35) <sub>ext</sub>
1870.320	Q(35)
1870.286	P(29)
1869.824	Q(34)
1869.685	P(28)
1869.232	Q(33)
1869.215	P(27)
1869.021	P(27) <sub>ext</sub>
1868.674	Q(32)
1868.594	P(26)
1868.135	Q(31)
1868.037	P(25)
1867.613	Q(30)
1867.509	P(24)
1867.169	Q(29) <sub>ext</sub>
1867.026	Q(29)
1866.999	P(23)
1866.637	Q(28)
1866.507	P(22)
1866.167	Q(27)
1866.030	P(21)
1865.706	Q(26)
1865.572	P(20)
1865.302	Q(25)
1865.131	P(19)
1864.869	Q(24)
1864.705	P(18)
1864.492	Q(23)
1864.295	P(17)
1864.101	Q(22)
1863.903	P(16)
1863.734	Q(21)
1863.527	P(15)
1863.385	Q(20)
1863.166	P(14)
1863.054	Q(19)
1862.822	P(13)
1862.737	Q(18)
1862.493	P(12)
1862.437	Q(17)
1862.179	P(11)
1862.155	Q(16)
1861.888	Q(15)

Wavelength	A(1)-X(6)	A(4)-X(8)	A(0)-X(5)
1861.881	P(10)		
1861.637	Q(14)		
1861.598	P(9)		
1861.402	Q(13)		
1861.330	P(8)		
1861.184	Q(12)		
1861.078	P(7)		
1860.982	Q(11)		
1860.795	Q(10)		
1860.663	R(18)		
1860.622	Q(9)		
1860.466	Q(8)		
1860.322	Q(7)		
1860.198	Q(6)		
1860.143	R(15)		
1860.088	Q(5)		
1859.993	Q(4)		
1859.916	Q(3)		
1859.539	R(2)		
1859.537	R(9)		
1859.444	R(5)R(6)		
1859.198			P(40)
1859.192		Q(31)	
1859.142		P(26)	
1858.604		Q(30)	
1858.548		P(25)	
1858.435			P(39)
1858.035		Q(29)	
1857.974		P(24)	
1857.682			P(38)
1857.486		Q(28)	
1857.419		P(23)	
1856.958			P(36) <sub>ext</sub>
1856.957		Q(27)	
1856.933			P(37)
1856.883		P(22)	
1856.448		Q(26)	
1856.366		P(21)	
1856.150			P(36)
1855.957		Q(25)	
1855.869		P(20)	
1855.792			P(35)
1855.525			P(33) <sub>ext</sub>
1855.486		Q(24)	
1855.390		P(19)	
1855.123			P(35) <sub>ext</sub>
1855.017		Q(23)	
1854.993		Q(23) <sub>ext</sub>	
1854.991			P(34)
1854.930		P(18)	

Wavelength	A(4)-X(8)	A(0)-X(5)
1854.848		Q(40)
1854.604	Q(22)	
1854.490	P(17)	
1854.282		P(33)
1854.191	Q(21)	
1854.179		P(32) <sub>ext</sub>
1854.176		Q(39)
1854.068	P(16)	
1853.799		Q(36) <sub>ext</sub>
1853.797	Q(20)	
1853.781		P(34) <sub>ext</sub>
1853.665	P(15)	
1853.557		Q(38)
1853.541		P(32)
1853.422	Q(19)	
1853.281	P(14)	
1853.186		P(31)
1853.066	Q(18)	
1852.932		Q(37)
1852.915	P(13)	
1852.729	Q(17)	
1852.569	P(12)	
1852.502		P(30)
1852.456		Q(35) <sub>ext</sub>
1852.309		Q(36)
1852.240	P(11)	
1852.112	Q(15)	
1851.931	P(10)	
1851.883		P(29)
1851.831	Q(14)	
1851.651		Q(35)
1851.640	P(9)	
1851.569	Q(13)	
1851.417		P(28)
1851.415		Q(34)
1851.407		Q(32) <sub>ext</sub>
1851.367	P(8)	
1851.327	Q(12)	
1851.112	P(7)	
1851.101	Q(11)	
1850.895	Q(10)	
1850.877	P(6)	
1850.764		P(27)
1850.750		Q(34) <sub>ext</sub>
1850.744		Q(33)
1850.742	Q(9)	
1850.659	P(5)	
1850.539	Q(8)	
1850.460	R(15)	
1850.460	P(4)	



Wavelength	A(4)-X(8)	A(0)-X(5)
1850.387	Q(7)	
1850.280	P(3)	
1850.255	Q(6)	
1850.212		P(26)
1850.178		Q(31) <sub>ext</sub>
1850.158		Q(32)
1850.141	Q(5)	
1850.046	Q(4)	
1849.969	Q(3)	
1849.913	Q(2)	
1849.679		P(25)
1849.677	R(9)	
1849.612	R(8)	
1849.565	R(7)	
1849.542		Q(31)
1849.537	R(6)	
1849.526	R(5)	
1849.313		Q(30)
1849.170		P(24)
1848.757		Q(29)
1848.672		P(23)
1848.626		Q(30) <sub>ext</sub>
1848.262		Q(28)
1848.189		P(22)
1847.920		Q(27)
1847.723		P(21)
1847.707		Q(27) <sub>ext</sub>
1847.513		P(19) <sub>ext</sub>
1847.395		Q(26)
1847.267		P(20)
1846.969		Q(25)
1846.821		P(18) <sub>ext</sub>
1846.815		P(19)
1846.564		Q(24)
1846.346		P(18)
1846.241		P(17)
1846.177		Q(23)
1845.817		P(17) <sub>ext</sub>
1845.808		Q(22)
1845.786		P(16)
1845.455		Q(21)
1845.389		P(15)
1845.249		P(16) <sub>ext</sub>
1845.117		Q(20)
1845.060		P(12) <sub>ext</sub>
1845.021		P(14)
1844.794		Q(19)
1844.752		Q(15) <sub>ext</sub>
1844.669		P(13)
1844.623		P(15) <sub>ext</sub>

Wavelength	A(0)-X(5)	A(3)-X(7)
1844.486	Q(18)	
1844.466	P(11) <i>ext</i>	
1844.326	P(12)	
1844.198	Q(14) <i>ext</i>	
1844.192	Q(17)	
1843.991	P(10)	
1843.976	P(11)	
1843.909	Q(16)	
1843.718	Q(13) <i>ext</i>	
1843.639	P(9)	
1843.635	Q(15)	
1843.565	P(10) <i>ext</i>	
1843.359	Q(14)	
1843.354	P(8)	
1843.332	Q(12)	
1843.100	P(7)	
1843.085	P(9) <i>ext</i>	
1843.067	Q(13)	
1843.044	Q(11)	
1842.870	P(6)	
1842.819	Q(10)	
1842.741	Q(12) <i>ext</i>	
1842.666	P(5)	
1842.632	Q(9)	
1842.589	P(8) <i>ext</i>	
1842.474	Q(8)	
1842.368	Q(11) <i>ext</i>	
1842.338	Q(7)	
1842.220	Q(6)	
1842.122	Q(5)	
1842.038	Q(4)	
1841.979	Q(10) <i>ext</i>	
1841.924	Q(2)	
1841.777	R(13)	
1841.635		P(30)
1841.608	Q(9) <i>ext</i>	
1841.462	R(10)	
1841.361	R(9)	
1841.283	Q(8) <i>ext</i>	
1840.984		P(29)
1840.976	Q(7) <i>ext</i>	
1840.969	R(7) <i>ext</i>	
1840.726	Q(6) <i>ext</i>	
1840.722	R(6) <i>ext</i>	
1840.354		P(28)
1840.293		Q(33)
1839.741		P(27)
1839.681		Q(32)
1839.153		P(26)
1839.095		Q(31)