

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

C: Wavelength region of 2007.11Å- 1918.75Å

Wavelength	A(1)-X(8)	A(4)-X(10)
2007.107	Q(2)	
2007.069	Q(1)	
2006.987	R(14)	
2006.925	R(0)	
2006.881	R(13)	
2006.818	R(1)	
2006.791	R(12)	
2006.772		P(34)
2006.735	R(2)	
2006.717	R(11)	
2006.669	R(3)	
2006.658	R(10)	
2006.621	R(4)	
2006.614	R(9)	
2006.589	R(5)	
2006.586	R(8)	
2006.573	R(6)	
2006.572	R(7)	
2006.241		Q(39)
2005.989		P(33)
2005.471		Q(38)
2005.232		P(32)
2004.616		Q(37)
2004.496		P(31)
2004.070		Q(36)
2003.781		P(30)
2003.360		Q(35)
2003.087		P(29)
2002.600		Q(34)
2002.412		P(28)
2002.023		Q(33)
2001.757		P(27)
2001.388		Q(32)
2001.122		P(26)
2000.774		Q(31)
2000.507		P(25)
2000.179		Q(30)
1999.911		P(24)
1999.605		Q(29)
1999.335		P(23)
1999.050		Q(28)
1998.778		P(22)
1998.515		Q(27)
1998.241		P(21)
1998.000		Q(26)

Wavelength	A(4)-X(10)
1997.723	P(20)
1997.505	Q(25)
1997.225	P(19)
1997.029	Q(24)
1996.745	P(18)
1996.553	Q(23)
1996.285	P(17)
1996.139	Q(22)
1995.843	P(16)
1995.721	Q(21)
1995.421	P(15)
1995.323	Q(20)
1995.018	P(14)
1994.945	Q(19)
1994.633	P(13)
1994.585	Q(18)
1994.267	P(12)
1994.245	Q(17)
1994.042	R(24)
1993.924	Q(16)
1993.920	P(11)
1993.622	Q(15)
1993.592	P(10)
1993.338	Q(14)
1993.282	P(9)
1993.073	Q(13)
1992.992	P(8)
1992.828	Q(12)
1992.719	P(7)
1992.601	Q(11)
1992.465	P(6)
1992.392	Q(10)
1992.313	R(18)
1992.230	P(5)
1992.203	Q(9)
1992.032	Q(8)
1992.013	P(4)
1991.878	Q(7)
1991.816	P(3)
1991.744	Q(6)
1991.637	P(2)
1991.629	Q(5)
1991.533	Q(4)
1991.455	Q(3)
1991.398	Q(2)
1991.359	Q(1)
1991.274	R(12)
1991.221	R(0)
1991.167	R(11)
1991.123	R(1)

Wavelength	A(4)-X(10)	A(3)-X(9)
1991.078	R(10)	
1991.043	R(2)	
1991.008	R(9)	
1990.982	R(3)	
1990.958	R(8)	
1990.940	R(4)	
1990.926	R(6)	
1990.917	R(5)	
1990.912	R(6)	
1988.685		Q(44)
1988.585		P(38)
1987.861		Q(43)
1987.763		P(37)
1987.059		Q(42)
1986.960		P(36)
1986.269		Q(41)
1986.175		P(35)
1985.527		Q(40)
1985.408		P(34)
1984.775		Q(39)
1984.661		P(33)
1984.051		Q(38)
1983.897		P(32)
1983.348		Q(37)
1983.288		P(31)
1982.662		Q(36)
1982.578		P(30)
1981.996		Q(35)
1981.905		P(29)
1981.337		Q(34)
1981.255		P(28)
1980.759		Q(33)
1980.622		P(27)
1980.140		Q(32)
1980.014		P(26)
1979.549		Q(31)
1979.422		P(25)
1978.978		Q(30)
1978.848		P(24)
1978.423		Q(29)
1978.292		P(23)
1977.971		Q(28)
1977.758		P(22)
1977.409		Q(27)
1977.240		P(21)
1976.911		Q(26)
1976.742		P(20)
1976.439		Q(25)
1976.260		P(19)
1975.984		Q(24)

Wavelength	A(3)-X(9)
1975.799	P(18)
1975.549	Q(23)
1975.355	P(17)
1975.131	Q(22)
1974.929	P(16)
1974.735	Q(21)
1974.521	P(15)
1974.355	Q(20)
1974.132	P(14)
1973.994	Q(19)
1973.761	P(13)
1973.650	Q(18)
1973.408	P(12)
1973.327	Q(17)
1973.074	P(11)
1973.020	Q(16)
1972.757	P(10)
1972.733	Q(15)
1972.462	Q(14)
1972.457	P(9)
1972.397	R(22)
1972.211	Q(13)
1972.177	P(8)
1972.116	R(21)
1971.977	Q(12)
1971.914	P(7)
1971.857	R(20)
1971.762	Q(11)
1971.668	P(6)
1971.564	Q(10)
1971.442	P(5)
1971.385	Q(9)
1971.233	P(4)
1971.223	Q(8)
1971.184	R(17)
1971.127	R(7)
1971.080	Q(7)
1971.042	P(3)
1970.998	R(16)
1970.954	Q(6)
1970.846	Q(5)
1970.756	Q(4)
1970.684	Q(3)
1970.544	R(13)
1970.458	R(0)
1970.429	R(12)
1970.357	R(1)
1970.333	R(11)
1970.273	R(2)
1970.254	R(10)

Wavelength	A(3)-X(9)	A(2)-X(8)
1970.208	R(3)	
1970.194	R(9)	
1970.160	R(4)	
1970.152	R(8)	
1970.132	R(5)	
1970.127	R(7)	
1970.120	R(6)	
1969.725		P(40)
1969.446		Q(46)
1968.749		P(39)
1968.621		Q(45)
1967.926		P(38)
1967.807		Q(44)
1967.120		P(37)
1966.994		Q(43)
1966.364		P(36)
1966.298		Q(42)
1965.599		P(35)
1965.542		Q(41)
1964.838		P(34)
1964.793		Q(40)
1964.377		P(33)
1964.270		Q(39)
1963.525		P(32)
1963.432		Q(38)
1962.821		P(31)
1962.747		Q(37)
1962.150		P(30)
1962.080		Q(36)
1961.499		P(29)
1961.464		Q(35)
1960.863		P(28)
1960.842		Q(34)
1960.241		Q(33)
1960.224		P(27)
1959.828		P(26)
1959.657		Q(32)
1959.167		P(25)
1958.086		Q(31)
1958.597		P(24)
1958.522		Q(30)
1958.055		P(23)
1957.926		Q(29)
1957.726		Q(28)
1957.535		P(22)
1957.141		Q(27)
1957.034		P(21)
1956.644		Q(26)
1956.551		P(20)
1956.182		Q(25)

Wavelength	A(2)-X(8)
1956.087	P(19)
1955.742	Q(24)
1955.640	P(18)
1955.322	Q(23)
1955.211	P(17)
1954.922	Q(22)
1954.799	P(16)
1954.540	Q(21)
1954.405	P(15)
1954.177	Q(20)
1954.028	P(14)
1953.831	Q(19)
1953.669	P(13)
1953.503	Q(18)
1953.328	P(12)
1953.193	Q(17)
1953.003	P(11)
1952.900	Q(16)
1952.696	P(10)
1952.624	Q(15)
1952.407	P(9)
1952.366	Q(14)
1952.133	P(8)
1952.126	Q(13)
1951.902	Q(12)
1951.877	P(7)
1951.696	Q(11)
1951.638	P(6)
1951.507	Q(10)
1951.468	R(19)
1951.417	P(5)
1951.335	Q(9)
1951.214	P(4)
1951.178	Q(8)
1951.056	Q(7)
1951.007	P(3)
1950.928	Q(6)
1950.825	Q(5)
1950.736	Q(4)
1950.671	Q(3)
1950.469	R(13)
1950.449	R(0)
1950.364	R(12)
1950.329	R(1)
1950.277	R(11)
1950.264	R(2)
1950.207	R(10)
1950.196	R(3)
1950.154	R(9)
1950.146	R(4)

Wavelength	A(2)-X(8)	A(5)-X(10)	A(1)-X(7)
1950.118	R(8)		
1950.113	R(5)		
1950.100	R(7)		
1950.098	R(6)		
1949.994		P(27)	
1949.343		P(26)	
1948.714		P(25)	
1948.105		P(24)	
1947.517		P(23)	
1946.967		Q(27)	
1946.950		P(22)	
1946.428		Q(26)	
1946.402		P(21)	
1945.911		Q(25)	
1945.875		P(20)	
1945.415		Q(24)	
1945.367		P(19)	
1944.939		Q(23)	
1944.881		P(18)	
1944.483		Q(22)	
1944.421			P(33)
1944.414		P(17)	
1944.199			Q(39)
1944.048		Q(21)	
1943.964		P(16)	
1943.752			P(32)
1943.632		Q(20)	
1943.541		P(15)	
1943.539			Q(38)
1943.238		Q(19)	
1943.134		P(14)	
1943.098			P(31)
1942.896			Q(37)
1942.861		Q(18)	
1942.747		P(13)	
1942.509		Q(17)	
1942.460			P(30)
1942.379		P(12)	
1942.266			Q(36)
1942.175		Q(16)	
1942.088			Q(35) _{ext}
1942.032		P(11)	
1941.859		Q(15)	
1941.840			P(29)
1941.704		P(10)	
1941.619			Q(35)
1941.565		Q(14)	
1941.396		P(9)	
1941.289		Q(13)	
1941.230			P(28)

Wavelength	A(5)-X(10)	A(1)-X(7)
1941.130		Q(34)
1941.108	P(8)	
1941.030	Q(12)	
1940.834	P(7)	
1940.800	Q(11)	
1940.760		P(27)
1940.589	P(6)	
1940.584	Q(10)	
1940.551		P(27) _{ext}
1940.537		Q(33)
1940.388	Q(9)	
1940.212	Q(8)	
1940.126		P(26)
1940.055	Q(7)	
1939.979		Q(32)
1939.918	Q(6)	
1939.801	Q(5)	
1939.560		P(25)
1939.440		Q(31)
1939.024		P(24)
1938.919		Q(30)
1938.505		P(23)
1938.479		Q(29) _{ext}
1938.325		Q(29)
1938.005		P(22)
1937.944		Q(28)
1937.520		P(21)
1937.474		Q(27)
1937.053		P(20)
1937.014		Q(26)
1936.604		P(19)
1936.611		Q(25)
1936.177		Q(24)
1936.171		P(18)
1935.803		Q(23)
1935.752		P(17)
1935.411		Q(22)
1935.352		P(16)
1935.045		Q(21)
1934.967		P(15)
1934.696		Q(20)
1934.598		P(14)
1934.556		P(9) _{ext}
1934.365		Q(19)
1934.244		P(13)
1934.049		Q(18)
1933.907		P(12)
1933.749		Q(17)
1933.584		P(11)
1933.467		Q(16)

Wavelength	A(1)-X(7)	A(4)-X(9)
1933.277	P(10)	
1933.199	Q(15)	
1932.985	P(9)	
1932.949	Q(14)	
1932.714	Q(13)	
1932.708	P(8)	
1932.496	Q(12)	
1932.447	P(7)	
1932.293	Q(11)	
1932.202	P(6)	
1932.107	Q(10)	
1931.972	P(5)	
1931.933	Q(9)	
1931.776	Q(8)	
1931.761	P(4)	
1931.633	R(17)	
1931.632	Q(7)	
1931.567	P(3)	
1931.507	Q(6)	
1931.468	R(16)	
1931.396	Q(5)	
1931.396	P(2)	
1931.301	Q(4)	
1931.223	Q(3)	
1931.166	Q(2)	
1931.071	R(13)	
1930.993	R(0)	
1930.971	R(12)	
1930.895	R(1)	
1930.887	R(11)	
1930.821	R(2)	
1930.818	R(10)	
1930.764	R(9)R(3)	
1930.726	R(8)	
1930.725	R(4)	
1930.702	R(7)	
1930.702	R(5)	
1930.694	R(6)	
1930.619		P(30)
1930.444		Q(35)
1929.936		P(29)
1929.692		Q(34)
1929.271		P(28)
1929.113		Q(33)
1928.627		P(27)
1928.480		Q(32)
1928.002		P(26)
1927.868		Q(31)
1927.398		P(25)
1927.275		Q(30)

Wavelength	A(4)-X(9)
1926.812	P(24)
1926.703	Q(29)
1926.246	P(23)
1926.150	Q(28)
1925.700	P(22)
1925.617	Q(27)
1925.172	P(21)
1925.105	Q(26)
1924.665	P(20)
1924.611	Q(25)
1924.176	P(19)
1924.137	Q(24)
1923.706	P(18)
1923.664	Q(23)
1923.638	Q(23) _{ext}
1923.256	P(17)
1923.249	Q(22)
1922.833	Q(21)
1922.824	P(16)
1922.437	Q(20)
1922.411	P(15)
1922.060	Q(19)
1922.018	P(14)
1921.701	Q(18)
1921.643	P(13)
1921.362	Q(17)
1921.286	P(12)
1921.042	Q(16)
1920.948	P(11)
1920.741	Q(15)
1920.630	P(10)
1920.458	Q(14)
1920.330	P(9)
1920.195	Q(13)
1920.048	P(8)
1919.950	Q(12)
1919.784	P(7)
1919.724	Q(11)
1919.540	P(6)
1919.516	Q(10)
1919.364	R(17)
1919.327	Q(9)
1919.314	P(5)
1919.157	Q(8)
1919.106	P(4)
1919.005	Q(7)
1918.918	P(3)
1918.871	Q(6)
1918.793	R(14)
1918.756	Q(5)