

List of the observed wavenumber of absorption bands of N₂.

C: Wavelength region of 87.140nm - 90.111nm

Wavenumber	$b'(16) - X(0)$
114757.98	R(2)R(1)
114756.50	R(3)R(0)
114753.24	R(4)
114751.02	
114749.71	P(1)
114748.08	R(5)
114746.72	
114744.41	P(2)
114741.05	R(6)
114738.62	
114738.05	P(3)
114736.30	
114731.99	R(7)
114730.26	P(4)
114728.34	
114726.33	
114724.15	
114720.77	R(8)P(5)
114718.76	
114714.20	
114711.03	
114709.46	P(6)
114707.66	R(9)
114699.95	
114698.64	
114696.42	P(7)
114693.51	
114692.69	R(10)
114686.77	
114681.40	
114678.11	
114677.35	
114675.04	R(11)
114671.96	
114667.96	
114664.43	P(9)
114661.47	
114660.49	
114657.93	
114655.62	R(12)
114647.23	
114645.40	P(10)
114642.67	
114640.44	
114638.04	

Wavenumber	$^{14}\text{N}_2$	$b'(16) - X(0)$	$^{14}\text{N}^{15}\text{N}$
114634.06	R(13)		
114630.11			
114626.84			
114624.28	P(11)	R(2)-R(0)	
114621.59		R(3)	
114618.13			
114617.40		R(4)	114614.93
114611.92		P(2)	
114610.44	R(14)	R(5)	
114605.23		P(3)	
114602.83		R(6)	
114601.03	P(12)		
114597.18		P(4)	
114593.39			
114592.96		R(7)	114589.51
114586.86		P(5)	
114584.72	R(15)		
114580.87		R(8)	
114575.67	P(13)	P(6)	
114566.78		R(9)	
114564.77			
114561.56			
114561.05		P(7)	
114557.03	R(16)		
114552.08			
114550.92			
114548.30	P(14)		
114545.85			
114545.18		P(8)	
114543.90			
114540.00			
114537.34			
114533.09			
114531.74			
114527.30	R(17)	P(9)	
114524.81			
114520.22			
114518.76	P(15)		
114513.45			
114512.42			
114507.68		P(10)	
114505.70			
114499.15			
114496.86			
114495.50	R(18)		
114491.97			
114487.17	P(16)		
114486.37		P(11)	

Wavenumber	$b'(16) - X(0)$	$b(19) - X(0)$
114473.86		
114471.59		
114468.56		
114464.55		
114461.78	R(19)	
114453.64	P(17)	
114450.26		
114443.22		
114437.16		
114435.33		
114427.34		
114425.98	R(20)	
114421.56		
114417.98	P(18)	
114415.71		
114409.75		
114396.82		
114392.89		
114388.13	R(21)	
114387.05		
114381.88		
114380.35	P(19)	
114355.69		
114348.37	R(22)	
114340.65	P(20)	
114322.62		
114316.23		
114312.51		
114306.51	R(23)	
114302.36		
114299.02	P(21)	
114287.69		
114281.46		
114266.83		
114262.65	R(24)	
114255.35		
114256.19		R(1)R(0)
114255.34	P(22)	
114253.94		R(2)
114252.52		Q(1)
114249.47		R(3)
114248.33		Q(2)
114244.34		P(2)
114242.71		R(4)
114242.15		Q(3)
114236.38		P(3)
114233.66		Q(4)R(5)
114226.02		P(4)
114223.24		Q(5)R(6)

Wavenumber	$b'(16) - X(0)$	$b(19) - X(0)$	$b'(15) - X(0)$
114216.83	R(25)		
114213.60		P(5)	
114210.16		Q(6)R(7)	
114209.65	P(23)		
114207.52			
114205.98			
114199.10		P(6)	
114195.63		Q(7)R(8)	
114182.47		P(7)	
114178.70		Q(8)R(9)	
114171.63			R(1)R(0)
114170.16			R(2)
114167.18			R(3)
114165.37			P(1)
114163.72			
114161.15			R(4)
114159.71			P(2)
114153.69			R(5)
114151.85			P(3)
114147.49			
114144.45			R(6)
114142.29			P(4)
114138.68			
114133.44			R(7)
114130.69			P(5)
114120.45			R(8)
114117.30			P(6)
114112.20			
114105.60			R(9)
114102.03			P(7)
114094.84			
114088.87			R(10)
114084.92			P(8)
114070.14			R(11)
114067.52			
114065.80			P(9)
114062.73			
114060.55			
114049.62			R(12)
114044.90			P(10)
114038.53			
114033.10			
114027.11			R(13)

Wavenumber	$b'(15) - X(0)$	
	$^{14}\text{N}_2$	$^{14}\text{N}^{15}\text{N}$
114024.74		R(1)R(0)
114023.27		R(2)
114022.10	P(11)	
114019.89		R(3)
114019.45		P(1)
114014.48		R(4)
114013.26		P(2)
114007.71		R(5)
114005.82		P(3)
114002.71	R(14)	
113998.71		R(6)
113997.40	P(12)	
113996.82		P(4)
113987.88		R(7)
113985.16		P(5)
113976.38	R(15)	
113975.56		R(8)
113972.42		P(6)
113970.76	P(13)	
113967.53		
113964.87		
113960.93		R(9)
113957.53		P(7)
113948.22	R(16)	
113944.50		R(10)
113942.24	P(14)	
113941.14		P(8)
113937.86		
113931.42		
113928.22		
113926.72		R(11)
113922.46		P(9)
113918.14	R(17)	
113911.85	P(15)	
113906.86		R(12)
113902.32		P(10)
113900.10		
113893.32		
113886.05	R(18)	
113885.51		R(13)
113879.58	P(16) P(11)	
113861.53		R(14)
113860.07		
113856.34		P(12)
113852.14	R(19)	
113845.33	P(17)	
113839.89		
113836.16		
113833.88		

Wavenumber	$b'(15) - X(0)$ $^{14}\text{N}_2$	$b(18) - X(0)$ $^{14}\text{N}^{15}\text{N}$
113830.68		P(13)
113816.21	R(20)	
113809.19	P(18)	
113803.07		
113802.27		P(14)
113778.45	R(21)	
113773.47		
113771.21	P(19)	
113765.57		
113748.98		
113742.54		
113738.74	R(22)	
113731.23	P(20)	
113727.28		
113718.55		
113716.07		
113708.95		R(1)R(0)
113707.92		
113706.72		R(2)
113705.05		Q(1)
113702.53		R(3)
113700.93		Q(2)
113696.80	R(23)	
113696.46		R(4)P(2)
113694.80		Q(3)
113692.76		
113689.22	P(21)	
113688.19		R(5)P(3)
113686.64		Q(4)
113681.26		
113678.72		P(4)
113677.79		R(6)
113676.42		Q(5)
113674.54		
113666.66		P(5)
113665.42		R(7)
113664.24		Q(6)
113653.29	R(24)	
113652.67		P(6)
113650.93		R(8)
113649.98		Q(7)
113645.56	P(22)	
113643.43		
113636.41		P(7)
113634.57		R(9)
113633.75		Q(8)
113618.12		P(8)
113615.95		R(10)
113615.42		Q(9)

Wavenumber	$b'(15) - X(0)$	$b(18) - X(0)$	$b'(14) - X(0)$
113607.96	R(25)		
113599.85	P(23)		
113597.77		P(9)	
113595.55		R(11)	
113595.01		Q(10)	
113575.53		P(10)	
113572.98		R(12)	
113572.49		Q(11)	
113561.10	R(26)		
113557.74			
113552.16	P(24)		
113551.25		P(11)	
113548.09		Q(12)R(13)	
113542.50			R(1)R(0)
113541.06			R(2)
113537.55			R(3)
113536.61			P(1)
113532.13			R(4)
113530.46			P(2)
113524.85			R(5)
113522.58			P(3)
113515.68			R(6)
113513.09			P(4)
113504.84			R(7)
113501.61			P(5)
113492.05			R(8)
113488.31			P(6)
113477.28			R(9)
113473.03			P(7)
113465.60			
113460.79			R(10)
113456.01			P(8)
113451.16			
113442.48			R(11)
113437.11			P(9)
113433.24			
113429.42			
113422.25			R(12)
113416.34			P(10)
113408.38			
113400.34			R(13)
113393.82			P(11)
113391.43			
113384.17			
113382.10			
113376.64			R(14)
113372.55			
113369.37			P(12)
113364.83			

Wavenumber	$b'(14) - X(0)$	$o_3(4) - X(0)$
113361.84		
113357.60		
113351.49	R(15)	
113348.86		
113343.03	P(13)	
113338.35		
113334.37		
113325.42	R(16)	
113322.62		
113319.56		R(7)-R(5)
113318.95		R(8)R(4)
113317.37		R(9)R(3)
113315.09		R(10)R(2)
113313.07		R(11)R(1)
113310.20		R(12)R(0)
113306.14		Q(1)R(13)
113305.26		Q(2)
113303.59		Q(3)
113301.69		Q(4)R(14)
113298.71		Q(5)P(2)R(15)
113295.90		Q(6)
113293.34		P(3)
113291.69		Q(7)R(16)
113288.44		
113287.63		Q(8)P(4)R(18)
113285.14	P(15)	
113282.33		Q(9)
113281.79		P(5)
113279.57		R(17)
113277.05		Q(10)
113275.03		P(6)
113272.47		R(19)
113271.31		Q(11)
113267.77		P(7)
113264.72		Q(12)R(20)
113260.07		P(8)
113257.79		Q(13)
113255.77	R(18)	
113253.47	P(16)	
113251.83		P(9)
113250.35		Q(14)
113242.80		Q(15)
113241.39		
113233.85		Q(16)
113224.64		Q(17)
113224.12	R(19)	P(12)
113220.46	P(17)	
113215.58		Q(18)
113213.49		P(13)
113208.58		

Wavenumber	$b'(14) - X(0)$	$o_3(4) - X(0)$	$b(17) - X(0)$
113205.62		Q(19)	
113202.57		P(14)	
113197.60			
113195.33		Q(20)	
113190.62	R(20)	P(15)	
113186.42	P(18)		
113184.54			
113181.38		Q(21)	
113179.00		P(16)	
113177.73			
113173.02			
113170.76			
113166.14		P(17)	
113162.08		Q(22)	
113154.61	R(21)P(19)		
113151.75		P(18)	
113147.77			
113144.52			
113140.32			
113137.39			
113132.48		P(19)P(20)	
113128.95			R(1)R(0)
113127.12			R(2)
113124.86			Q(1)
113123.30			R(3)
113121.11		Q(23)	Q(2)
113117.04			R(4)P(2)
113116.27	R(22)		
113115.22			Q(3)
113109.50		P(21)	R(5)P(3)
113107.36			Q(4)
113105.07			
113100.87	P(20)		
113100.10			R(6)
113099.27			P(4)
113097.62			Q(5)
113094.70			
113092.72			
113089.87			
113088.06			R(7)
113087.48			P(5)
113085.92			Q(6)
113076.65	R(23)		
113074.62			R(8)
113073.62			P(6)
113072.24			Q(7)
113061.97	P(21)		
113059.32			R(9)
113057.80			P(7)

Wavenumber	$b'(14) - X(0)$	$b(17) - X(0)$	$b'(13) - X(0)$
113056.56		Q(8)	
113047.77			
113041.88		R(10)	
113040.25		P(8)	
113039.11		Q(9)	
113035.67	R(24)		
113025.55			
113022.78		R(11)	
113019.89	P(22)	Q(10)P(9)	
113010.69			
113005.94			
113001.25		R(12)	
112998.92		P(10)	
112998.32		Q(11)	
112993.79	R(25)		
112988.00			
112979.65			
112978.87		R(13)	
112975.44	P(23)	P(11)	
112954.80		R(14)	
112951.98			
112950.22		P(12)	
112949.66			
112937.38			
112929.83	P(24)		
112923.25		P(13)qQ(14)	
112918.91			
112910.51			R(1)
112910.04			R(2)R(0)
112907.44			R(3)
112903.74			R(4)P(1)
112898.86			R(5)
112898.11			P(2)
112893.88			R(6)
112890.78			P(3)
112889.23			R(7)
112885.95			
112881.97			P(4)
112880.76	P(25)		
112878.81			
112877.61			
112876.29			
112874.54			
112871.70			P(5)
112867.53			
112865.55			

Wavenumber	$b'(14) - X(0)$	$b'(13) - X(0)$	$c_3(4) - X(0)$	$c'_4(4) - X(0)$
112863.40			R(6)-R(4)	
112860.91			R(7)R(3)	
112860.40		P(6)		
112859.18			R(2)	
112855.18		R(8)		
112852.89				
112848.82				
112847.14		P(7)R(9)		
112844.97	R(28)		Q(6)	
112842.55			Q(7)	
112840.07			Q(8)	
112836.81		R(10)		
112834.16		P(8)		
112831.25	P(26)		P(4)	
112829.22				
112825.83		R(11)	P(5)	
112823.93				
112821.66		P(9)		
112819.25			P(6)	
112815.39		R(12)		
112813.28				
112812.26			P(7)	
112810.37			P(10)	
112807.17				
112803.75			P(8)	
112800.22	R(29)		P(11)	
112799.30				
112795.36		R(14)		
112793.19			P(9)	
112787.40				
112782.81	P(27)			
112779.56		P(10)		
112777.17				R(5)-R(3)
112775.98				R(6)R(2)
112773.77				R(7)R(1)
112771.22				R(0)
112770.48				R(8)
112765.43				R(9)
112763.72		P(11)		P(1)
112760.64				
112758.98				R(10)P(2)
112753.95				P(3)
112749.78				R(11)
112748.02				P(4)
112745.36		P(12)		

Wavenumber	$b'(14) - X(0)$	$c'_4(4) - X(0)$
112742.00		
112741.26		P(5)
112738.01		R(12)
112733.71		P(6)
112732.12		
112729.15		
112726.47		
112725.48		P(7)
112722.97		R(13)
112721.50		
112716.20		P(8)
112710.63		
112707.80		
112705.94		P(9)
112704.49		R(14)
112702.38		
112699.35		
112697.03		
112694.67		P(10)
112688.94		
112686.50		
112682.83		R(15)
112682.31		P(11)
112677.04		
112675.58	P(29)	
112673.03		
112667.39		P(12)
112663.90		
112662.17		
112658.34		R(16)
112656.22		
112650.41		P(13)
112648.40		
112646.36		
112640.66		
112635.15		
112630.82		P(14)R(17)
112629.27		
112623.43		
112621.96		
112617.50		
112614.06	P(30)	
112612.68		
112610.24		
112607.74		P(15)
112606.10		
112601.44		R(18)
112596.39		
112592.92		

Wavenumber	$c'_4(4) - X(0)$	$b(16) - X(0)$
112589.92		
112586.33		
112581.31	P(16)	
112575.35		
112572.91		
112569.52	R(19)	
112565.49		
112561.67		
112558.71		
112555.93		
112551.81	P(17)	
112547.58		
112545.21		
112537.29		
112535.31	R(20)	
112525.56		
112519.27	P(18)	
112517.83		
112514.58		
112510.41		R(1)R(0)
112508.89		R(2)
112506.10		Q(1)
112505.44		R(3)
112502.61		Q(2)
112501.20		
112499.59		R(4)
112499.09	R(21)	P(2)
112496.97		Q(3)
112492.27		R(5)
112490.33		P(3)
112489.41		Q(4)
112487.66		
112483.96		
112483.31		R(6)
112480.78		P(4)
112480.08		Q(5)
112473.92		
112471.77		R(7)
112468.73		Q(6)
112464.17		
112460.70	R(22)	
112458.72		R(8)
112455.93		
112455.60		Q(7)P(6)
112446.55	P(20)	
112443.55		R(9)
112440.19		Q(8)P(7)
112426.59		R(10)
112423.08		Q(9)P(8)

Wavenumber	$c'_4(4) - X(0)$	$b(16) - X(0)$	$b'(12) - X(0)$
112420.27	R(23)		
112416.06			
112412.39			
112410.19			
112406.82	P(21)		
112404.76			
112403.99		Q(10)P(9)	
112386.91		R(12)	
112383.05		Q(11)P(10)	
112377.98	R(24)		
112375.10			
112372.60			
112364.54	P(22)	R(13)	
112360.12		Q(12)P(11)	
112349.09			
112346.36			
112343.55			
112339.49		R(14)	
112335.21		Q(13)P(12)	
112333.67	R(25)		
112320.43	P(23)		
112316.69			
112312.93		R(15)	
112308.61		Q(14)P(13)	
112300.61			
112298.35			
112287.28	R(26)		
112284.38		R(16)	
112279.80		Q(15)P(14)	
112278.64			
112274.17	P(24)		
112253.83		R(17)	
112249.30		Q(16)P(15)	
112240.60			R(1)R(0)
112239.27			R(2)
112235.82			R(3)
112234.29			P(1)
112230.60			R(4)
112228.47			P(2)
112226.11			
112223.48			R(5)
112220.82			P(3)
112216.61			
112214.68			R(6)
112211.28			P(4)
112203.89			R(7)
112199.89			P(5)
112191.39			R(8)
112186.79			P(6)
112182.32		Q(18)P(17)	

Wavenumber	$b(16) - X(0)$	$b'(12) - X(0)$
112176.96		R(9)
112175.92		
112171.80		P(7)
112165.24		
112160.83		R(10)
112154.99		P(8)
112150.90		
112145.68	Q(19)P(18)	
112142.71		R(11)
112136.31		P(9)
112122.82		R(12)
112118.71		
112115.76		P(10)
112113.05		
112109.23		
112107.60		
112102.21		
112101.06		R(13)
112093.51		P(11)
112090.59		
112083.49		
112079.61		
112077.50		R(14)
112071.39		
112069.30		P(12)
112067.14		
112057.59		
112052.07		R(15)
112046.58		
112043.26		P(13)
112036.28		
112029.89		
112027.01		
112024.79		R(16)
112018.18		
112015.49		P(14)
112005.23		
112001.24		
111998.43		
111995.65		R(17)
111985.78		P(15)
111984.44		
111980.40		
111976.80		
111964.75		R(18)
111961.44		
111954.20		P(16)
111936.90		
111935.00		
111931.97		R(19)

Wavenumber	$b'(12) - X(0)$	$b(15) - X(0)$
111928.37		
111920.92	P(17)	
111910.67		
111901.45		
111897.36	R(20)	
111891.83		
111885.77	P(18)	
111882.55		
111874.40		R(1)R(0)
111873.12		R(2)
111869.93		R(3)Q(1)
111866.70		Q(2)
111864.41		R(4)
111862.23		P(2)
111861.10	R(21)	Q(3)
111857.28		R(5)
111855.79		
111854.38		P(3)
111853.84		Q(4)
111848.47	P(19)	R(6)
111845.20		
111844.74		Q(5)P(4)
111842.37		
111837.43		R(7)
111833.49		Q(6)P(5)
111824.84		R(8)
111822.73	R(22)	
111820.54		Q(7)P(6)
111809.96	P(20)	R(9)
111805.64		Q(8)P(7)
111793.86		R(10)
111788.80		
111782.64	R(23)	
111775.69		R(11)
111770.33		Q(10)
111769.69	P(21)	P(9)
111755.55		R(12)
111749.71		Q(11)
111749.36		P(10)
111740.77	R(24)	
111733.63		R(13)
111727.90		Q(12)
111726.77	P(22)	P(11)
111709.88		R(14)
111703.63		Q(13)
111702.57		P(12)
111697.30	R(25)	
111684.20		R(15)
111682.41	P(23)	

Wavenumber	$b'(12) - X(0)$	$b(15) - X(0)$	$b'(11) - X(0)$
111677.92		Q(14)	
111676.41		P(13)	
111656.58		R(16)	
111651.83	R(26)		
111650.13		Q(15)	
111648.23		P(14)	
111639.92			
111636.23	P(24)		
111627.46		R(17)	
111620.54		Q(16)	
111618.35		P(15)	
111604.78	R(27)		
111596.24		R(18)	
111588.82	P(25)	Q(17)	
111586.72		P(16)	
111583.16			R(1)R(0)
111582.16			R(2)
111578.84			R(3)R(5)
111576.93			P(1)
111573.88			R(4)
111571.12			P(2)
111567.15			R(5)
111563.54		R(19)	P(3)
111553.64			R(6)
111555.84		Q(18)	
111554.20			P(4)
111548.33			R(7)
111543.07			P(5)
111538.61	P(26)		
111536.30			R(8)
111530.16			P(6)
111522.46			R(9)
111521.12		Q(19)	
111517.75		P(18)	
111515.46			P(7)
111506.92			R(10)
111498.95			P(8)
111492.49			
111489.78			R(11)
111487.58	P(27)		
111483.88		Q(20)	
111480.75		P(19)	P(9)
111471.30			R(12)
111468.74			
111467.82			
111464.33			
111460.74			P(10)

Wavenumber	$b(15) - X(0)$	$b'(11) - X(0)$	$o_3(3) - X(0)$
111458.71			R(7)-R(4)
111457.37			R(8)R(3)
111455.75			R(9)R(2)
111453.02		R(13)	R(10)R(1)
111450.81			R(0)
111449.48			R(11)
111446.64			Q(1)
111445.59			Q(2)R(12)
111444.03			Q(3)
111441.48			Q(4)
111438.85		P(11)	Q(5)R(13)R(14)P(2)
111434.99			Q(6)
111433.84			P(3)
111431.19			Q(7)R(15)
111428.05			P(4)R(16)
111427.22			
111426.62			Q(8)
111422.81		R(14)	
111422.46			P(5)
111421.49			Q(9)R(17)
111415.23		P(12)	Q(10)R(18)
111414.90			P(6)
111409.34			Q(11)
111407.21			P(7)R(19)
111402.49			Q(12)
111399.46		R(15)	P(8)R(20)
111394.99			Q(13)
111392.88			
111390.55		P(13)	P(9)
111389.24			R(21)
111386.97			Q(14)
111381.48			P(10)
111378.45			Q(15)
111374.34		R(16)	
111371.62			P(11)
111369.22			Q(16)
111365.77			
111363.99		P(14)	
111361.19			P(12)
111359.40			Q(17)
111357.02			
111354.30			
111349.89			P(13)
111349.17			Q(18)
111346.79		R(17)	
111344.33			R(24)
111340.84			
111339.69			
111337.87		P(15)	P(14)Q(19)
111334.92	R(27)		

Wavenumber	$b(15) - X(0)$	$b'(11) - X(0)$	$o_3(3) - X(0)$	$b(14) - X(0)$
111329.22				
111326.46			Q(20)	
111323.20			P(15)	
111321.14	R(28)			
111317.54		R(18)	P(16)	
111314.12			Q(21)	
111309.38			R(25)	
111306.77	R(29)			
111305.12				
111303.46			P(17)	
111300.91			Q(22)	
111299.72		P(16)		
111296.12				
111293.13				
111291.98	R(30)			
111289.22			P(18)	
111286.62		R(19)	Q(23)	
111284.51	Q(25)			
111283.17				
111276.28	P(24)			
111274.68			P(19)	
111270.28			Q(24)	
111268.89		P(17)		
111267.13				
111264.91			R(26)	
111259.54			P(20)	
111258.47	Q(26)			
111253.96		R(20)		
111249.82				
111247.28			Q(25)	
111243.97			P(21)	
111239.61	Q(27)			
111235.36		P(18)		
111227.64			P(22)	
111225.25	P(25)Q(28)			
111222.27			R(27)	
111220.00		R(21)		
111216.84				
111211.91				R(1)R(0)
111210.91				R(2)
111207.74				R(3)Q(1)
111204.24				Q(2)
111202.67				R(4)
111199.68				P(2)
111195.84				Q(3)
111195.84				R(5)
111191.82				Q(4)P(3)
111187.28				R(6)
111184.50		R(22)		

Wavenumber	$b(15) - X(0)$	$b'(11) - X(0)$	$b(14) - X(0)$
111182.85			Q(5)P(4)
111176.90			R(7)
111171.92			Q(6)P(5)
111164.73			R(8)
111162.70		P(20)	
111159.11			Q(7)P(6)
111150.77	P(27)		R(9)
111147.87		R(23)	
111145.00			Q(8)
111144.39			P(7)
111143.89			
111135.00			R(10)
111132.74	P(28)		
111128.88			Q(9)
111127.65			P(8)
111123.75		P(21)	
111117.43			R(11)
111110.90			Q(10)
111110.32	P(29)		
111109.41			P(9)
111108.04		R(24)	
111098.03			R(12)
111091.15			Q(11)
111089.21			P(10)
111083.31		P(22)	
111076.95			R(13)
111071.70		R(25)	
111069.64			Q(12)
111067.29			P(11)
111061.82			
111053.95			R(14)
111050.84			
111046.23			Q(13)
111043.61			P(12)
111041.52		P(23)	
111037.95			
111033.10			
111029.19			R(15)
111027.43		R(26)	
111021.09			Q(14)
111017.98			P(13)
111015.30			
111007.34			
111002.70			R(16)
110998.08		P(24)	
110994.18			Q(15)
110990.75			P(14)
110986.12		R(27)	
110974.46			R(17)