

SOIL DEGREE DAY ACCUMULATION FOR NEMATODE CONTROL
RUSSET NORKOTAH, SLV RESEARCH CENTER - 2015

For root-knot nematode control, Vydate applications should begin at 800 Degree-days (DD_{5Celsius}) or 1,440 DD_{41Fahrenheit}. To estimate that date, add the number of "Total DD" on the day you planted to 800 (or 1,440). Where that value occurs in the "Total DD" column estimates the date on which 800 DD_{5C} or 1,440 DD_{41F} will occur in that field.

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This information can also be found on the SLV Research Center Website:
<http://www.colostate.edu/Depts/SLVRC/disease/nematode.htm>

This data was updated Friday, September 08, 2017

Data after that date are estimated using average temperature for the previous 7 days.
 The last date when the Degree Days were updated is in bold.

MONTH	DAY	GROWING DAYS	AVE SOIL TEMP - C	DAILY DD5C	TOTAL DD5C	AVE SOIL TEMP F	DAILY DD41F	2017 TOTAL DD41F	Avg.	HISTORICAL TOTAL DD41F					
									2004-2016	2016	2015	2014	2013	2012	2011
1-May	1	1	10.8	5.8	5.8	51.4	10.4	10.4	13.2	4.9	16.8	14.4	17.3	15.4	10.1
2-May	2	2	11.1	6.1	11.9	52.1	11.1	21.5	25.3	12.3	30.1	30.3	31.1	30.9	16.0
3-May	3	3	13.0	8.0	19.9	55.4	14.4	35.8	38.6	22.2	43.8	49.9	45.1	48.7	24.4
4-May	4	4	14.6	9.6	29.6	58.4	17.4	53.2	53.8	34.0	58.7	70.1	60.7	68.6	37.0
5-May	5	5	16.5	11.5	41.0	61.6	20.6	73.8	69.8	48.5	73.7	91.6	76.3	89.1	51.7
6-May	6	6	16.6	11.6	52.6	61.8	20.8	94.7	85.9	64.0	86.4	114.2	90.7	109.6	68.5
7-May	7	7	16.5	11.5	64.1	61.8	20.8	115.4	102.1	78.3	100.4	135.9	103.3	125.8	87.5
8-May	8	8	15.9	10.9	75.0	60.7	19.7	135.1	118.2	90.4	115.2	153.9	116.7	138.6	106.9
9-May	9	9	14.9	9.9	85.0	58.9	17.9	153.0	134.3	103.8	129.3	167.4	126.8	154.6	126.2
10-May	10	10	12.5	7.5	92.5	54.5	13.5	166.5	150.6	117.3	140.0	179.0	137.6	173.5	144.0
11-May	11	11	13.3	8.3	100.8	56.0	15.0	181.5	167.4	130.0	152.1	191.0	151.7	192.0	161.6
12-May	12	12	15.4	10.4	111.2	59.7	18.7	200.2	183.9	142.3	166.2	198.6	168.8	207.2	176.8
13-May	13	13	16.2	11.2	122.4	61.1	20.1	220.3	201.1	158.7	182.7	203.4	188.8	218.9	194.6

MONTH	DAY	GROWING			TOTAL DD5C	AVE SOIL DAILY		2017 TOTAL DD41F	Avg.	HISTORICAL					
		DAY	TEMP - C	DD5C		TEMP F	DD41F		2004- 2016	2016	2015	2014	2013	2012	2011
14-May	14	14	16.7	11.7	134.1	62.1	21.1	241.3	218.8	177.4	198.3	209.0	208.9	233.6	213.7
15-May	15	15	17.1	12.1	146.2	62.8	21.8	263.1	237.4	196.8	213.3	218.6	228.8	252.5	233.3
16-May	16	16	16.4	11.4	157.6	61.6	20.6	283.7	257.7	212.1	226.1	231.5	247.8	273.3	254.6
17-May	17	17	15.4	10.4	168.0	59.6	18.6	302.3	277.4	223.4	239.5	247.2	268.0	294.8	276.1
18-May	18	18	15.2	10.2	178.1	59.3	18.3	320.7	297.8	236.3	254.9	264.1	288.6	315.9	295.5
19-May	19	19	14.1	9.1	187.2	57.3	16.3	336.9	318.6	252.9	269.0	283.2	307.3	337.5	312.1
20-May	20	20	15.3	10.3	197.5	59.5	18.5	355.5	339.6	271.7	283.1	302.1	321.5	360.1	326.2
21-May	21	21	16.8	11.8	209.3	62.2	21.2	376.7	361.0	292.0	297.6	318.3	336.6	384.8	341.1
22-May	22	22	17.9	12.9	222.2	64.3	23.3	400.0	382.5	313.2	311.8	335.9	355.6	410.3	356.9
23-May	23	23	18.4	13.4	235.6	65.1	24.1	424.1	403.8	334.4	326.8	354.6	376.9	435.7	373.9
24-May	24	24	18.7	13.7	249.3	65.7	24.7	448.8	425.2	355.8	340.9	371.6	400.3	461.6	391.7
25-May	25	25	19.2	14.2	263.5	66.6	25.6	474.4	447.0	377.4	355.0	387.9	424.4	487.0	411.0
26-May	26	26	19.5	14.5	278.0	67.0	26.0	500.4	469.6	398.2	370.4	406.1	449.5	513.0	432.3
27-May	27	27	18.6	13.6	291.6	65.4	24.4	524.8	492.9	415.4	387.9	429.3	473.6	536.9	455.3
28-May	28	28	19.3	14.3	305.9	66.8	25.8	550.6	517.9	431.4	406.1	452.7	496.9	559.9	479.4
29-May	29	29	20.6	15.6	321.4	69.0	28.0	578.6	542.0	449.1	424.1	474.2	519.4	585.0	505.2
30-May	30	30	20.7	15.7	337.1	69.3	28.3	606.9	565.9	469.7	444.7	493.1	541.4	610.8	530.5
31-May	31	31	20.6	15.6	352.7	69.0	28.0	634.9	590.5	491.9	467.1	515.0	564.2	637.7	554.2
1-Jun	1	32	20.7	15.7	368.4	69.2	28.2	663.1	615.9	516.2	488.2	539.9	587.3	666.2	579.4
2-Jun	2	33	21.2	16.2	384.6	70.2	29.2	692.3	641.8	541.9	511.4	565.8	611.8	694.9	604.9
3-Jun	3	34	22.0	17.0	401.6	71.6	30.6	722.9	667.8	568.2	535.8	591.7	636.7	722.0	630.7
4-Jun	4	35	23.4	18.4	420.1	74.2	33.2	756.1	694.0	596.7	562.0	618.5	660.4	748.3	657.5
5-Jun	5	36	23.8	18.8	438.9	74.8	33.8	789.9	720.8	627.0	587.7	647.0	684.6	775.4	685.0
6-Jun	6	37	23.0	18.0	456.8	73.4	32.4	822.3	747.8	654.8	612.6	673.2	709.5	803.9	713.4
7-Jun	7	38	22.1	17.1	474.0	71.8	30.8	853.1	774.5	683.3	635.0	694.5	734.5	833.1	742.2
8-Jun	8	39	22.3	17.3	491.2	72.1	31.1	884.2	799.7	711.0	659.3	714.1	760.9	863.0	770.5
9-Jun	9	40	23.1	18.1	509.3	73.6	32.6	916.8	824.9	738.2	685.5	733.5	790.1	892.6	799.3
10-Jun	10	41	24.5	19.5	528.8	76.1	35.1	951.9	850.6	767.4	712.0	756.2	821.4	922.7	827.8
11-Jun	11	42	24.8	19.8	548.7	76.7	35.7	987.6	876.0	797.6	738.3	777.8	853.3	951.6	857.0
12-Jun	12	43	24.7	19.7	568.4	76.5	35.5	1023.1	901.0	829.4	765.7	796.7	884.4	981.3	885.9
13-Jun	13	44	23.9	18.9	587.3	75.1	34.1	1057.2	925.9	861.1	793.3	816.5	914.9	1006.4	914.2
14-Jun	14	45	23.8	18.8	606.1	74.8	33.8	1090.9	950.1	891.9	817.5	838.7	944.6	1030.0	934.6
15-Jun	15	46	24.4	19.4	625.5	75.9	34.9	1125.9	975.2	923.2	843.2	859.7	971.1	1056.2	959.8
16-Jun	16	47	25.7	20.7	646.2	78.3	37.3	1163.2	1001.4	956.7	873.3	883.1	997.0	1085.1	988.4
17-Jun	17	48	26.2	21.2	667.4	79.1	38.1	1201.3	1027.1	984.8	900.8	906.2	1022.6	1114.6	1016.9
18-Jun	18	49	27.0	22.0	689.4	80.6	39.6	1240.9	1053.5	1011.8	926.7	929.6	1049.2	1143.3	1044.5
19-Jun	19	50	27.7	22.7	712.0	81.8	40.8	1281.7	1080.5	1043.3	955.9	953.9	1080.5	1166.4	1072.7

MONTH	DAY	GROWING DAYS	AVE SOIL TEMP - C	DAILY DD5C	TOTAL DD5C	AVE SOIL TEMP F	DAILY DD41F	2017 TOTAL DD41F	Avg.	HISTORICAL TOTAL DD41F						
									2004-2016	2016	2015	2014	2013	2012	2011	
20-Jun	20		51	28.3	23.3	735.3	82.9	41.9	1323.6	1107.6	1074.8	986.1	978.2	1105.6	1194.1	1097.3
21-Jun	21		52	28.4	23.4	758.7	83.1	42.1	1365.7	1133.0	1102.0	1013.0	998.7	1126.1	1222.1	1119.3
22-Jun	22		53	27.1	22.1	780.8	80.8	39.8	1405.4	1157.4	1129.1	1039.9	1019.7	1148.1	1246.8	1146.2
23-Jun	23		54	27.5	22.5	803.3	81.5	40.5	1445.9	1182.9	1154.7	1068.7	1042.2	1171.3	1275.2	1177.2
24-Jun	24		55	27.8	22.8	826.0	82.0	41.0	1486.9	1208.8	1178.6	1094.9	1066.7	1196.4	1306.8	1203.5
25-Jun	25		56	27.8	22.8	848.8	82.0	41.0	1527.9	1233.7	1201.9	1118.3	1089.0	1220.2	1339.2	1227.1
26-Jun	26		57	27.3	22.3	871.2	81.2	40.2	1568.1	1258.0	1226.7	1142.2	1111.5	1243.7	1370.7	1252.6
27-Jun	27		58	19.4	14.4	885.6	66.9	25.9	1594.0	1282.8	1253.3	1170.9	1133.1	1272.3	1397.3	1279.3
28-Jun	28		59	18.0	13.0	898.6	64.4	23.4	1617.4	1308.1	1277.8	1198.2	1158.2	1302.0	1422.2	1308.6
29-Jun	29		60	15.9	10.9	909.5	60.6	19.6	1637.1	1332.7	1299.6	1223.8	1186.1	1326.3	1446.2	1334.2
30-Jun	30		61	15.6	10.6	920.1	60.1	19.1	1656.1	1356.9	1321.6	1249.7	1212.2	1348.5	1470.0	1358.9
1-Jul	1		62	16.7	11.7	931.8	62.1	21.1	1677.2	1381.5	1343.3	1276.5	1235.0	1370.5	1495.7	1382.1
2-Jul	2		63	17.2	12.2	944.0	63.0	22.0	1699.2	1406.2	1364.4	1300.7	1259.9	1393.7	1523.6	1405.4
3-Jul	3		64	18.1	13.1	957.1	64.6	23.6	1722.7	1430.4	1385.3	1323.7	1283.1	1416.5	1547.2	1431.5
4-Jul	4		65	19.8	14.8	971.9	67.6	26.6	1749.4	1454.5	1406.0	1347.3	1305.2	1439.8	1570.7	1461.4
5-Jul	5		66	20.5	15.5	987.4	68.9	27.9	1777.3	1478.7	1430.1	1371.0	1330.2	1463.2	1594.8	1483.0
6-Jul	6		67	18.6	13.6	1001.0	65.5	24.5	1801.8	1502.3	1453.5	1394.0	1358.9	1485.1	1618.0	1501.1
7-Jul	7		68	16.1	11.1	1012.1	61.0	20.0	1821.7	1525.3	1478.0	1415.5	1387.1	1508.7	1640.7	1518.9
8-Jul	8		69	17.0	12.0	1024.1	62.6	21.6	1843.3	1548.3	1501.4	1434.7	1410.5	1533.2	1662.3	1548.6
9-Jul	9		70	17.3	12.3	1036.4	63.1	22.1	1865.5	1571.2	1524.8	1452.7	1434.5	1557.4	1684.7	1575.7
10-Jul	10		71	18.5	13.5	1049.9	65.3	24.3	1889.8	1594.7	1551.6	1470.8	1459.7	1579.5	1706.5	1603.8
11-Jul	11		72	18.3	13.3	1063.2	64.9	23.9	1913.7	1618.0	1576.1	1490.1	1484.5	1602.5	1728.0	1629.7
12-Jul	12		73	18.1	13.1	1076.3	64.6	23.6	1937.3	1641.3	1598.9	1510.1	1511.0	1625.8	1749.5	1653.3
13-Jul	13		74	18.0	13.0	1089.3	64.4	23.4	1960.7	1665.2	1623.1	1529.9	1540.8	1649.1	1772.3	1677.4
14-Jul	14		75	18.1	13.1	1102.4	64.6	23.6	1984.3	1688.8	1646.3	1549.0	1568.9	1672.5	1794.9	1702.5
15-Jul	15		76	18.5	13.5	1115.9	65.3	24.3	2008.6	1711.9	1671.3	1566.9	1593.4	1695.1	1816.3	1726.4
16-Jul	16		77	18.7	13.7	1129.6	65.7	24.7	2033.2	1734.6	1694.0	1584.4	1615.5	1716.4	1837.7	1749.5
17-Jul	17		78	18.9	13.9	1143.5	66.0	25.0	2058.3	1757.9	1718.8	1602.3	1639.7	1737.8	1858.6	1774.8
18-Jul	18		79	19.2	14.2	1157.7	66.6	25.6	2083.8	1781.2	1744.6	1620.1	1664.3	1759.6	1878.9	1801.8
19-Jul	19		80	19.1	14.1	1171.8	66.4	25.4	2109.2	1803.9	1768.3	1638.5	1686.5	1781.4	1900.0	1827.5
20-Jul	20		81	18.9	13.9	1185.7	66.0	25.0	2134.2	1827.0	1791.9	1657.0	1708.8	1804.0	1922.7	1851.9
21-Jul	21		82	18.7	13.7	1199.4	65.7	24.7	2158.9	1850.5	1817.6	1676.3	1732.2	1826.5	1946.6	1875.5
22-Jul	22		83	18.1	13.1	1212.5	64.6	23.6	2182.5	1874.1	1845.4	1695.0	1757.0	1847.6	1972.1	1899.5
23-Jul	23		84	17.5	12.5	1225.0	63.5	22.5	2205.0	1897.9	1871.5	1714.1	1783.7	1869.9	1998.4	1923.9
24-Jul	24		85	17.9	12.9	1237.9	64.2	23.2	2228.2	1921.2	1898.5	1733.3	1809.8	1891.7	2021.9	1949.5
25-Jul	25		86	18.2	13.2	1251.1	64.8	23.8	2251.9	1944.5	1925.6	1752.7	1836.2	1913.3	2044.5	1976.4
26-Jul	26		87	16.8	11.8	1262.9	62.2	21.2	2273.2	1967.1	1951.0	1771.6	1860.3	1935.1	2067.3	2001.5

MONTH	DAY	GROWING DAYS	AVE SOIL TEMP - C	DAILY DD5C	TOTAL DD5C	AVE SOIL TEMP F	DAILY DD41F	2017 TOTAL DD41F	HISTORICAL TOTAL DD41F							
									Avg. 2004-2016	2016	2015	2014	2013	2012	2011	
2-Sep	2		125	15.7	10.7	1731.8	60.3	19.3	3117.2						2896.9	
3-Sep	3		126	16.6	11.6	1743.4	61.9	20.9	3138.1						2923.1	
4-Sep	4		127	16.8	11.8	1755.2	62.2	21.2	3159.3						2944.3	
5-Sep	5		128	14.7	9.7	1764.9	58.5	17.5	3176.8						2965.5	
6-Sep	6		129	19.0	14.0	1778.9	66.2	25.2	3202.0							
7-Sep	7		130	16.5	11.5	1790.4	61.7	20.7	3222.7							
8-Sep	8		131	27.7	22.7	1813.1	81.9	40.9	3263.6							
9-Sep	9		132	27.7	22.7	1835.8	81.9	40.9	3304.5							
10-Sep	10		133	27.7	22.7	1858.6	81.9	40.9	3345.4							
11-Sep	11		134	27.7	22.7	1881.3	81.9	40.9	3386.4							
12-Sep	12		135	27.7	22.7	1904.0	81.9	40.9	3427.3							
13-Sep	13		136	27.7	22.7	1926.8	81.9	40.9	3468.2							
14-Sep	14		137	27.7	22.7	1949.5	81.9	40.9	3509.1							
15-Sep	15		138	27.7	22.7	1972.2	81.9	40.9	3550.0							
16-Sep	16		139	27.7	22.7	1995.0	81.9	40.9	3590.9							
17-Sep	17		140	27.7	22.7	2017.7	81.9	40.9	3631.9							
18-Sep	18		141	27.7	22.7	2040.4	81.9	40.9	3672.8							
19-Sep	19		142	27.7	22.7	2063.2	81.9	40.9	3713.7							
20-Sep	20		143	27.7	22.7	2085.9	81.9	40.9	3754.6							

2010	2009	2008	2007	2006	2005	2004
9.9	16.0	15.2	17.11	15	10	10
19.6	32.4	26.0	33.98	31	18	18
31.8	46.5	37.5	50.97	49	26	26
47.5	61.6	51.8	67.1	68	37	37
65.0	78.1	68.4	81.84	87	48	48
83.1	96.3	85.7	93.68	105	60	60
102.1	116.4	103.8	107.2	123	72	72
122.3	138.0	121.3	122.9	142	84	84
144.0	159.8	137.4	140.2	160	98	98
165.9	182.1	154.2	159.5	176	115	115
185.7	205.2	170.9	180.6	193	131	131
205.4	228.7	189.6	202.8	212	146	146
224.8	252.6	207.8	224.9	233	162	162

2010	2009	2008	2007	2006	2005	2004
244.6	276.9	223.7	246.6	254	179	179
263.6	301.2	240.6	268.3	276	197	197
285.1	326.1	257.1	289.3	300	224	224
309.2	352.1	276.4	309.5	323	244	244
332.8	379.4	297.5	331.4	348	263	263
353.9	405.5	320.8	355	373	286	286
378.0	431.5	345.4	376.8	398	310	310
405.1	455.7	370.5	396.2	425	335	335
433.0	479.1	392.0	413.7	449	361	361
461.6	501.5	409.8	429.3	471	387	387
488.8	523.6	426.2	442.6	495	415	415
514.4	544.2	445.3	458	522	442	442
541.5	563.6	466.9	475.8	550	469	469
571.5	584.0	489.8	496.3	577	496	496
604.8	607.7	513.4	518.2	619	522	522
638.5	633.0	536.6	540	646	548	548
671.0	657.6	560.5	562.2	674	571	571
703.6	681.6	586.0	584.3	702	595	595
736.0	703.7	612.9	607.1	732	619	619
768.3	724.8	639.3	630.7	762	644	644
802.3	743.6	666.0	654	793	669	669
838.4	764.5	692.5	675.5	825	691	691
877.0	787.1	717.3	697.6	858	714	714
916.9	811.2	739.2	721	892	737	737
956.1	835.3	763.8	742.4	925	762	762
984.7	859.6	790.2	763.8	950	784	785
1011.1	885.7	815.5	786.9	973	803	809
1040.3	903.9	840.1	811.5	998	823	833
1066.9	920.7	860.6	837.4	1027	844	856
1086.9	938.8	879.0	862.2	1059	864	880
1109.2	957.4	900.3	883.1	1088	888	903
1130.5	978.3	925.6	904.7	1114	914	927
1150.5	999.7	953.3	929.5	1140	940	951
1172.4	1021.9	977.5	956.3	1164	968	975
1198.6	1046.6	999.4	983.9	1187	993	998
1223.3	1069.7	1025.7	1013	1215	1021	1022
1246.8	1092.4	1053.5	1037	1247	1052	1045

2010	2009	2008	2007	2006	2005	2004
1274.1	1115.0	1079.2	1066	1276	1084	1069
1300.7	1137.1	1104.7	1096	1303	1114	1093
1321.6	1160.0	1128.4	1120	1331	1139	1116
1345.6	1182.0	1149.7	1148	1357	1165	1140
1370.9	1209.0	1170.1	1179	1384	1191	1164
1393.3	1235.2	1190.4	1210	1412	1214	1187
1416.4	1257.8	1210.1	1240	1436	1236	1211
1440.8	1279.3	1231.8	1265	1455	1262	1235
1466.0	1301.6	1255.2	1292	1477	1287	1258
1489.3	1327.1	1279.6	1320	1501	1309	1282
1512.6	1356.1	1300.7	1345	1525	1335	1306
1535.8	1384.1	1321.7	1373	1552	1361	1329
1560.3	1406.8	1345.2	1404	1579	1385	1353
1583.9	1429.7	1367.6	1435	1604	1411	1377
1607.6	1452.5	1390.1	1462	1628	1438	1400
1633.2	1476.0	1415.2	1487	1652	1464	1424
1659.3	1497.1	1440.3	1513	1676	1487	1448
1681.0	1518.3	1463.0	1537	1698	1512	1471
1700.5	1540.4	1484.7	1561	1719	1536	1495
1721.0	1563.3	1505.3	1586	1739	1562	1519
1742.9	1587.2	1528.1	1609	1760	1590	1542
1763.7	1612.2	1551.3	1632	1780	1619	1566
1785.1	1639.4	1573.9	1654	1801	1646	1590
1806.1	1665.7	1598.3	1676	1823	1672	1613
1828.2	1689.7	1623.9	1699	1846	1698	1637
1851.0	1712.5	1647.5	1722	1869	1722	1660
1874.5	1734.4	1671.3	1746	1895	1747	1684
1898.1	1757.3	1694.5	1770	1921	1773	1708
1920.2	1780.7	1716.5	1793	1945	1799	1731
1942.3	1803.6	1738.3	1815	1969	1824	1755
1964.8	1827.3	1762.2	1838	1994	1850	1779
1987.8	1849.1	1788.0	1861	2018	1875	1802
2010.1	1869.9	1812.6	1885	2042	1900	1826
2032.2	1892.2	1836.0	1910	2064	1926	1850
2053.5	1914.9	1857.1	1936	2087	1950	1873
2075.5	1937.9	1877.6	1960	2109	1972	1897
2097.1	1959.5	1898.5	1984	2132	1994	1921

2010	2009	2008	2007	2006	2005	2004
2119.2	1980.8	1919.9	2006	2153	2016	1944
2140.5	2001.9	1941.5	2029	2174	2037	1968
2162.4	2021.1	1963.0	2051	2195	2058	1992
2184.0	2039.6	1984.2	2074	2217	2080	2015
2206.4	2056.9	2006.3	2097	2240	2102	2039
2229.2	2073.9	2029.4	2120	2262	2124	2063
2252.3	2092.1	2051.0	2144	2284	2146	2086
2275.5	2110.6	2073.4	2168	2304	2169	2110
2298.3	2129.9	2095.8	2191	2325	2191	2134
2321.2	2149.5	2118.1	2215	2346	2212	2157
2344.2	2169.7	2140.5	2240	2368	2232	2181
2365.8	2189.4	2163.9	2263	2388	2253	2205
2386.4	2207.4	2186.6	2285	2409	2275	2228
2405.6	2225.0	2209.7	2308	2431	2295	2252
2425.2	2243.9	2231.8	2332	2454	2316	2275
2445.2	2263.0	2253.7	2354	2477	2338	2299
2465.2	2283.2	2276.1	2377	2499	2358	2323
2484.8	2302.8	2296.9	2400	2521	2378	2346
2503.9	2321.8	2316.6	2423	2544	2398	2370
2522.6	2340.2	2335.7	2446	2566	2417	2394
2541.5	2358.4	2352.8	2470	2588	2437	2417
2560.2	2377.2	2369.3	2495	2611	2456	2441
2578.2	2394.1	2387.0	2518	2634	2475	2465
2597.5	2412.5	2408.1	2541	2656	2494	2488
2617.7	2434.3	2431.5	2566	2678	2513	2512
2636.6	2456.4	2454.3	2592	2701	2533	2536
2656.0	2480.4	2476.2	2617	2725	2554	2559
2676.9	2504.8	2499.9	2642	2748	2573	2583
2696.5	2525.0	2524.6	2667	2773	2591	2607
2716.3	2543.9	2547.3	2690	2796	2611	2630
2735.7	2564.5	2567.4	2714	2818	2631	2654
2755.9	2586.2	2590.2	2739	2839	2648	2678
2775.2	2608.2	2610.5	2763	2861	2667	2701
2794.6	2631.2		2787	2882	2688	2725
2814.0	2653.8		2811	2905	2710	2749
2833.3	2675.0		2837	2930	2730	2772
2851.5	2694.4		2862	2955	2750	2796

2010	2009	2008	2007	2006	2005	2004
	2714.2		2887	2979	2769	2819
	2736.8		2914	3004	2787	2843
	2758.3		2905	3029	2805	2867
	2779.4		2896	3053	2824	2890

