

📅	Date	#	Max Temperature	#	Min Temperature	#	Average Temperature	#	heating degree day	#	Sol air temperature(Ts)	#	Delta T(Ts-16)	#	Qc	#	Qv	#	Qs	#	Qi	#	Qm(W)	#	Qm(KW)	#	Qm(KW) after roundingup
	01-01-2024		11		7		9		7		36.5		20.5		1779.49125		455		928.125		1650		-343.63375		-0.34363375		-0.4
	01-02-2024		11		8		9.5		6.5		37		21		1816.1325		422.5		928.125		1650		-339.4925		-0.3394925		-0.4
	01-03-2024		16		8		12		4		39.5		23.5		1999.33875		260		928.125		1650		-318.78625		-0.31878625		-0.4
	01-04-2024		11		6		8.5		7.5		36		20		1742.85		487.5		928.125		1650		-347.775		-0.347775		-0.4
	01-05-2024		11		7		9		7		36.5		20.5		1779.49125		455		928.125		1650		-343.63375		-0.34363375		-0.4
	01-06-2024		13		6		9.5		6.5		37		21		1816.1325		422.5		928.125		1650		-339.4925		-0.3394925		-0.4
	01-07-2024		11		7		9		7		36.5		20.5		1779.49125		455		928.125		1650		-343.63375		-0.34363375		-0.4
	01-08-2024		10		6		8		8		35.5		19.5		1706.20875		520		928.125		1650		-351.91625		-0.35191625		-0.4
	01-09-2024		11		7		9		7		36.5		20.5		1779.49125		455		928.125		1650		-343.63375		-0.34363375		-0.4
	01-10-2024		13		6		9.5		6.5		37		21		1816.1325		422.5		928.125		1650		-339.4925		-0.3394925		-0.4
	01-11-2024		13		6		9.5		6.5		37		21		1816.1325		422.5		928.125		1650		-339.4925		-0.3394925		-0.4
	01-12-2024		12		4		8		8		35.5		19.5		1706.20875		520		928.125		1650		-351.91625		-0.35191625		-0.4
	01-13-2024		13		5		9		7		36.5		20.5		1779.49125		455		928.125		1650		-343.63375		-0.34363375		-0.4
	01-14-2024		15		3		9		7		36.5		20.5		1779.49125		455		928.125		1650		-343.63375		-0.34363375		-0.4
	01-15-2024		14		3		8.5		7.5		36		20		1742.85		487.5		928.125		1650		-347.775		-0.347775		-0.4
	01-16-2024		12		3		7.5		8.5		35		19		1669.5675		552.5		928.125		1650		-356.0575		-0.3560575		-0.4
	01-17-2024		16		5		10.5		5.5		38		22		1889.415		357.5		928.125		1650		-331.21		-0.33121		-0.4
	01-18-2024		17		3		10		6		37.5		21.5		1852.77375		390		928.125		1650		-335.35125		-0.33535125		-0.4
	01-19-2024		11		8		9.5		6.5		37		21		1816.1325		422.5		928.125		1650		-339.4925		-0.3394925		-0.4
	01-20-2024		15		4		9.5		6.5		37		21		1816.1325		422.5		928.125		1650		-339.4925		-0.3394925		-0.4
	01-21-2024		11		5		8		8		35.5		19.5		1706.20875		520		928.125		1650		-351.91625		-0.35191625		-0.4
	01-22-2024		11		6		8.5		7.5		36		20		1742.85		487.5		928.125		1650		-347.775		-0.347775		-0.4
	01-23-2024		14		4		9		7		36.5		20.5		1779.49125		455		928.125		1650		-343.63375		-0.34363375		-0.4
	01-24-2024		11		4		7.5		8.5		35		19		1669.5675		552.5		928.125		1650		-356.0575		-0.3560575		-0.4
	01-25-2024		15		5		10		6		37.5		21.5		1852.77375		390		928.125		1650		-335.35125		-0.33535125		-0.4
	01-26-2024		19		5		12		4		39.5		23.5		1999.33875		260		928.125		1650		-318.78625		-0.31878625		-0.4
	01-27-2024		22		7		14.5		1.5		42		26		2182.545		97.5		928.125		1650		-298.08		-0.29808		-0.3
	01-28-2024		13		7		10		6		37.5		21.5		1852.77375		390		928.125		1650		-335.35125		-0.33535125		-0.4
	01-29-2024		19		8		13.5		2.5		41		25		2109.2625		162.5		928.125		1650		-306.3625		-0.3063625		-0.4
	01-30-2024		20		9		14.5		1.5		42		26		2182.545		97.5		928.125		1650		-298.08		-0.29808		-0.3
	01-31-2024		19		10		14.5		1.5		42		26		2182.545		97.5		928.125		1650		-298.08		-0.29808		-0.3
	02-01-2024		17		12		14.5		1.5		42		26		2182.545		97.5		928.125		1650		-298.08		-0.29808		-0.3
	02-02-2024		20		8		14		2		41.5		25.5		2145.90375		130		928.125		1650		-302.22125		-0.30222125		-0.4
	02-03-2024		20		8		14		2		41.5		25.5		2145.90375		130		928.125		1650		-302.22125		-0.30222125		-0.4
	02-04-2024		16		12		14		2		41.5		25.5		2145.90375		130		928.125		1650		-302.22125		-0.30222125		-0.4
	02-05-2024		16		10		13		3		40.5		24.5		2072.62125		195		928.125		1650		-310.50375		-0.31050375		-0.4
	02-06-2024		20		6		13		3		40.5		24.5		2072.62125		195		928.125		1650		-310.50375		-0.31050375		-0.4
	02-07-2024		20		5		12.5		3.5		40		24		2035.98		227.5		928.125		1650		-314.645		-0.314645		-0.4
	02-08-2024		22		6		14		2		41.5		25.5		2145.90375		130		928.125		1650		-302.22125		-0.30222125		-0.4
	02-09-2024		24		7		15.5		0.5		43		27		2255.8275		32.5		928.125		1650		-289.7975		-0.2897975		-0.3

📅	Date	#	Max Temperature	#	Min Temperature	#	Average Temperature	#	heating degree day	#	Sol air temperature(Ts)	#	Delta T(Ts-16)	#	Qc	#	Qv	#	Qs	#	Qi	#	Qm(W)	#	Qm(KW)	#	Qm(KW) after roundingup
	02-10-2024		22		6		14		2		41.5		25.5		2145.90375		130		928.125		1650		-302.22125		-0.30222125		-0.4
	02-11-2024		24		7		15.5		0.5		43		27		2255.8275		32.5		928.125		1650		-289.7975		-0.2897975		-0.3
	02-12-2024		24		7		15.5		0.5		43		27		2255.8275		32.5		928.125		1650		-289.7975		-0.2897975		-0.3
	02-13-2024		23		9		16		0		43.5		27.5		2292.46875		0		928.125		1650		-285.65625		0		0
	02-14-2024		25		9		17		0		44.5		28.5		2375.83125		0		928.125		1650		-202.29375		0		0
	02-15-2024		26		8		17		0		44.5		28.5		2375.83125		0		928.125		1650		-202.29375		0		0
	02-16-2024		26		8		17		0		44.5		28.5		2375.83125		0		928.125		1650		-202.29375		0		0
	02-17-2024		26		9		17.5		0		45		29		2417.5125		0		928.125		1650		-160.6125		0		0
	02-18-2024		25		9		17		0		44.5		28.5		2375.83125		0		928.125		1650		-202.29375		0		0
	02-19-2024		25		9		17		0		44.5		28.5		2375.83125		0		928.125		1650		-202.29375		0		0
	02-20-2024		25		14		19.5		0		47		31		2584.2375		0		928.125		1650		6.1125		0		0
	02-21-2024		23		13		18		0		45.5		29.5		2459.19375		0		928.125		1650		-118.93125		0		0
	02-22-2024		26		8		17		0		44.5		28.5		2375.83125		0		928.125		1650		-202.29375		0		0
	02-23-2024		24		8		16		0		43.5		27.5		2292.46875		0		928.125		1650		-285.65625		0		0
	02-24-2024		24		8		16		0		43.5		27.5		2292.46875		0		928.125		1650		-285.65625		0		0
	02-25-2024		24		9		16.5		0		44		28		2334.15		0		928.125		1650		-243.975		0		0
	02-26-2024		25		9		17		0		44.5		28.5		2375.83125		0		928.125		1650		-202.29375		0		0
	02-27-2024		21		13		17		0		44.5		28.5		2375.83125		0		928.125		1650		-202.29375		0		0
	02-28-2024		26		9		17.5		0		45		29		2417.5125		0		928.125		1650		-160.6125		0		0
	02-29-2024		27		12		19.5		0		47		31		2584.2375		0		928.125		1650		6.1125		0		0
	03-01-2024		23		13		18		0		45.5		29.5		2459.19375		0		928.125		1650		-118.93125		0		0
	03-02-2024		24		15		19.5		0		47		31		2584.2375		0		928.125		1650		6.1125		0		0
	03-03-2024		23		11		17		0		44.5		28.5		2375.83125		0		928.125		1650		-202.29375		0		0
	03-04-2024		22		6		14		2		41.5		25.5		2145.90375		130		928.125		1650		-302.22125		-0.30222125		-0.4
	03-05-2024		22		7		14.5		1.5		42		26		2182.545		97.5		928.125		1650		-298.08		-0.29808		-0.3
	03-06-2024		24		7		15.5		0.5		43		27		2255.8275		32.5		928.125		1650		-289.7975		-0.2897975		-0.3
	03-07-2024		26		8		17		0		44.5		28.5		2375.83125		0		928.125		1650		-202.29375		0		0
	03-08-2024		26		10		18		0		45.5		29.5		2459.19375		0		928.125		1650		-118.93125		0		0
	03-09-2024		27		12		19.5		0		47		31		2584.2375		0		928.125		1650		6.1125		0		0
	03-10-2024		28		11		19.5		0		47		31		2584.2375		0		928.125		1650		6.1125		0		0
	03-11-2024		28		13		20.5		0		48		32		2667.6		0		928.125		1650		89.475		0		0
	03-12-2024		29		13		21		0		48.5		32.5		2709.28125		0		928.125		1650		131.15625		0		0
	03-13-2024		27		13		20		0		47.5		31.5		2625.91875		0		928.125		1650		47.79375		0		0
	03-14-2024		30		12		21		0		48.5		32.5		2709.28125		0		928.125		1650		131.15625		0		0
	03-15-2024		29		11		20		0		47.5		31.5		2625.91875		0		928.125		1650		47.79375		0		0
	03-16-2024		30		12		21		0		48.5		32.5		2709.28125		0		928.125		1650		131.15625		0		0
	03-17-2024		30		13		21.5		0		49		33		2750.9625		0		928.125		1650		172.8375		0		0
	03-18-2024		31		12		21.5		0		49		33		2750.9625		0		928.125		1650		172.8375		0		0
	03-19-2024		31		13		22		0		49.5		33.5		2792.64375		0		928.125		1650		214.51875		0		0
	03-20-2024		32		14		23		0		50.5		34.5		2876.00625		0		928.125		1650		297.88125		0		0

📅	Date	#	Max Temperatur	#	Min Temperature	#	Average Temperature	#	heating degree day	#	Sol air temperature(Ts)	#	Delta T(Ts-16)	#	Qc	#	Qv	#	Qs	#	Qi	#	Qm(W)	#	Qm(KW)	#	Qm(KW) after roundingup
	03-21-2024		27		17		22		0		49.5		33.5		2792.64375		0		928.125		1650		214.51875		0		0
	03-22-2024		31		17		24		0		51.5		35.5		2959.36875		0		928.125		1650		381.24375		0		0
	03-23-2024		32		18		25		0		52.5		36.5		3042.73125		0		928.125		1650		464.60625		0		0
	03-24-2024		29		16		22.5		0		50		34		2834.325		0		928.125		1650		256.2		0		0
	03-25-2024		31		16		23.5		0		51		35		2917.6875		0		928.125		1650		339.5625		0		0
	03-26-2024		32		18		25		0		52.5		36.5		3042.73125		0		928.125		1650		464.60625		0		0
	03-27-2024		34		20		27		0		54.5		38.5		3209.45625		0		928.125		1650		631.33125		0		0
	03-28-2024		35		19		27		0		54.5		38.5		3209.45625		0		928.125		1650		631.33125		0		0
	03-29-2024		35		17		26		0		53.5		37.5		3126.09375		0		928.125		1650		547.96875		0		0
	03-30-2024		34		18		26		0		53.5		37.5		3126.09375		0		928.125		1650		547.96875		0		0
	03-31-2024		34		17		25.5		0		53		37		3084.4125		0		928.125		1650		506.2875		0		0
	04-01-2024		31		16		23.5		0		51		35		2917.6875		0		928.125		1650		339.5625		0		0
	04-02-2024		31		15		23		0		50.5		34.5		2876.00625		0		928.125		1650		297.88125		0		0
	04-03-2024		35		16		25.5		0		53		37		3084.4125		0		928.125		1650		506.2875		0		0
	04-04-2024		36		18		27		0		54.5		38.5		3209.45625		0		928.125		1650		631.33125		0		0
	04-05-2024		36		18		27		0		54.5		38.5		3209.45625		0		928.125		1650		631.33125		0		0
	04-06-2024		35		17		26		0		53.5		37.5		3126.09375		0		928.125		1650		547.96875		0		0
	04-07-2024		35		15		25		0		52.5		36.5		3042.73125		0		928.125		1650		464.60625		0		0
	04-08-2024		37		17		27		0		54.5		38.5		3209.45625		0		928.125		1650		631.33125		0		0
	04-09-2024		37		16		26.5		0		54		38		3167.775		0		928.125		1650		589.65		0		0
	04-10-2024		38		17		27.5		0		55		39		3251.1375		0		928.125		1650		673.0125		0		0
	04-11-2024		37		18		27.5		0		55		39		3251.1375		0		928.125		1650		673.0125		0		0
	04-12-2024		38		18		28		0		55.5		39.5		3292.81875		0		928.125		1650		714.69375		0		0
	04-13-2024		34		21		27.5		0		55		39		3251.1375		0		928.125		1650		673.0125		0		0
	04-14-2024		30		19		24.5		0		52		36		3001.05		0		928.125		1650		422.925		0		0
	04-15-2024		34		20		27		0		54.5		38.5		3209.45625		0		928.125		1650		631.33125		0		0
	04-16-2024		35		20		27.5		0		55		39		3251.1375		0		928.125		1650		673.0125		0		0
	04-17-2024		39		20		29.5		0		57		41		3417.8625		0		928.125		1650		839.7375		0		0
	04-18-2024		37		21		29		0		56.5		40.5		3376.18125		0		928.125		1650		798.05625		0		0
	04-19-2024		39		20		29.5		0		57		41		3417.8625		0		928.125		1650		839.7375		0		0
	04-20-2024		35		21		28		0		55.5		39.5		3292.81875		0		928.125		1650		714.69375		0		0
	04-21-2024		37		20		28.5		0		56		40		3334.5		0		928.125		1650		756.375		0		0
	04-22-2024		37		22		29.5		0		57		41		3417.8625		0		928.125		1650		839.7375		0		0
	04-23-2024		33		20		26.5		0		54		38		3167.775		0		928.125		1650		589.65		0		0
	04-24-2024		36		17		26.5		0		54		38		3167.775		0		928.125		1650		589.65		0		0
	04-25-2024		39		20		29.5		0		57		41		3417.8625		0		928.125		1650		839.7375		0		0
	04-26-2024		41		20		30.5		0		58		42		3501.225		0		928.125		1650		923.1		0		0
	04-27-2024		37		24		30.5		0		58		42		3501.225		0		928.125		1650		923.1		0		0
	04-28-2024		38		20		29		0		56.5		40.5		3376.18125		0		928.125		1650		798.05625		0		0
	04-29-2024		30		21		25.5		0		53		37		3084.4125		0		928.125		1650		506.2875		0		0

📅	Date	#	Max Temperatur	#	Min Temperature	#	Average Temperature	#	heating degree day	#	Sol air temperature(Ts)	#	Delta T(Ts-16)	#	Qc	#	Qv	#	Qs	#	Qi	#	Qm(W)	#	Qm(KW)	#	Qm(KW) after roundingup
	04-30-2024		36		17		26.5		0		54		38		3167.775		0		928.125		1650		589.65		0		0
	05-01-2024		32		17		24.5		0		52		36		3001.05		0		928.125		1650		422.925		0		0
	05-02-2024		36		17		26.5		0		54		38		3167.775		0		928.125		1650		589.65		0		0
	05-03-2024		38		19		28.5		0		56		40		3334.5		0		928.125		1650		756.375		0		0
	05-04-2024		41		23		32		0		59.5		43.5		3626.26875		0		928.125		1650		1048.14375		0		0
	05-05-2024		40		23		31.5		0		59		43		3584.5875		0		928.125		1650		1006.4625		0		0
	05-06-2024		41		25		33		0		60.5		44.5		3709.63125		0		928.125		1650		1131.50625		0		0
	05-07-2024		41		24		32.5		0		60		44		3667.95		0		928.125		1650		1089.825		0		0
	05-08-2024		38		25		31.5		0		59		43		3584.5875		0		928.125		1650		1006.4625		0		0
	05-09-2024		37		26		31.5		0		59		43		3584.5875		0		928.125		1650		1006.4625		0		0
	05-10-2024		38		26		32		0		59.5		43.5		3626.26875		0		928.125		1650		1048.14375		0		0
	05-11-2024		39		24		31.5		0		59		43		3584.5875		0		928.125		1650		1006.4625		0		0
	05-12-2024		39		24		31.5		0		59		43		3584.5875		0		928.125		1650		1006.4625		0		0
	05-13-2024		40		21		30.5		0		58		42		3501.225		0		928.125		1650		923.1		0		0
	05-14-2024		41		22		31.5		0		59		43		3584.5875		0		928.125		1650		1006.4625		0		0
	05-15-2024		42		23		32.5		0		60		44		3667.95		0		928.125		1650		1089.825		0		0
	05-16-2024		42		26		34		0		61.5		45.5		3792.99375		0		928.125		1650		1214.86875		0		0
	05-17-2024		44		27		35.5		0		63		47		3918.0375		0		928.125		1650		1339.9125		0		0
	05-18-2024		45		27		36		0		63.5		47.5		3959.71875		0		928.125		1650		1381.59375		0		0
	05-19-2024		45		27		36		0		63.5		47.5		3959.71875		0		928.125		1650		1381.59375		0		0
	05-20-2024		44		28		36		0		63.5		47.5		3959.71875		0		928.125		1650		1381.59375		0		0
	05-21-2024		44		27		35.5		0		63		47		3918.0375		0		928.125		1650		1339.9125		0		0
	05-22-2024		41		27		34		0		61.5		45.5		3792.99375		0		928.125		1650		1214.86875		0		0
	05-23-2024		40		29		34.5		0		62		46		3834.675		0		928.125		1650		1256.55		0		0
	05-24-2024		42		29		35.5		0		63		47		3918.0375		0		928.125		1650		1339.9125		0		0
	05-25-2024		44		28		36		0		63.5		47.5		3959.71875		0		928.125		1650		1381.59375		0		0
	05-26-2024		46		26		36		0		63.5		47.5		3959.71875		0		928.125		1650		1381.59375		0		0
	05-27-2024		45		28		36.5		0		64		48		4001.4		0		928.125		1650		1423.275		0		0
	05-28-2024		47		26		36.5		0		64		48		4001.4		0		928.125		1650		1423.275		0		0
	05-29-2024		46		26		36		0		63.5		47.5		3959.71875		0		928.125		1650		1381.59375		0		0
	05-30-2024		46		21		33.5		0		61		45		3751.3125		0		928.125		1650		1173.1875		0		0
	05-31-2024		46		28		37		0		64.5		48.5		4043.08125		0		928.125		1650		1464.95625		0		0
	06-01-2024		45		29		37		0		64.5		48.5		4043.08125		0		928.125		1650		1464.95625		0		0
	06-02-2024		43		26		34.5		0		62		46		3834.675		0		928.125		1650		1256.55		0		0
	06-03-2024		45		30		37.5		0		65		49		4084.7625		0		928.125		1650		1506.6375		0		0
	06-04-2024		44		28		36		0		63.5		47.5		3959.71875		0		928.125		1650		1381.59375		0		0
	06-05-2024		43		24		33.5		0		61		45		3751.3125		0		928.125		1650		1173.1875		0		0
	06-06-2024		40		23		31.5		0		59		43		3584.5875		0		928.125		1650		1006.4625		0		0
	06-07-2024		41		26		33.5		0		61		45		3751.3125		0		928.125		1650		1173.1875		0		0
	06-08-2024		41		27		34		0		61.5		45.5		3792.99375		0		928.125		1650		1214.86875		0		0


📅	Date	#	Max Temperatur	#	Min Temperature	#	Average Temperature	#	heating degree day	#	Sol air temperature(Ts)	#	Delta T(Ts-16)	#	Qc	#	Qv	#	Qs	#	Qi	#	Qm(W)	#	Qm(KW)	#	Qm(KW) after roundingup
	06-09-2024		43		26		34.5		0		62		46		3834.675		0		928.125		1650		1256.55		0		0
	06-10-2024		44		26		35		0		62.5		46.5		3876.35625		0		928.125		1650		1298.23125		0		0
	06-11-2024		45		26		35.5		0		63		47		3918.0375		0		928.125		1650		1339.9125		0		0
	06-12-2024		45		27		36		0		63.5		47.5		3959.71875		0		928.125		1650		1381.59375		0		0
	06-13-2024		46		28		37		0		64.5		48.5		4043.08125		0		928.125		1650		1464.95625		0		0
	06-14-2024		45		29		37		0		64.5		48.5		4043.08125		0		928.125		1650		1464.95625		0		0
	06-15-2024		45		32		38.5		0		66		50		4168.125		0		928.125		1650		1590		0		0
	06-16-2024		46		31		38.5		0		66		50		4168.125		0		928.125		1650		1590		0		0
	06-17-2024		45		31		38		0		65.5		49.5		4126.44375		0		928.125		1650		1548.31875		0		0
	06-18-2024		45		30		37.5		0		65		49		4084.7625		0		928.125		1650		1506.6375		0		0
	06-19-2024		43		28		35.5		0		63		47		3918.0375		0		928.125		1650		1339.9125		0		0
	06-20-2024		37		24		30.5		0		58		42		3501.225		0		928.125		1650		923.1		0		0
	06-21-2024		38		27		32.5		0		60		44		3667.95		0		928.125		1650		1089.825		0		0
	06-22-2024		40		27		33.5		0		61		45		3751.3125		0		928.125		1650		1173.1875		0		0
	06-23-2024		40		29		34.5		0		62		46		3834.675		0		928.125		1650		1256.55		0		0
	06-24-2024		40		29		34.5		0		62		46		3834.675		0		928.125		1650		1256.55		0		0
	06-25-2024		40		28		34		0		61.5		45.5		3792.99375		0		928.125		1650		1214.86875		0		0
	06-26-2024		35		25		30		0		57.5		41.5		3459.54375		0		928.125		1650		881.41875		0		0
	06-27-2024		34		28		31		0		58.5		42.5		3542.90625		0		928.125		1650		964.78125		0		0
	06-28-2024		36		28		32		0		59.5		43.5		3626.26875		0		928.125		1650		1048.14375		0		0
	06-29-2024		38		29		33.5		0		61		45		3751.3125		0		928.125		1650		1173.1875		0		0
	06-30-2024		37		28		32.5		0		60		44		3667.95		0		928.125		1650		1089.825		0		0
	07-01-2024		35		29		32		0		59.5		43.5		3626.26875		0		928.125		1650		1048.14375		0		0
	07-02-2024		37		30		33.5		0		61		45		3751.3125		0		928.125		1650		1173.1875		0		0
	07-03-2024		34		27		30.5		0		58		42		3501.225		0		928.125		1650		923.1		0		0
	07-04-2024		34		26		30		0		57.5		41.5		3459.54375		0		928.125		1650		881.41875		0		0
	07-05-2024		35		28		31.5		0		59		43		3584.5875		0		928.125		1650		1006.4625		0		0
	07-06-2024		32		25		28.5		0		56		40		3334.5		0		928.125		1650		756.375		0		0
	07-07-2024		35		26		30.5		0		58		42		3501.225		0		928.125		1650		923.1		0		0
	07-08-2024		34		27		30.5		0		58		42		3501.225		0		928.125		1650		923.1		0		0
	07-09-2024		36		27		31.5		0		59		43		3584.5875		0		928.125		1650		1006.4625		0		0
	07-10-2024		38		29		33.5		0		61		45		3751.3125		0		928.125		1650		1173.1875		0		0
	07-11-2024		39		29		34		0		61.5		45.5		3792.99375		0		928.125		1650		1214.86875		0		0
	07-12-2024		34		28		31		0		58.5		42.5		3542.90625		0		928.125		1650		964.78125		0		0
	07-13-2024		37		27		32		0		59.5		43.5		3626.26875		0		928.125		1650		1048.14375		0		0
	07-14-2024		38		28		33		0		60.5		44.5		3709.63125		0		928.125		1650		1131.50625		0		0
	07-15-2024		37		30		33.5		0		61		45		3751.3125		0		928.125		1650		1173.1875		0		0
	07-16-2024		38		30		34		0		61.5		45.5		3792.99375		0		928.125		1650		1214.86875		0		0
	07-17-2024		32		25		28.5		0		56		40		3334.5		0		928.125		1650		756.375		0		0
	07-18-2024		37		28		32.5		0		60		44		3667.95		0		928.125		1650		1089.825		0		0

📅	Date	#	Max Temperature	#	Min Temperature	#	Average Temperature	#	heating degree day	#	Sol air temperature(Ts)	#	Delta T(Ts-16)	#	Qc	#	Qv	#	Qs	#	Qi	#	Qm(W)	#	Qm(KW)	#	Qm(KW) after roundingup
	07-19-2024		37		28		32.5		0		60		44		3667.95		0		928.125		1650		1089.825		0		0
	07-20-2024		36		29		32.5		0		60		44		3667.95		0		928.125		1650		1089.825		0		0
	07-21-2024		37		30		33.5		0		61		45		3751.3125		0		928.125		1650		1173.1875		0		0
	07-22-2024		33		29		31		0		58.5		42.5		3542.90625		0		928.125		1650		964.78125		0		0
	07-23-2024		34		28		31		0		58.5		42.5		3542.90625		0		928.125		1650		964.78125		0		0
	07-24-2024		35		29		32		0		59.5		43.5		3626.26875		0		928.125		1650		1048.14375		0		0
	07-25-2024		36		29		32.5		0		60		44		3667.95		0		928.125		1650		1089.825		0		0
	07-26-2024		36		29		32.5		0		60		44		3667.95		0		928.125		1650		1089.825		0		0
	07-27-2024		35		28		31.5		0		59		43		3584.5875		0		928.125		1650		1006.4625		0		0
	07-28-2024		38		28		33		0		60.5		44.5		3709.63125		0		928.125		1650		1131.50625		0		0
	07-29-2024		38		29		33.5		0		61		45		3751.3125		0		928.125		1650		1173.1875		0		0
	07-30-2024		36		30		33		0		60.5		44.5		3709.63125		0		928.125		1650		1131.50625		0		0
	07-31-2024		39		30		34.5		0		62		46		3834.675		0		928.125		1650		1256.55		0		0
	08-01-2024		32		25		28.5		0		56		40		3334.5		0		928.125		1650		756.375		0		0
	08-02-2024		34		28		31		0		58.5		42.5		3542.90625		0		928.125		1650		964.78125		0		0
	08-03-2024		34		28		31		0		58.5		42.5		3542.90625		0		928.125		1650		964.78125		0		0
	08-04-2024		35		28		31.5		0		59		43		3584.5875		0		928.125		1650		1006.4625		0		0
	08-05-2024		35		28		31.5		0		59		43		3584.5875		0		928.125		1650		1006.4625		0		0
	08-06-2024		35		28		31.5		0		59		43		3584.5875		0		928.125		1650		1006.4625		0		0
	08-07-2024		32		27		29.5		0		57		41		3417.8625		0		928.125		1650		839.7375		0		0
	08-08-2024		34		27		30.5		0		58		42		3501.225		0		928.125		1650		923.1		0		0
	08-09-2024		35		27		31		0		58.5		42.5		3542.90625		0		928.125		1650		964.78125		0		0
	08-10-2024		33		26		29.5		0		57		41		3417.8625		0		928.125		1650		839.7375		0		0
	08-11-2024		30		24		27		0		54.5		38.5		3209.45625		0		928.125		1650		631.33125		0		0
	08-12-2024		33		24		28.5		0		56		40		3334.5		0		928.125		1650		756.375		0		0
	08-13-2024		34		27		30.5		0		58		42		3501.225		0		928.125		1650		923.1		0		0
	08-14-2024		34		27		30.5		0		58		42		3501.225		0		928.125		1650		923.1		0		0
	08-15-2024		32		25		28.5		0		56		40		3334.5		0		928.125		1650		756.375		0		0
	08-16-2024		35		28		31.5		0		59		43		3584.5875		0		928.125		1650		1006.4625		0		0
	08-17-2024		35		27		31		0		58.5		42.5		3542.90625		0		928.125		1650		964.78125		0		0
	08-18-2024		35		27		31		0		58.5		42.5		3542.90625		0		928.125		1650		964.78125		0		0
	08-19-2024		35		27		31		0		58.5		42.5		3542.90625		0		928.125		1650		964.78125		0		0
	08-20-2024		31		27		29		0		56.5		40.5		3376.18125		0		928.125		1650		798.05625		0		0
	08-21-2024		36		26		31		0		58.5		42.5		3542.90625		0		928.125		1650		964.78125		0		0
	08-22-2024		36		27		31.5		0		59		43		3584.5875		0		928.125		1650		1006.4625		0		0
	08-23-2024		34		24		29		0		56.5		40.5		3376.18125		0		928.125		1650		798.05625		0		0
	08-24-2024		35		28		31.5		0		59		43		3584.5875		0		928.125		1650		1006.4625		0		0
	08-25-2024		36		27		31.5		0		59		43		3584.5875		0		928.125		1650		1006.4625		0		0
	08-26-2024		35		26		30.5		0		58		42		3501.225		0		928.125		1650		923.1		0		0
	08-27-2024		35		24		29.5		0		57		41		3417.8625		0		928.125		1650		839.7375		0		0

📅	Date	#	Max Temperature	#	Min Temperature	#	Average Temperature	#	heating degree day	#	Sol air temperature(Ts)	#	Delta T(Ts-16)	#	Qc	#	Qv	#	Qs	#	Qi	#	Qm(W)	#	Qm(KW)	#	Qm(KW) after roundingup
	08-28-2024		34		24		29		0		56.5		40.5		3376.18125		0		928.125		1650		798.05625		0		0
	08-29-2024		28		25		26.5		0		54		38		3167.775		0		928.125		1650		589.65		0		0
	08-30-2024		36		26		31		0		58.5		42.5		3542.90625		0		928.125		1650		964.78125		0		0
	08-31-2024		36		27		31.5		0		59		43		3584.5875		0		928.125		1650		1006.4625		0		0
	09-01-2024		36		27		31.5		0		59		43		3584.5875		0		928.125		1650		1006.4625		0		0
	09-02-2024		33		27		30		0		57.5		41.5		3459.54375		0		928.125		1650		881.41875		0		0
	09-03-2024		35		25		30		0		57.5		41.5		3459.54375		0		928.125		1650		881.41875		0		0
	09-04-2024		30		24		27		0		54.5		38.5		3209.45625		0		928.125		1650		631.33125		0		0
	09-05-2024		33		25		29		0		56.5		40.5		3376.18125		0		928.125		1650		798.05625		0		0
	09-06-2024		34		26		30		0		57.5		41.5		3459.54375		0		928.125		1650		881.41875		0		0
	09-07-2024		29		25		27		0		54.5		38.5		3209.45625		0		928.125		1650		631.33125		0		0
	09-08-2024		33		26		29.5		0		57		41		3417.8625		0		928.125		1650		839.7375		0		0
	09-09-2024		36		27		31.5		0		59		43		3584.5875		0		928.125		1650		1006.4625		0		0
	09-10-2024		33		27		30		0		57.5		41.5		3459.54375		0		928.125		1650		881.41875		0		0
	09-11-2024		35		26		30.5		0		58		42		3501.225		0		928.125		1650		923.1		0		0
	09-12-2024		32		26		29		0		56.5		40.5		3376.18125		0		928.125		1650		798.05625		0		0
	09-13-2024		32		24		28		0		55.5		39.5		3292.81875		0		928.125		1650		714.69375		0		0
	09-14-2024		33		23		28		0		55.5		39.5		3292.81875		0		928.125		1650		714.69375		0		0
	09-15-2024		34		24		29		0		56.5		40.5		3376.18125		0		928.125		1650		798.05625		0		0
	09-16-2024		35		24		29.5		0		57		41		3417.8625		0		928.125		1650		839.7375		0		0
	09-17-2024		35		26		30.5		0		58		42		3501.225		0		928.125		1650		923.1		0		0
	09-18-2024		32		25		28.5		0		56		40		3334.5		0		928.125		1650		756.375		0		0
	09-19-2024		35		25		30		0		57.5		41.5		3459.54375		0		928.125		1650		881.41875		0		0
	09-20-2024		36		23		29.5		0		57		41		3417.8625		0		928.125		1650		839.7375		0		0
	09-21-2024		36		26		31		0		58.5		42.5		3542.90625		0		928.125		1650		964.78125		0		0
	09-22-2024		36		26		31		0		58.5		42.5		3542.90625		0		928.125		1650		964.78125		0		0
	09-23-2024		37		26		31.5		0		59		43		3584.5875		0		928.125		1650		1006.4625		0		0
	09-24-2024		37		28		32.5		0		60		44		3667.95		0		928.125		1650		1089.825		0		0
	09-25-2024		36		28		32		0		59.5		43.5		3626.26875		0		928.125		1650		1048.14375		0		0
	09-26-2024		30		26		28		0		55.5		39.5		3292.81875		0		928.125		1650		714.69375		0		0
	09-27-2024		34		25		29.5		0		57		41		3417.8625		0		928.125		1650		839.7375		0		0
	09-28-2024		33		24		28.5		0		56		40		3334.5		0		928.125		1650		756.375		0		0
	09-29-2024		34		25		29.5		0		57		41		3417.8625		0		928.125		1650		839.7375		0		0
	09-30-2024		34		24		29		0		56.5		40.5		3376.18125		0		928.125		1650		798.05625		0		0
	10-01-2024		36		25		30.5		0		58		42		3501.225		0		928.125		1650		923.1		0		0
	10-02-2024		36		25		30.5		0		58		42		3501.225		0		928.125		1650		923.1		0		0
	10-03-2024		36		24		30		0		57.5		41.5		3459.54375		0		928.125		1650		881.41875		0		0
	10-04-2024		37		24		30.5		0		58		42		3501.225		0		928.125		1650		923.1		0		0
	10-05-2024		36		24		30		0		57.5		41.5		3459.54375		0		928.125		1650		881.41875		0		0
	10-06-2024		36		21		28.5		0		56		40		3334.5		0		928.125		1650		756.375		0		0

📅	Date	#	Max Temperatur	#	Min Temperature	#	Average Temperature	#	heating degree day	#	Sol air temperature(Ts)	#	Delta T(Ts-16)	#	Qc	#	Qv	#	Qs	#	Qi	#	Qm(W)	#	Qm(KW)	#	Qm(KW) after roundingup
	10-07-2024		35		21		28		0		55.5		39.5		3292.81875		0		928.125		1650		714.69375		0		0
	10-08-2024		35		21		28		0		55.5		39.5		3292.81875		0		928.125		1650		714.69375		0		0
	10-09-2024		35		21		28		0		55.5		39.5		3292.81875		0		928.125		1650		714.69375		0		0
	10-10-2024		34		20		27		0		54.5		38.5		3209.45625		0		928.125		1650		631.33125		0		0
	10-11-2024		34		19		26.5		0		54		38		3167.775		0		928.125		1650		589.65		0		0
	10-12-2024		35		19		27		0		54.5		38.5		3209.45625		0		928.125		1650		631.33125		0		0
	10-13-2024		34		19		26.5		0		54		38		3167.775		0		928.125		1650		589.65		0		0
	10-14-2024		34		20		27		0		54.5		38.5		3209.45625		0		928.125		1650		631.33125		0		0
	10-15-2024		34		19		26.5		0		54		38		3167.775		0		928.125		1650		589.65		0		0
	10-16-2024		34		19		26.5		0		54		38		3167.775		0		928.125		1650		589.65		0		0
	10-17-2024		35		20		27.5		0		55		39		3251.1375		0		928.125		1650		673.0125		0		0
	10-18-2024		35		20		27.5		0		55		39		3251.1375		0		928.125		1650		673.0125		0		0
	10-19-2024		34		20		27		0		54.5		38.5		3209.45625		0		928.125		1650		631.33125		0		0
	10-20-2024		33		19		26		0		53.5		37.5		3126.09375		0		928.125		1650		547.96875		0		0
	10-21-2024		33		19		26		0		53.5		37.5		3126.09375		0		928.125		1650		547.96875		0		0
	10-22-2024		33		19		26		0		53.5		37.5		3126.09375		0		928.125		1650		547.96875		0		0
	10-23-2024		33		20		26.5		0		54		38		3167.775		0		928.125		1650		589.65		0		0
	10-24-2024		35		18		26.5		0		54		38		3167.775		0		928.125		1650		589.65		0		0
	10-25-2024		35		17		26		0		53.5		37.5		3126.09375		0		928.125		1650		547.96875		0		0
	10-26-2024		34		17		25.5		0		53		37		3084.4125		0		928.125		1650		506.2875		0		0
	10-27-2024		32		19		25.5		0		53		37		3084.4125		0		928.125		1650		506.2875		0		0
	10-28-2024		33		21		27		0		54.5		38.5		3209.45625		0		928.125		1650		631.33125		0		0
	10-29-2024		34		20		27		0		54.5		38.5		3209.45625		0		928.125		1650		631.33125		0		0
	10-30-2024		34		20		27		0		54.5		38.5		3209.45625		0		928.125		1650		631.33125		0		0
	10-31-2024		34		18		26		0		53.5		37.5		3126.09375		0		928.125		1650		547.96875		0		0
	11-01-2024		35		18		26.5		0		54		38		3167.775		0		928.125		1650		589.65		0		0
	11-02-2024		33		15		24		0		51.5		35.5		2959.36875		0		928.125		1650		381.24375		0		0
	11-03-2024		33		15		24		0		51.5		35.5		2959.36875		0		928.125		1650		381.24375		0		0
	11-04-2024		33		16		24.5		0		52		36		3001.05		0		928.125		1650		422.925		0		0
	11-05-2024		31		16		23.5		0		51		35		2917.6875		0		928.125		1650		339.5625		0		0
	11-06-2024		31		17		24		0		51.5		35.5		2959.36875		0		928.125		1650		381.24375		0		0
	11-07-2024		30		19		24.5		0		52		36		3001.05		0		928.125		1650		422.925		0		0
	11-08-2024		30		18		24		0		51.5		35.5		2959.36875		0		928.125		1650		381.24375		0		0
	11-09-2024		29		19		24		0		51.5		35.5		2959.36875		0		928.125		1650		381.24375		0		0
	11-10-2024		29		18		23.5		0		51		35		2917.6875		0		928.125		1650		339.5625		0		0
	11-11-2024		28		18		23		0		50.5		34.5		2876.00625		0		928.125		1650		297.88125		0		0
	11-12-2024		29		18		23.5		0		51		35		2917.6875		0		928.125		1650		339.5625		0		0
	11-13-2024		22		17		19.5		0		47		31		2584.2375		0		928.125		1650		6.1125		0		0
	11-14-2024		24		16		20		0		47.5		31.5		2625.91875		0		928.125		1650		47.79375		0		0
	11-15-2024		25		16		20.5		0		48		32		2667.6		0		928.125		1650		89.475		0		0

📅	Date	#	Max Temperature	#	Min Temperature	#	Average Temperature	#	heating degree day	#	Sol air temperature(Ts)	#	Delta T(Ts-16)	#	Qc	#	Qv	#	Qs	#	Qi	#	Qm(W)	#	Qm(KW)	#	Qm(KW) after roundingup
	11-16-2024		27		14		20.5		0		48		32		2667.6		0		928.125		1650		89.475		0		0
	11-17-2024		24		14		19		0		46.5		30.5		2542.55625		0		928.125		1650		-35.56875		0		0
	11-18-2024		25		13		19		0		46.5		30.5		2542.55625		0		928.125		1650		-35.56875		0		0
	11-19-2024		27		10		18.5		0		46		30		2500.875		0		928.125		1650		-77.25		0		0
	11-20-2024		28		10		19		0		46.5		30.5		2542.55625		0		928.125		1650		-35.56875		0		0
	11-21-2024		28		10		19		0		46.5		30.5		2542.55625		0		928.125		1650		-35.56875		0		0
	11-22-2024		28		10		19		0		46.5		30.5		2542.55625		0		928.125		1650		-35.56875		0		0
	11-23-2024		26		11		18.5		0		46		30		2500.875		0		928.125		1650		-77.25		0		0
	11-24-2024		29		12		20.5		0		48		32		2667.6		0		928.125		1650		89.475		0		0
	11-25-2024		26		13		19.5		0		47		31		2584.2375		0		928.125		1650		6.1125		0		0
	11-26-2024		27		10		18.5		0		46		30		2500.875		0		928.125		1650		-77.25		0		0
	11-27-2024		26		9		17.5		0		45		29		2417.5125		0		928.125		1650		-160.6125		0		0
	11-28-2024		27		9		18		0		45.5		29.5		2459.19375		0		928.125		1650		-118.93125		0		0
	11-29-2024		27		8		17.5		0		45		29		2417.5125		0		928.125		1650		-160.6125		0		0
	11-30-2024		27		10		18.5		0		46		30		2500.875		0		928.125		1650		-77.25		0		0
	12-01-2024		27		10		18.5		0		46		30		2500.875		0		928.125		1650		-77.25		0		0
	12-02-2024		29		11		20		0		47.5		31.5		2625.91875		0		928.125		1650		47.79375		0		0
	12-03-2024		28		12		20		0		47.5		31.5		2625.91875		0		928.125		1650		47.79375		0		0
	12-04-2024		27		9		18		0		45.5		29.5		2459.19375		0		928.125		1650		-118.93125		0		0
	12-05-2024		25		8		16.5		0		44		28		2334.15		0		928.125		1650		-243.975		0		0
	12-06-2024		24		6		15		1		42.5		26.5		2219.18625		65		928.125		1650		-293.93875		-0.29393875		-0.3
	12-07-2024		24		8		16		0		43.5		27.5		2292.46875		0		928.125		1650		-285.65625		0		0
	12-08-2024		21		8		14.5		1.5		42		26		2182.545		97.5		928.125		1650		-298.08		-0.29808		-0.3
	12-09-2024		22		7		14.5		1.5		42		26		2182.545		97.5		928.125		1650		-298.08		-0.29808		-0.3
	12-10-2024		22		6		14		2		41.5		25.5		2145.90375		130		928.125		1650		-302.22125		-0.30222125		-0.4
	12-11-2024		22		5		13.5		2.5		41		25		2109.2625		162.5		928.125		1650		-306.3625		-0.3063625		-0.4
	12-12-2024		21		7		14		2		41.5		25.5		2145.90375		130		928.125		1650		-302.22125		-0.30222125		-0.4
	12-13-2024		22		6		14		2		41.5		25.5		2145.90375		130		928.125		1650		-302.22125		-0.30222125		-0.4
	12-14-2024		22		4		13		3		40.5		24.5		2072.62125		195		928.125		1650		-310.50375		-0.31050375		-0.4
	12-15-2024		21		5		13		3		40.5		24.5		2072.62125		195		928.125		1650		-310.50375		-0.31050375		-0.4
	12-16-2024		23		5		14		2		41.5		25.5		2145.90375		130		928.125		1650		-302.22125		-0.30222125		-0.4
	12-17-2024		22		6		14		2		41.5		25.5		2145.90375		130		928.125		1650		-302.22125		-0.30222125		-0.4
	12-18-2024		23		7		15		1		42.5		26.5		2219.18625		65		928.125		1650		-293.93875		-0.29393875		-0.3
	12-19-2024		20		7		13.5		2.5		41		25		2109.2625		162.5		928.125		1650		-306.3625		-0.3063625		-0.4
	12-20-2024		22		5		13.5		2.5		41		25		2109.2625		162.5		928.125		1650		-306.3625		-0.3063625		-0.4
	12-21-2024		22		7		14.5		1.5		42		26		2182.545		97.5		928.125		1650		-298.08		-0.29808		-0.3
	12-22-2024		22		9		15.5		0.5		43		27		2255.8275		32.5		928.125		1650		-289.7975		-0.2897975		-0.3
	12-23-2024		13		7		10		6		37.5		21.5		1852.77375		390		928.125		1650		-335.35125		-0.33535125		-0.4
	12-24-2024		19		8		13.5		2.5		41		25		2109.2625		162.5		928.125		1650		-306.3625		-0.3063625		-0.4
	12-25-2024		22		7		14.5		1.5		42		26		2182.545		97.5		928.125		1650		-298.08		-0.29808		-0.3

 Date	#	Max Temperatur	#	Min Temperature	#	Average Temperature	#	heating degree day	#	Sol air temperature(Ts)	#	Delta T(Ts-16)	#	Qc	#	Qv	#	Qs	#	Qi	#	Qm(W)	#	Qm(KW)	#	Qm(KW) after roundingup
12-26-2024		23		9		16		0		43.5		27.5		2292.46875		0		928.125		1650		-285.65625		0		0
12-27-2024		15		13		14		2		41.5		25.5		2145.90375		130		928.125		1650		-302.22125		-0.30222125		-0.4
12-28-2024		16		11		13.5		2.5		41		25		2109.2625		162.5		928.125		1650		-306.3625		-0.3063625		-0.4
12-29-2024		16		10		13		3		40.5		24.5		2072.62125		195		928.125		1650		-310.50375		-0.31050375		-0.4
12-30-2024		13		9		11		5		38.5		22.5		1926.05625		325		928.125		1650		-327.06875		-0.32706875		-0.4
12-31-2024		13		9		11		5		38.5		22.5		1926.05625		325		928.125		1650		-327.06875		-0.32706875		-0.4

Date	Max Temperaturure	Min Temperature	Average Temperature	Cooling degree day	Sol air temp(Ts)	Delta T	Qc	Qv	Qs	Qi	Qm(W)	Qm(KW)	Qm(KW) after roundup
01-01-2024	11	7	9	0	36.5	14.5	1208.75625	0	928.125	1650	3786.88125	0	0
01-02-2024	11	8	9.5	0	37	15	1250.4375	0	928.125	1650	3828.5625	0	0
01-03-2024	16	8	12	0	39.5	17.5	1458.84375	0	928.125	1650	4036.96875	0	0
01-04-2024	11	6	8.5	0	36	14	1167.075	0	928.125	1650	3745.2	0	0
01-05-2024	11	7	9	0	36.5	14.5	1208.75625	0	928.125	1650	3786.88125	0	0
01-06-2024	13	6	9.5	0	37	15	1250.4375	0	928.125	1650	3828.5625	0	0
01-07-2024	11	7	9	0	36.5	14.5	1208.75625	0	928.125	1650	3786.88125	0	0
01-08-2024	10	6	8	0	35.5	13.5	1125.39375	0	928.125	1650	3703.51875	0	0
01-09-2024	11	7	9	0	36.5	14.5	1208.75625	0	928.125	1650	3786.88125	0	0
01-10-2024	13	6	9.5	0	37	15	1250.4375	0	928.125	1650	3828.5625	0	0
01-11-2024	13	6	9.5	0	37	15	1250.4375	0	928.125	1650	3828.5625	0	0
01-12-2024	12	4	8	0	35.5	13.5	1125.39375	0	928.125	1650	3703.51875	0	0
01-13-2024	13	5	9	0	36.5	14.5	1208.75625	0	928.125	1650	3786.88125	0	0
01-14-2024	15	3	9	0	36.5	14.5	1208.75625	0	928.125	1650	3786.88125	0	0
01-15-2024	14	3	8.5	0	36	14	1167.075	0	928.125	1650	3745.2	0	0
01-16-2024	12	3	7.5	0	35	13	1083.7125	0	928.125	1650	3661.8375	0	0
01-17-2024	16	5	10.5	0	38	16	1333.8	0	928.125	1650	3911.925	0	0
01-18-2024	17	3	10	0	37.5	15.5	1292.11875	0	928.125	1650	3870.24375	0	0
01-19-2024	11	8	9.5	0	37	15	1250.4375	0	928.125	1650	3828.5625	0	0
01-20-2024	15	4	9.5	0	37	15	1250.4375	0	928.125	1650	3828.5625	0	0
01-21-2024	11	5	8	0	35.5	13.5	1125.39375	0	928.125	1650	3703.51875	0	0
01-22-2024	11	6	8.5	0	36	14	1167.075	0	928.125	1650	3745.2	0	0
01-23-2024	14	4	9	0	36.5	14.5	1208.75625	0	928.125	1650	3786.88125	0	0
01-24-2024	11	4	7.5	0	35	13	1083.7125	0	928.125	1650	3661.8375	0	0
01-25-2024	15	5	10	0	37.5	15.5	1292.11875	0	928.125	1650	3870.24375	0	0
01-26-2024	19	5	12	0	39.5	17.5	1458.84375	0	928.125	1650	4036.96875	0	0
01-27-2024	22	7	14.5	0	42	20	1667.25	0	928.125	1650	4245.375	0	0
01-28-2024	13	7	10	0	37.5	15.5	1292.11875	0	928.125	1650	3870.24375	0	0
01-29-2024	19	8	13.5	0	41	19	1583.8875	0	928.125	1650	4162.0125	0	0
01-30-2024	20	9	14.5	0	42	20	1667.25	0	928.125	1650	4245.375	0	0
01-31-2024	19	10	14.5	0	42	20	1667.25	0	928.125	1650	4245.375	0	0
02-01-2024	17	12	14.5	0	42	20	1667.25	0	928.125	1650	4245.375	0	0
02-02-2024	20	8	14	0	41.5	19.5	1625.56875	0	928.125	1650	4203.69375	0	0
02-03-2024	20	8	14	0	41.5	19.5	1625.56875	0	928.125	1650	4203.69375	0	0
02-04-2024	16	12	14	0	41.5	19.5	1625.56875	0	928.125	1650	4203.69375	0	0
02-05-2024	16	10	13	0	40.5	18.5	1542.20625	0	928.125	1650	4120.33125	0	0
02-06-2024	20	6	13	0	40.5	18.5	1542.20625	0	928.125	1650	4120.33125	0	0
02-07-2024	20	5	12.5	0	40	18	1500.525	0	928.125	1650	4078.65	0	0
02-08-2024	22	6	14	0	41.5	19.5	1625.56875	0	928.125	1650	4203.69375	0	0
02-09-2024	24	7	15.5	0	43	21	1750.6125	0	928.125	1650	4328.7375	0	0
02-10-2024	22	6	14	0	41.5	19.5	1625.56875	0	928.125	1650	4203.69375	0	0
02-11-2024	24	7	15.5	0	43	21	1750.6125	0	928.125	1650	4328.7375	0	0
02-12-2024	24	7	15.5	0	43	21	1750.6125	0	928.125	1650	4328.7375	0	0
02-13-2024	23	9	16	0	43.5	21.5	1792.29375	0	928.125	1650	4370.41875	0	0
02-14-2024	25	9	17	0	44.5	22.5	1875.65625	0	928.125	1650	4453.78125	0	0
02-15-2024	26	8	17	0	44.5	22.5	1875.65625	0	928.125	1650	4453.78125	0	0

02-16-2024	26	8	17	0	44.5	22.5	1875.65625	0	928.125	1650	4453.78125	0	0
02-17-2024	26	9	17.5	0	45	23	1917.3375	0	928.125	1650	4495.4625	0	0
02-18-2024	25	9	17	0	44.5	22.5	1875.65625	0	928.125	1650	4453.78125	0	0
02-19-2024	25	9	17	0	44.5	22.5	1875.65625	0	928.125	1650	4453.78125	0	0
02-20-2024	25	14	19.5	0	47	25	2084.0625	0	928.125	1650	4662.1875	0	0
02-21-2024	23	13	18	0	45.5	23.5	1959.01875	0	928.125	1650	4537.14375	0	0
02-22-2024	26	8	17	0	44.5	22.5	1875.65625	0	928.125	1650	4453.78125	0	0
02-23-2024	24	8	16	0	43.5	21.5	1792.29375	0	928.125	1650	4370.41875	0	0
02-24-2024	24	8	16	0	43.5	21.5	1792.29375	0	928.125	1650	4370.41875	0	0
02-25-2024	24	9	16.5	0	44	22	1833.975	0	928.125	1650	4412.1	0	0
02-26-2024	25	9	17	0	44.5	22.5	1875.65625	0	928.125	1650	4453.78125	0	0
02-27-2024	21	13	17	0	44.5	22.5	1875.65625	0	928.125	1650	4453.78125	0	0
02-28-2024	26	9	17.5	0	45	23	1917.3375	0	928.125	1650	4495.4625	0	0
02-29-2024	27	12	19.5	0	47	25	2084.0625	0	928.125	1650	4662.1875	0	0
03-01-2024	23	13	18	0	45.5	23.5	1959.01875	0	928.125	1650	4537.14375	0	0
03-02-2024	24	15	19.5	0	47	25	2084.0625	0	928.125	1650	4662.1875	0	0
03-03-2024	23	11	17	0	44.5	22.5	1875.65625	0	928.125	1650	4453.78125	0	0
03-04-2024	22	6	14	0	41.5	19.5	1625.56875	0	928.125	1650	4203.69375	0	0
03-05-2024	22	7	14.5	0	42	20	1667.25	0	928.125	1650	4245.375	0	0
03-06-2024	24	7	15.5	0	43	21	1750.6125	0	928.125	1650	4328.7375	0	0
03-07-2024	26	8	17	0	44.5	22.5	1875.65625	0	928.125	1650	4453.78125	0	0
03-08-2024	26	10	18	0	45.5	23.5	1959.01875	0	928.125	1650	4537.14375	0	0
03-09-2024	27	12	19.5	0	47	25	2084.0625	0	928.125	1650	4662.1875	0	0
03-10-2024	28	11	19.5	0	47	25	2084.0625	0	928.125	1650	4662.1875	0	0
03-11-2024	28	13	20.5	0	48	26	2167.425	0	928.125	1650	4745.55	0	0
03-12-2024	29	13	21	0	48.5	26.5	2209.10625	0	928.125	1650	4787.23125	0	0
03-13-2024	27	13	20	0	47.5	25.5	2125.74375	0	928.125	1650	4703.86875	0	0
03-14-2024	30	12	21	0	48.5	26.5	2209.10625	0	928.125	1650	4787.23125	0	0
03-15-2024	29	11	20	0	47.5	25.5	2125.74375	0	928.125	1650	4703.86875	0	0
03-16-2024	30	12	21	0	48.5	26.5	2209.10625	0	928.125	1650	4787.23125	0	0
03-17-2024	30	13	21.5	0	49	27	2250.7875	0	928.125	1650	4828.9125	0	0
03-18-2024	31	12	21.5	0	49	27	2250.7875	0	928.125	1650	4828.9125	0	0
03-19-2024	31	13	22	0	49.5	27.5	2292.46875	0	928.125	1650	4870.59375	0	0
03-20-2024	32	14	23	1	50.5	28.5	2385.91125	65	928.125	1650	5029.03625	5.02903625	5.1
03-21-2024	27	17	22	0	49.5	27.5	2292.46875	0	928.125	1650	4870.59375	0	0
03-22-2024	31	17	24	2	51.5	29.5	2479.35375	130	928.125	1650	5187.47875	5.18747875	5.2
03-23-2024	32	18	25	3	52.5	30.5	2572.79625	195	928.125	1650	5345.92125	5.34592125	5.4
03-24-2024	29	16	22.5	0.5	50	28	2339.19	32.5	928.125	1650	4949.815	4.949815	5
03-25-2024	31	16	23.5	1.5	51	29	2432.6325	97.5	928.125	1650	5108.2575	5.1082575	5.2
03-26-2024	32	18	25	3	52.5	30.5	2572.79625	195	928.125	1650	5345.92125	5.34592125	5.4
03-27-2024	34	20	27	5	54.5	32.5	2759.68125	325	928.125	1650	5662.80625	5.66280625	5.7
03-28-2024	35	19	27	5	54.5	32.5	2759.68125	325	928.125	1650	5662.80625	5.66280625	5.7
03-29-2024	35	17	26	4	53.5	31.5	2666.23875	260	928.125	1650	5504.36375	5.50436375	5.6
03-30-2024	34	18	26	4	53.5	31.5	2666.23875	260	928.125	1650	5504.36375	5.50436375	5.6
03-31-2024	34	17	25.5	3.5	53	31	2619.5175	227.5	928.125	1650	5425.1425	5.4251425	5.5
04-01-2024	31	16	23.5	1.5	51	29	2432.6325	97.5	928.125	1650	5108.2575	5.1082575	5.2
04-02-2024	31	15	23	1	50.5	28.5	2385.91125	65	928.125	1650	5029.03625	5.02903625	5.1

04-03-2024	35	16	25.5	3.5	53	31	2619.5175	227.5	928.125	1650	5425.1425	5.4251425	5.5
04-04-2024	36	18	27	5	54.5	32.5	2759.68125	325	928.125	1650	5662.80625	5.66280625	5.7
04-05-2024	36	18	27	5	54.5	32.5	2759.68125	325	928.125	1650	5662.80625	5.66280625	5.7
04-06-2024	35	17	26	4	53.5	31.5	2666.23875	260	928.125	1650	5504.36375	5.50436375	5.6
04-07-2024	35	15	25	3	52.5	30.5	2572.79625	195	928.125	1650	5345.92125	5.34592125	5.4
04-08-2024	37	17	27	5	54.5	32.5	2759.68125	325	928.125	1650	5662.80625	5.66280625	5.7
04-09-2024	37	16	26.5	4.5	54	32	2712.96	292.5	928.125	1650	5583.585	5.583585	5.6
04-10-2024	38	17	27.5	5.5	55	33	2806.4025	357.5	928.125	1650	5742.0275	5.7420275	5.8
04-11-2024	37	18	27.5	5.5	55	33	2806.4025	357.5	928.125	1650	5742.0275	5.7420275	5.8
04-12-2024	38	18	28	6	55.5	33.5	2853.12375	390	928.125	1650	5821.24875	5.82124875	5.9
04-13-2024	34	21	27.5	5.5	55	33	2806.4025	357.5	928.125	1650	5742.0275	5.7420275	5.8
04-14-2024	30	19	24.5	2.5	52	30	2526.075	162.5	928.125	1650	5266.7	5.2667	5.3
04-15-2024	34	20	27	5	54.5	32.5	2759.68125	325	928.125	1650	5662.80625	5.66280625	5.7
04-16-2024	35	20	27.5	5.5	55	33	2806.4025	357.5	928.125	1650	5742.0275	5.7420275	5.8
04-17-2024	39	20	29.5	7.5	57	35	2993.2875	487.5	928.125	1650	6058.9125	6.0589125	6.1
04-18-2024	37	21	29	7	56.5	34.5	2946.56625	455	928.125	1650	5979.69125	5.97969125	6
04-19-2024	39	20	29.5	7.5	57	35	2993.2875	487.5	928.125	1650	6058.9125	6.0589125	6.1
04-20-2024	35	21	28	6	55.5	33.5	2853.12375	390	928.125	1650	5821.24875	5.82124875	5.9
04-21-2024	37	20	28.5	6.5	56	34	2899.845	422.5	928.125	1650	5900.47	5.90047	6
04-22-2024	37	22	29.5	7.5	57	35	2993.2875	487.5	928.125	1650	6058.9125	6.0589125	6.1
04-23-2024	33	20	26.5	4.5	54	32	2712.96	292.5	928.125	1650	5583.585	5.583585	5.6
04-24-2024	36	17	26.5	4.5	54	32	2712.96	292.5	928.125	1650	5583.585	5.583585	5.6
04-25-2024	39	20	29.5	7.5	57	35	2993.2875	487.5	928.125	1650	6058.9125	6.0589125	6.1
04-26-2024	41	20	30.5	8.5	58	36	3086.73	552.5	928.125	1650	6217.355	6.217355	6.3
04-27-2024	37	24	30.5	8.5	58	36	3086.73	552.5	928.125	1650	6217.355	6.217355	6.3
04-28-2024	38	20	29	7	56.5	34.5	2946.56625	455	928.125	1650	5979.69125	5.97969125	6
04-29-2024	30	21	25.5	3.5	53	31	2619.5175	227.5	928.125	1650	5425.1425	5.4251425	5.5
04-30-2024	36	17	26.5	4.5	54	32	2712.96	292.5	928.125	1650	5583.585	5.583585	5.6
05-01-2024	32	17	24.5	2.5	52	30	2526.075	162.5	928.125	1650	5266.7	5.2667	5.3
05-02-2024	36	17	26.5	4.5	54	32	2712.96	292.5	928.125	1650	5583.585	5.583585	5.6
05-03-2024	38	19	28.5	6.5	56	34	2899.845	422.5	928.125	1650	5900.47	5.90047	6
05-04-2024	41	23	32	10	59.5	37.5	3226.89375	650	928.125	1650	6455.01875	6.45501875	6.5
05-05-2024	40	23	31.5	9.5	59	37	3180.1725	617.5	928.125	1650	6375.7975	6.3757975	6.4
05-06-2024	41	25	33	11	60.5	38.5	3320.33625	715	928.125	1650	6613.46125	6.61346125	6.7
05-07-2024	41	24	32.5	10.5	60	38	3273.615	682.5	928.125	1650	6534.24	6.53424	6.6
05-08-2024	38	25	31.5	9.5	59	37	3180.1725	617.5	928.125	1650	6375.7975	6.3757975	6.4
05-09-2024	37	26	31.5	9.5	59	37	3180.1725	617.5	928.125	1650	6375.7975	6.3757975	6.4
05-10-2024	38	26	32	10	59.5	37.5	3226.89375	650	928.125	1650	6455.01875	6.45501875	6.5
05-11-2024	39	24	31.5	9.5	59	37	3180.1725	617.5	928.125	1650	6375.7975	6.3757975	6.4
05-12-2024	39	24	31.5	9.5	59	37	3180.1725	617.5	928.125	1650	6375.7975	6.3757975	6.4
05-13-2024	40	21	30.5	8.5	58	36	3086.73	552.5	928.125	1650	6217.355	6.217355	6.3
05-14-2024	41	22	31.5	9.5	59	37	3180.1725	617.5	928.125	1650	6375.7975	6.3757975	6.4
05-15-2024	42	23	32.5	10.5	60	38	3273.615	682.5	928.125	1650	6534.24	6.53424	6.6
05-16-2024	42	26	34	12	61.5	39.5	3413.77875	780	928.125	1650	6771.90375	6.77190375	6.8
05-17-2024	44	27	35.5	13.5	63	41	3553.9425	877.5	928.125	1650	7009.5675	7.0095675	7.1
05-18-2024	45	27	36	14	63.5	41.5	3600.66375	910	928.125	1650	7088.78875	7.08878875	7.1
05-19-2024	45	27	36	14	63.5	41.5	3600.66375	910	928.125	1650	7088.78875	7.08878875	7.1

05-20-2024	44	28	36	14	63.5	41.5	3600.66375	910	928.125	1650	7088.78875	7.08878875	7.1
05-21-2024	44	27	35.5	13.5	63	41	3553.9425	877.5	928.125	1650	7009.5675	7.0095675	7.1
05-22-2024	41	27	34	12	61.5	39.5	3413.77875	780	928.125	1650	6771.90375	6.77190375	6.8
05-23-2024	40	29	34.5	12.5	62	40	3460.5	812.5	928.125	1650	6851.125	6.851125	6.9
05-24-2024	42	29	35.5	13.5	63	41	3553.9425	877.5	928.125	1650	7009.5675	7.0095675	7.1
05-25-2024	44	28	36	14	63.5	41.5	3600.66375	910	928.125	1650	7088.78875	7.08878875	7.1
05-26-2024	46	26	36	14	63.5	41.5	3600.66375	910	928.125	1650	7088.78875	7.08878875	7.1
05-27-2024	45	28	36.5	14.5	64	42	3647.385	942.5	928.125	1650	7168.01	7.16801	7.2
05-28-2024	47	26	36.5	14.5	64	42	3647.385	942.5	928.125	1650	7168.01	7.16801	7.2
05-29-2024	46	26	36	14	63.5	41.5	3600.66375	910	928.125	1650	7088.78875	7.08878875	7.1
05-30-2024	46	21	33.5	11.5	61	39	3367.0575	747.5	928.125	1650	6692.6825	6.6926825	6.7
05-31-2024	46	28	37	15	64.5	42.5	3694.10625	975	928.125	1650	7247.23125	7.24723125	7.3
06-01-2024	45	29	37	15	64.5	42.5	3694.10625	975	928.125	1650	7247.23125	7.24723125	7.3
06-02-2024	43	26	34.5	12.5	62	40	3460.5	812.5	928.125	1650	6851.125	6.851125	6.9
06-03-2024	45	30	37.5	15.5	65	43	3740.8275	1007.5	928.125	1650	7326.4525	7.3264525	7.4
06-04-2024	44	28	36	14	63.5	41.5	3600.66375	910	928.125	1650	7088.78875	7.08878875	7.1
06-05-2024	43	24	33.5	11.5	61	39	3367.0575	747.5	928.125	1650	6692.6825	6.6926825	6.7
06-06-2024	40	23	31.5	9.5	59	37	3180.1725	617.5	928.125	1650	6375.7975	6.3757975	6.4
06-07-2024	41	26	33.5	11.5	61	39	3367.0575	747.5	928.125	1650	6692.6825	6.6926825	6.7
06-08-2024	41	27	34	12	61.5	39.5	3413.77875	780	928.125	1650	6771.90375	6.77190375	6.8
06-09-2024	43	26	34.5	12.5	62	40	3460.5	812.5	928.125	1650	6851.125	6.851125	6.9
06-10-2024	44	26	35	13	62.5	40.5	3507.22125	845	928.125	1650	6930.34625	6.93034625	7
06-11-2024	45	26	35.5	13.5	63	41	3553.9425	877.5	928.125	1650	7009.5675	7.0095675	7.1
06-12-2024	45	27	36	14	63.5	41.5	3600.66375	910	928.125	1650	7088.78875	7.08878875	7.1
06-13-2024	46	28	37	15	64.5	42.5	3694.10625	975	928.125	1650	7247.23125	7.24723125	7.3
06-14-2024	45	29	37	15	64.5	42.5	3694.10625	975	928.125	1650	7247.23125	7.24723125	7.3
06-15-2024	45	32	38.5	16.5	66	44	3834.27	1072.5	928.125	1650	7484.895	7.484895	7.5
06-16-2024	46	31	38.5	16.5	66	44	3834.27	1072.5	928.125	1650	7484.895	7.484895	7.5
06-17-2024	45	31	38	16	65.5	43.5	3787.54875	1040	928.125	1650	7405.67375	7.40567375	7.5
06-18-2024	45	30	37.5	15.5	65	43	3740.8275	1007.5	928.125	1650	7326.4525	7.3264525	7.4
06-19-2024	43	28	35.5	13.5	63	41	3553.9425	877.5	928.125	1650	7009.5675	7.0095675	7.1
06-20-2024	37	24	30.5	8.5	58	36	3086.73	552.5	928.125	1650	6217.355	6.217355	6.3
06-21-2024	38	27	32.5	10.5	60	38	3273.615	682.5	928.125	1650	6534.24	6.53424	6.6
06-22-2024	40	27	33.5	11.5	61	39	3367.0575	747.5	928.125	1650	6692.6825	6.6926825	6.7
06-23-2024	40	29	34.5	12.5	62	40	3460.5	812.5	928.125	1650	6851.125	6.851125	6.9
06-24-2024	40	29	34.5	12.5	62	40	3460.5	812.5	928.125	1650	6851.125	6.851125	6.9
06-25-2024	40	28	34	12	61.5	39.5	3413.77875	780	928.125	1650	6771.90375	6.77190375	6.8
06-26-2024	35	25	30	8	57.5	35.5	3040.00875	520	928.125	1650	6138.13375	6.13813375	6.2
06-27-2024	34	28	31	9	58.5	36.5	3133.45125	585	928.125	1650	6296.57625	6.29657625	6.3
06-28-2024	36	28	32	10	59.5	37.5	3226.89375	650	928.125	1650	6455.01875	6.45501875	6.5
06-29-2024	38	29	33.5	11.5	61	39	3367.0575	747.5	928.125	1650	6692.6825	6.6926825	6.7
06-30-2024	37	28	32.5	10.5	60	38	3273.615	682.5	928.125	1650	6534.24	6.53424	6.6
07-01-2024	35	29	32	10	59.5	37.5	3226.89375	650	928.125	1650	6455.01875	6.45501875	6.5
07-02-2024	37	30	33.5	11.5	61	39	3367.0575	747.5	928.125	1650	6692.6825	6.6926825	6.7
07-03-2024	34	27	30.5	8.5	58	36	3086.73	552.5	928.125	1650	6217.355	6.217355	6.3
07-04-2024	34	26	30	8	57.5	35.5	3040.00875	520	928.125	1650	6138.13375	6.13813375	6.2
07-05-2024	35	28	31.5	9.5	59	37	3180.1725	617.5	928.125	1650	6375.7975	6.3757975	6.4

07-06-2024	32	25	28.5	6.5	56	34	2899.845	422.5	928.125	1650	5900.47	5.90047	6
07-07-2024	35	26	30.5	8.5	58	36	3086.73	552.5	928.125	1650	6217.355	6.217355	6.3
07-08-2024	34	27	30.5	8.5	58	36	3086.73	552.5	928.125	1650	6217.355	6.217355	6.3
07-09-2024	36	27	31.5	9.5	59	37	3180.1725	617.5	928.125	1650	6375.7975	6.3757975	6.4
07-10-2024	38	29	33.5	11.5	61	39	3367.0575	747.5	928.125	1650	6692.6825	6.6926825	6.7
07-11-2024	39	29	34	12	61.5	39.5	3413.77875	780	928.125	1650	6771.90375	6.77190375	6.8
07-12-2024	34	28	31	9	58.5	36.5	3133.45125	585	928.125	1650	6296.57625	6.29657625	6.3
07-13-2024	37	27	32	10	59.5	37.5	3226.89375	650	928.125	1650	6455.01875	6.45501875	6.5
07-14-2024	38	28	33	11	60.5	38.5	3320.33625	715	928.125	1650	6613.46125	6.61346125	6.7
07-15-2024	37	30	33.5	11.5	61	39	3367.0575	747.5	928.125	1650	6692.6825	6.6926825	6.7
07-16-2024	38	30	34	12	61.5	39.5	3413.77875	780	928.125	1650	6771.90375	6.77190375	6.8
07-17-2024	32	25	28.5	6.5	56	34	2899.845	422.5	928.125	1650	5900.47	5.90047	6
07-18-2024	37	28	32.5	10.5	60	38	3273.615	682.5	928.125	1650	6534.24	6.53424	6.6
07-19-2024	37	28	32.5	10.5	60	38	3273.615	682.5	928.125	1650	6534.24	6.53424	6.6
07-20-2024	36	29	32.5	10.5	60	38	3273.615	682.5	928.125	1650	6534.24	6.53424	6.6
07-21-2024	37	30	33.5	11.5	61	39	3367.0575	747.5	928.125	1650	6692.6825	6.6926825	6.7
07-22-2024	33	29	31	9	58.5	36.5	3133.45125	585	928.125	1650	6296.57625	6.29657625	6.3
07-23-2024	34	28	31	9	58.5	36.5	3133.45125	585	928.125	1650	6296.57625	6.29657625	6.3
07-24-2024	35	29	32	10	59.5	37.5	3226.89375	650	928.125	1650	6455.01875	6.45501875	6.5
07-25-2024	36	29	32.5	10.5	60	38	3273.615	682.5	928.125	1650	6534.24	6.53424	6.6
07-26-2024	36	29	32.5	10.5	60	38	3273.615	682.5	928.125	1650	6534.24	6.53424	6.6
07-27-2024	35	28	31.5	9.5	59	37	3180.1725	617.5	928.125	1650	6375.7975	6.3757975	6.4
07-28-2024	38	28	33	11	60.5	38.5	3320.33625	715	928.125	1650	6613.46125	6.61346125	6.7
07-29-2024	38	29	33.5	11.5	61	39	3367.0575	747.5	928.125	1650	6692.6825	6.6926825	6.7
07-30-2024	36	30	33	11	60.5	38.5	3320.33625	715	928.125	1650	6613.46125	6.61346125	6.7
07-31-2024	39	30	34.5	12.5	62	40	3460.5	812.5	928.125	1650	6851.125	6.851125	6.9
08-01-2024	32	25	28.5	6.5	56	34	2899.845	422.5	928.125	1650	5900.47	5.90047	6
08-02-2024	34	28	31	9	58.5	36.5	3133.45125	585	928.125	1650	6296.57625	6.29657625	6.3
08-03-2024	34	28	31	9	58.5	36.5	3133.45125	585	928.125	1650	6296.57625	6.29657625	6.3
08-04-2024	35	28	31.5	9.5	59	37	3180.1725	617.5	928.125	1650	6375.7975	6.3757975	6.4
08-05-2024	35	28	31.5	9.5	59	37	3180.1725	617.5	928.125	1650	6375.7975	6.3757975	6.4
08-06-2024	35	28	31.5	9.5	59	37	3180.1725	617.5	928.125	1650	6375.7975	6.3757975	6.4
08-07-2024	32	27	29.5	7.5	57	35	2993.2875	487.5	928.125	1650	6058.9125	6.0589125	6.1
08-08-2024	34	27	30.5	8.5	58	36	3086.73	552.5	928.125	1650	6217.355	6.217355	6.3
08-09-2024	35	27	31	9	58.5	36.5	3133.45125	585	928.125	1650	6296.57625	6.29657625	6.3
08-10-2024	33	26	29.5	7.5	57	35	2993.2875	487.5	928.125	1650	6058.9125	6.0589125	6.1
08-11-2024	30	24	27	5	54.5	32.5	2759.68125	325	928.125	1650	5662.80625	5.66280625	5.7
08-12-2024	33	24	28.5	6.5	56	34	2899.845	422.5	928.125	1650	5900.47	5.90047	6
08-13-2024	34	27	30.5	8.5	58	36	3086.73	552.5	928.125	1650	6217.355	6.217355	6.3
08-14-2024	34	27	30.5	8.5	58	36	3086.73	552.5	928.125	1650	6217.355	6.217355	6.3
08-15-2024	32	25	28.5	6.5	56	34	2899.845	422.5	928.125	1650	5900.47	5.90047	6
08-16-2024	35	28	31.5	9.5	59	37	3180.1725	617.5	928.125	1650	6375.7975	6.3757975	6.4
08-17-2024	35	27	31	9	58.5	36.5	3133.45125	585	928.125	1650	6296.57625	6.29657625	6.3
08-18-2024	35	27	31	9	58.5	36.5	3133.45125	585	928.125	1650	6296.57625	6.29657625	6.3
08-19-2024	35	27	31	9	58.5	36.5	3133.45125	585	928.125	1650	6296.57625	6.29657625	6.3
08-20-2024	31	27	29	7	56.5	34.5	2946.56625	455	928.125	1650	5979.69125	5.97969125	6
08-21-2024	36	26	31	9	58.5	36.5	3133.45125	585	928.125	1650	6296.57625	6.29657625	6.3

08-22-2024	36	27	31.5	9.5	59	37	3180.1725	617.5	928.125	1650	6375.7975	6.3757975	6.4
08-23-2024	34	24	29	7	56.5	34.5	2946.56625	455	928.125	1650	5979.69125	5.97969125	6
08-24-2024	35	28	31.5	9.5	59	37	3180.1725	617.5	928.125	1650	6375.7975	6.3757975	6.4
08-25-2024	36	27	31.5	9.5	59	37	3180.1725	617.5	928.125	1650	6375.7975	6.3757975	6.4
08-26-2024	35	26	30.5	8.5	58	36	3086.73	552.5	928.125	1650	6217.355	6.217355	6.3
08-27-2024	35	24	29.5	7.5	57	35	2993.2875	487.5	928.125	1650	6058.9125	6.0589125	6.1
08-28-2024	34	24	29	7	56.5	34.5	2946.56625	455	928.125	1650	5979.69125	5.97969125	6
08-29-2024	28	25	26.5	4.5	54	32	2712.96	292.5	928.125	1650	5583.585	5.583585	5.6
08-30-2024	36	26	31	9	58.5	36.5	3133.45125	585	928.125	1650	6296.57625	6.29657625	6.3
08-31-2024	36	27	31.5	9.5	59	37	3180.1725	617.5	928.125	1650	6375.7975	6.3757975	6.4
09-01-2024	36	27	31.5	9.5	59	37	3180.1725	617.5	928.125	1650	6375.7975	6.3757975	6.4
09-02-2024	33	27	30	8	57.5	35.5	3040.00875	520	928.125	1650	6138.13375	6.13813375	6.2
09-03-2024	35	25	30	8	57.5	35.5	3040.00875	520	928.125	1650	6138.13375	6.13813375	6.2
09-04-2024	30	24	27	5	54.5	32.5	2759.68125	325	928.125	1650	5662.80625	5.66280625	5.7
09-05-2024	33	25	29	7	56.5	34.5	2946.56625	455	928.125	1650	5979.69125	5.97969125	6
09-06-2024	34	26	30	8	57.5	35.5	3040.00875	520	928.125	1650	6138.13375	6.13813375	6.2
09-07-2024	29	25	27	5	54.5	32.5	2759.68125	325	928.125	1650	5662.80625	5.66280625	5.7
09-08-2024	33	26	29.5	7.5	57	35	2993.2875	487.5	928.125	1650	6058.9125	6.0589125	6.1
09-09-2024	36	27	31.5	9.5	59	37	3180.1725	617.5	928.125	1650	6375.7975	6.3757975	6.4
09-10-2024	33	27	30	8	57.5	35.5	3040.00875	520	928.125	1650	6138.13375	6.13813375	6.2
09-11-2024	35	26	30.5	8.5	58	36	3086.73	552.5	928.125	1650	6217.355	6.217355	6.3
09-12-2024	32	26	29	7	56.5	34.5	2946.56625	455	928.125	1650	5979.69125	5.97969125	6
09-13-2024	32	24	28	6	55.5	33.5	2853.12375	390	928.125	1650	5821.24875	5.82124875	5.9
09-14-2024	33	23	28	6	55.5	33.5	2853.12375	390	928.125	1650	5821.24875	5.82124875	5.9
09-15-2024	34	24	29	7	56.5	34.5	2946.56625	455	928.125	1650	5979.69125	5.97969125	6
09-16-2024	35	24	29.5	7.5	57	35	2993.2875	487.5	928.125	1650	6058.9125	6.0589125	6.1
09-17-2024	35	26	30.5	8.5	58	36	3086.73	552.5	928.125	1650	6217.355	6.217355	6.3
09-18-2024	32	25	28.5	6.5	56	34	2899.845	422.5	928.125	1650	5900.47	5.90047	6
09-19-2024	35	25	30	8	57.5	35.5	3040.00875	520	928.125	1650	6138.13375	6.13813375	6.2
09-20-2024	36	23	29.5	7.5	57	35	2993.2875	487.5	928.125	1650	6058.9125	6.0589125	6.1
09-21-2024	36	26	31	9	58.5	36.5	3133.45125	585	928.125	1650	6296.57625	6.29657625	6.3
09-22-2024	36	26	31	9	58.5	36.5	3133.45125	585	928.125	1650	6296.57625	6.29657625	6.3
09-23-2024	37	26	31.5	9.5	59	37	3180.1725	617.5	928.125	1650	6375.7975	6.3757975	6.4
09-24-2024	37	28	32.5	10.5	60	38	3273.615	682.5	928.125	1650	6534.24	6.53424	6.6
09-25-2024	36	28	32	10	59.5	37.5	3226.89375	650	928.125	1650	6455.01875	6.45501875	6.5
09-26-2024	30	26	28	6	55.5	33.5	2853.12375	390	928.125	1650	5821.24875	5.82124875	5.9
09-27-2024	34	25	29.5	7.5	57	35	2993.2875	487.5	928.125	1650	6058.9125	6.0589125	6.1
09-28-2024	33	24	28.5	6.5	56	34	2899.845	422.5	928.125	1650	5900.47	5.90047	6
09-29-2024	34	25	29.5	7.5	57	35	2993.2875	487.5	928.125	1650	6058.9125	6.0589125	6.1
09-30-2024	34	24	29	7	56.5	34.5	2946.56625	455	928.125	1650	5979.69125	5.97969125	6
10-01-2024	36	25	30.5	8.5	58	36	3086.73	552.5	928.125	1650	6217.355	6.217355	6.3
10-02-2024	36	25	30.5	8.5	58	36	3086.73	552.5	928.125	1650	6217.355	6.217355	6.3
10-03-2024	36	24	30	8	57.5	35.5	3040.00875	520	928.125	1650	6138.13375	6.13813375	6.2
10-04-2024	37	24	30.5	8.5	58	36	3086.73	552.5	928.125	1650	6217.355	6.217355	6.3
10-05-2024	36	24	30	8	57.5	35.5	3040.00875	520	928.125	1650	6138.13375	6.13813375	6.2
10-06-2024	36	21	28.5	6.5	56	34	2899.845	422.5	928.125	1650	5900.47	5.90047	6
10-07-2024	35	21	28	6	55.5	33.5	2853.12375	390	928.125	1650	5821.24875	5.82124875	5.9

10-08-2024	35	21	28	6	55.5	33.5	2853.12375	390	928.125	1650	5821.24875	5.82124875	5.9
10-09-2024	35	21	28	6	55.5	33.5	2853.12375	390	928.125	1650	5821.24875	5.82124875	5.9
10-10-2024	34	20	27	5	54.5	32.5	2759.68125	325	928.125	1650	5662.80625	5.66280625	5.7
10-11-2024	34	19	26.5	4.5	54	32	2712.96	292.5	928.125	1650	5583.585	5.583585	5.6
10-12-2024	35	19	27	5	54.5	32.5	2759.68125	325	928.125	1650	5662.80625	5.66280625	5.7
10-13-2024	34	19	26.5	4.5	54	32	2712.96	292.5	928.125	1650	5583.585	5.583585	5.6
10-14-2024	34	20	27	5	54.5	32.5	2759.68125	325	928.125	1650	5662.80625	5.66280625	5.7
10-15-2024	34	19	26.5	4.5	54	32	2712.96	292.5	928.125	1650	5583.585	5.583585	5.6
10-16-2024	34	19	26.5	4.5	54	32	2712.96	292.5	928.125	1650	5583.585	5.583585	5.6
10-17-2024	35	20	27.5	5.5	55	33	2806.4025	357.5	928.125	1650	5742.0275	5.7420275	5.8
10-18-2024	35	20	27.5	5.5	55	33	2806.4025	357.5	928.125	1650	5742.0275	5.7420275	5.8
10-19-2024	34	20	27	5	54.5	32.5	2759.68125	325	928.125	1650	5662.80625	5.66280625	5.7
10-20-2024	33	19	26	4	53.5	31.5	2666.23875	260	928.125	1650	5504.36375	5.50436375	5.6
10-21-2024	33	19	26	4	53.5	31.5	2666.23875	260	928.125	1650	5504.36375	5.50436375	5.6
10-22-2024	33	19	26	4	53.5	31.5	2666.23875	260	928.125	1650	5504.36375	5.50436375	5.6
10-23-2024	33	20	26.5	4.5	54	32	2712.96	292.5	928.125	1650	5583.585	5.583585	5.6
10-24-2024	35	18	26.5	4.5	54	32	2712.96	292.5	928.125	1650	5583.585	5.583585	5.6
10-25-2024	35	17	26	4	53.5	31.5	2666.23875	260	928.125	1650	5504.36375	5.50436375	5.6
10-26-2024	34	17	25.5	3.5	53	31	2619.5175	227.5	928.125	1650	5425.1425	5.4251425	5.5
10-27-2024	32	19	25.5	3.5	53	31	2619.5175	227.5	928.125	1650	5425.1425	5.4251425	5.5
10-28-2024	33	21	27	5	54.5	32.5	2759.68125	325	928.125	1650	5662.80625	5.66280625	5.7
10-29-2024	34	20	27	5	54.5	32.5	2759.68125	325	928.125	1650	5662.80625	5.66280625	5.7
10-30-2024	34	20	27	5	54.5	32.5	2759.68125	325	928.125	1650	5662.80625	5.66280625	5.7
10-31-2024	34	18	26	4	53.5	31.5	2666.23875	260	928.125	1650	5504.36375	5.50436375	5.6
11-01-2024	35	18	26.5	4.5	54	32	2712.96	292.5	928.125	1650	5583.585	5.583585	5.6
11-02-2024	33	15	24	2	51.5	29.5	2479.35375	130	928.125	1650	5187.47875	5.18747875	5.2
11-03-2024	33	15	24	2	51.5	29.5	2479.35375	130	928.125	1650	5187.47875	5.18747875	5.2
11-04-2024	33	16	24.5	2.5	52	30	2526.075	162.5	928.125	1650	5266.7	5.2667	5.3
11-05-2024	31	16	23.5	1.5	51	29	2432.6325	97.5	928.125	1650	5108.2575	5.1082575	5.2
11-06-2024	31	17	24	2	51.5	29.5	2479.35375	130	928.125	1650	5187.47875	5.18747875	5.2
11-07-2024	30	19	24.5	2.5	52	30	2526.075	162.5	928.125	1650	5266.7	5.2667	5.3
11-08-2024	30	18	24	2	51.5	29.5	2479.35375	130	928.125	1650	5187.47875	5.18747875	5.2
11-09-2024	29	19	24	2	51.5	29.5	2479.35375	130	928.125	1650	5187.47875	5.18747875	5.2
11-10-2024	29	18	23.5	1.5	51	29	2432.6325	97.5	928.125	1650	5108.2575	5.1082575	5.2
11-11-2024	28	18	23	1	50.5	28.5	2385.91125	65	928.125	1650	5029.03625	5.02903625	5.1
11-12-2024	29	18	23.5	1.5	51	29	2432.6325	97.5	928.125	1650	5108.2575	5.1082575	5.2
11-13-2024	22	17	19.5	0	47	25	2084.0625	0	928.125	1650	4662.1875	0	0
11-14-2024	24	16	20	0	47.5	25.5	2125.74375	0	928.125	1650	4703.86875	0	0
11-15-2024	25	16	20.5	0	48	26	2167.425	0	928.125	1650	4745.55	0	0
11-16-2024	27	14	20.5	0	48	26	2167.425	0	928.125	1650	4745.55	0	0
11-17-2024	24	14	19	0	46.5	24.5	2042.38125	0	928.125	1650	4620.50625	0	0
11-18-2024	25	13	19	0	46.5	24.5	2042.38125	0	928.125	1650	4620.50625	0	0
11-19-2024	27	10	18.5	0	46	24	2000.7	0	928.125	1650	4578.825	0	0
11-20-2024	28	10	19	0	46.5	24.5	2042.38125	0	928.125	1650	4620.50625	0	0
11-21-2024	28	10	19	0	46.5	24.5	2042.38125	0	928.125	1650	4620.50625	0	0
11-22-2024	28	10	19	0	46.5	24.5	2042.38125	0	928.125	1650	4620.50625	0	0
11-23-2024	26	11	18.5	0	46	24	2000.7	0	928.125	1650	4578.825	0	0

11-24-2024	29	12	20.5	0	48	26	2167.425	0	928.125	1650	4745.55	0	0
11-25-2024	26	13	19.5	0	47	25	2084.0625	0	928.125	1650	4662.1875	0	0
11-26-2024	27	10	18.5	0	46	24	2000.7	0	928.125	1650	4578.825	0	0
11-27-2024	26	9	17.5	0	45	23	1917.3375	0	928.125	1650	4495.4625	0	0
11-28-2024	27	9	18	0	45.5	23.5	1959.01875	0	928.125	1650	4537.14375	0	0
11-29-2024	27	8	17.5	0	45	23	1917.3375	0	928.125	1650	4495.4625	0	0
11-30-2024	27	10	18.5	0	46	24	2000.7	0	928.125	1650	4578.825	0	0
12-01-2024	27	10	18.5	0	46	24	2000.7	0	928.125	1650	4578.825	0	0
12-02-2024	29	11	20	0	47.5	25.5	2125.74375	0	928.125	1650	4703.86875	0	0
12-03-2024	28	12	20	0	47.5	25.5	2125.74375	0	928.125	1650	4703.86875	0	0
12-04-2024	27	9	18	0	45.5	23.5	1959.01875	0	928.125	1650	4537.14375	0	0
12-05-2024	25	8	16.5	0	44	22	1833.975	0	928.125	1650	4412.1	0	0
12-06-2024	24	6	15	0	42.5	20.5	1708.93125	0	928.125	1650	4287.05625	0	0
12-07-2024	24	8	16	0	43.5	21.5	1792.29375	0	928.125	1650	4370.41875	0	0
12-08-2024	21	8	14.5	0	42	20	1667.25	0	928.125	1650	4245.375	0	0
12-09-2024	22	7	14.5	0	42	20	1667.25	0	928.125	1650	4245.375	0	0
12-10-2024	22	6	14	0	41.5	19.5	1625.56875	0	928.125	1650	4203.69375	0	0
12-11-2024	22	5	13.5	0	41	19	1583.8875	0	928.125	1650	4162.0125	0	0
12-12-2024	21	7	14	0	41.5	19.5	1625.56875	0	928.125	1650	4203.69375	0	0
12-13-2024	22	6	14	0	41.5	19.5	1625.56875	0	928.125	1650	4203.69375	0	0
12-14-2024	22	4	13	0	40.5	18.5	1542.20625	0	928.125	1650	4120.33125	0	0
12-15-2024	21	5	13	0	40.5	18.5	1542.20625	0	928.125	1650	4120.33125	0	0
12-16-2024	23	5	14	0	41.5	19.5	1625.56875	0	928.125	1650	4203.69375	0	0
12-17-2024	22	6	14	0	41.5	19.5	1625.56875	0	928.125	1650	4203.69375	0	0
12-18-2024	23	7	15	0	42.5	20.5	1708.93125	0	928.125	1650	4287.05625	0	0
12-19-2024	20	7	13.5	0	41	19	1583.8875	0	928.125	1650	4162.0125	0	0
12-20-2024	22	5	13.5	0	41	19	1583.8875	0	928.125	1650	4162.0125	0	0
12-21-2024	22	7	14.5	0	42	20	1667.25	0	928.125	1650	4245.375	0	0
12-22-2024	22	9	15.5	0	43	21	1750.6125	0	928.125	1650	4328.7375	0	0
12-23-2024	13	7	10	0	37.5	15.5	1292.11875	0	928.125	1650	3870.24375	0	0
12-24-2024	19	8	13.5	0	41	19	1583.8875	0	928.125	1650	4162.0125	0	0
12-25-2024	22	7	14.5	0	42	20	1667.25	0	928.125	1650	4245.375	0	0
12-26-2024	23	9	16	0	43.5	21.5	1792.29375	0	928.125	1650	4370.41875	0	0
12-27-2024	15	13	14	0	41.5	19.5	1625.56875	0	928.125	1650	4203.69375	0	0
12-28-2024	16	11	13.5	0	41	19	1583.8875	0	928.125	1650	4162.0125	0	0
12-29-2024	16	10	13	0	40.5	18.5	1542.20625	0	928.125	1650	4120.33125	0	0
12-30-2024	13	9	11	0	38.5	16.5	1375.48125	0	928.125	1650	3953.60625	0	0
12-31-2024	13	9	11	0	38.5	16.5	1375.48125	0	928.125	1650	3953.60625	0	0

Month	Max.CDD	Outside temp	Sol air temp(Ts)	Delta T	Qc	Qv	Qs	Qi	Qm	Qmc	Qm(KW) after roundup
January	0	14.5	42	20	1667.25	942.5	928.125	1650	5187.875	5.187875	5.2
February	0	19.5	47	25	2084.0625	1267.5	928.125	1650	5929.6875	5.9296875	6
March	5	27	54.5	32.5	2720.53125	1755	928.125	1650	7053.65625	7.05365625	7.1
April	8.5	30.5	58	36	3020.175	1982.5	928.125	1650	7580.8	7.5808	7.6
May	15	37	64.5	42.5	3576.65625	2405	928.125	1650	8559.78125	8.55978125	8.6
June	16.5	38.5	66	44	3705.075	2502.5	928.125	1650	8785.7	8.7857	8.8
July	12.5	34.5	62	40	3362.625	2242.5	928.125	1650	8183.25	8.18325	8.2
August	9.5	31.5	59	37	3105.7875	2047.5	928.125	1650	7731.4125	7.7314125	7.8
September	10.5	32.5	60	38	3191.4	2112.5	928.125	1650	7882.025	7.882025	7.9
October	8.5	30.5	58	36	3020.175	1982.5	928.125	1650	7580.8	7.5808	7.6
November	4.5	26.5	54	32	2677.725	1722.5	928.125	1650	6978.35	6.97835	7
December	0	20	47.5	25.5	2125.74375	1300	928.125	1650	6003.86875	6.00386875	6.1

Month	Maximum HDD	Outside temp	Sol air temp(Ts)	Delta ts	Qc	Qv	Qs	Qi	Qm	Qmh	Qm(KW) after roundup
January	8.5	7.5	35	19	1603.0125	552.5	928.125	1650	-422.6125	-0.4226125	-0.5
February	3.5	12.5	40	24	2008.575	227.5	928.125	1650	-342.05	-0.34205	-0.4
March	2	14	41.5	25.5	2130.24375	130	928.125	1650	-317.88125	-0.31788125	-0.4
April	0	30.5	58	42	3501.225	0	928.125	1650	923.1	0.9231	1
May	0	37	64.5	48.5	4043.08125	0	928.125	1650	1464.95625	1.46495625	1.5
June	0	38.5	66	50	4168.125	0	928.125	1650	1590	1.59	1.6
July	0	34.5	62	46	3834.675	0	928.125	1650	1256.55	1.25655	1.3
August	0	31.5	59	43	3584.5875	0	928.125	1650	1006.4625	1.0064625	1.1
September	0	32.5	60	44	3667.95	0	928.125	1650	1089.825	1.089825	1.1
October	0	30.5	58	42	3501.225	0	928.125	1650	923.1	0.9231	1
November	0	26.5	54	38	3167.775	0	928.125	1650	589.65	0.58965	0.6
December	6	10	37.5	21.5	1805.79375	390	928.125	1650	-382.33125	-0.38233125	-0.4