

Climatic factors		2006							
		Rainfall (mm)	Hours of sunshine (>1200 W/m2)	Solar radiation (MJ /m2)	T ^a max (°C)	T ^a min (°C)	ET _o (mm)	VPD (kPa)	Dif T ^a max-T ^a min
January		46.7	194	98.14	10.64	-2.3	27.2	0.25	12.94
February		12.6	217	148.93	12.61	4.8	43.6	0.41	7.81
March		0.3	287	222.97	19.25	7.55	101.9	0.93	11.70
April		30.7	315	268.78	20.01	12.95	121.4	0.95	7.06
May		71	316	266.57	26.11	14.18	133	1.1	11.93
June		0.3	348	290.78	26.84	15.73	169	1.61	11.11
July		13.6	367	310.18	29.31	24.42	200.2	2.33	4.89
August		0.8	351	278.59	29.12	19.17	172.7	1.91	9.95
September		49.1	284	213.09	24.9	17.81	116.9	1.4	7.09
October		2.3	270	158.66	23.09	15.98	83.7	1.16	7.11
November		55.6	178	96.13	18.89	9.84	40.4	0.55	9.05
December		1.8	187	92.98	13.76	4.23	38.2	0.48	9.53
Total/average		284.80	3314.00	203.82	21.21	12.03	1248.10	1.09	9.18
Dormancy	December-March	61.4	221.25	140.755	14.065	3.57	210.9	0.52	10.50
Budburst-Fruit set	April-May	101.7	315.5	267.675	23.06	13.565	254.4	1.03	9.50
Fruit-set-veraison	June-July	13.9	357.5	300.48	28.075	20.075	369.2	1.97	8.00
Veraison-harvest	August-mid-end September	49.9	317.5	245.84	27.01	18.49	289.6	1.66	8.52
Postharvest	mid-end september-October	57.9	224	127.395	20.99	12.91	124.1	0.86	8.08
Number of days		2006							
		T^amax > 35°C	T^amax > 30 °C	T^amin > 15 °C	T^amin < 15 °C				
Budburst-Fruit set	April-May	1	3	9	52				
Fruit-set-veraison	June-July	9	44	49	12				
Veraison-harvest	August-mid-end September	4	36	43	11				
Postharvest	mid-end september-October	0	3	4	34				

Climatic factors										
					2007					
		Rainfall	Hours of sunshine	Solar radiation						
		(mm)	(>1200 W/m2)	(MJ /m2)	T^a max (°C)	T^amin (°C)	Eto (mm)	VPD (kPa)	Dif T^amax-T^amin	
January		24.4	186	93.7	12.29	1.97	42.8	0.55	10.32	
February		18.1	220	133.51	15.35	6.11	58.7	0.61	9.24	
March		49	278	194.74	17.23	7.33	104.3	0.86	9.90	
April		55.4	281	178.92	17.96	8.37	86	0.62	9.59	
May		14.3	360	292.35	23.15	11.6	162.7	1.42	11.55	
June		0.2	356	312.83	28.03	19.7	178.6	1.83	8.33	
July		1.3	371	318.32	27.32	22.1	194.5	2.12	5.22	
August		21.3	340	253.78	29.08	19.79	160.8	1.9	9.29	
September		16.3	288	205.02	22.96	16.97	107.6	1.24	5.99	
October		84.6	247	134.79	20.14	11.24	66.6	0.78	8.90	
November		1.5	228	126.2	14.39	4.78	47.1	0.72	9.61	
December		0.4	210	93.69	13.55	3.89	40.6	0.54	9.66	
Total/average		286.80	3365.00	194.82	20.12	11.15	1250.10	1.10	8.97	
Dormancy	December-March	91.9	223.5	128.91	14.605	4.825	246.4	0.64	9.78	
Budburst-Fruit set	April-May	69.7	320.5	235.635	20.555	9.985	248.7	1.02	10.57	
Fruit-set-veraison	June-July	1.5	363.5	315.575	27.675	20.9	373.1	1.98	6.78	
Veraison-harvest	August-mid-end September	37.6	314	229.4	26.02	18.38	268.4	1.57	7.64	
Postharvest	mid-end september-October	86.1	237.5	130.495	17.265	8.01	113.7	0.75	9.26	
Number of days					2007					
			T^amax > 35°C	T^amax > 30 °C	T^amin > 15 °C	T^amin < 15 °C				
Budburst-Fruit set	April-May		0	6	5	56				
Fruit-set-veraison	June-July		8	41	48	13				
Veraison-harvest	August-mid-end September		6	26	47	7				
Postharvest	mid-end september-October		0	1	3	34				

Climatic factors					2008					
		Rainfall (mm)	Hours of sunshine (>1200 W/m2)	Solar radiation (MJ /m2)	T^a max (°C)	T^amin (°C)	ETo (mm)	VPD (kPa)	Dif T^amax-T^amin	
January		3.6	215	109.61	14.73	3.74	44.6	0.57	10.99	
February		18.1	203	115.55	13.54	7.23	47.9	0.49	6.31	
March		2.6	303	212.14	18.34	6.04	115	1.01	12.30	
April		4.9	321	250.05	19.5	12.17	129.8	1.18	7.33	
May		133.8	324	232.03	21.02	12.11	123.7	0.99	8.91	
June		102.6	347	304.53	26.29	13.39	160.5	1.38	12.90	
July		0.6	367	298.62	27.95	19.96	182.6	1.96	7.99	
August		0	354	279.88	29.24	22.53	172.2	2.02	6.71	
September		61.8	276	190.6	25.16	15.69	107.2	1.37	9.47	
October		31.3	198	118.92	21.14	8.57	63.6	0.71	12.57	
November		14.8	141	83.74	12.45	3.25	40.6	0.54	9.20	
December		2.5	181	81.16	12.78	4.4	34.7	0.38	8.38	
Total/average		376.60	3230.00	189.74	20.18	10.76	1222.30	1.05	9.42	
Dormancy	December-March	26.8	225.5	129.615	14.8475	5.3525	242.2	0.61	9.50	
Budburst-Fruit set	April-May	138.7	322.5	241.04	20.26	12.14	253.5	1.09	8.12	
Fruit-set-veraison	June-July	103.2	357	301.575	27.12	16.675	343.1	1.67	10.45	
Veraison-harvest	August-mid-end September	61.8	315	235.24	27.2	19.11	279.4	1.7	8.09	
Postharvest	mid-end september-October	46.1	169.5	101.33	16.795	5.91	104.2	0.63	10.89	
	Number of days		2008							
		T^amax > 35°C	T^amax > 30 °C	T^amin > 15 °C	T^amin < 15 °C					
Budburst-Fruit set	April-May	0	0	1	59					
Fruit-set-veraison	June-July	4	40	41	20					
Veraison-harvest	August-mid-end September	6	40	45	8					
Postharvest	mid-end september-October	0	0	4	34					

Climatic factors										
					2009					
		Rainfall (mm)	Hours of sunshine (>1200 W/m2)	Solar radiation (MJ /m2)	T ^a max (°C)	T ^a min (°C)	ETo (mm)	VPD (kPa)	Dif T ^a max-T ^a min	
January		16.6	161	71.51	17.34	0.61	42.8	0.42	16.73	
February		1.7	187	128.97	12.36	5.18	50.3	0.52	7.18	
March		45.4	275	181.29	15.41	7.57	85.5	0.75	7.84	
April		19.1	322	249.14	17.37	9.93	110.1	0.83	7.44	
May		7.3	358	284.68	23.34	14.32	152.7	1.32	9.02	
June		1.6	359	315.77	28.51	19.09	188.1	2.1	9.42	
July		0.1	366	296.95	31.73	22.69	195.3	2.4	9.04	
August		35.9	223	117.24	27.09	21.33	112.4	1.94	5.76	
September		27.5	197	93.79	27.41	16.72	74.8	1.18	10.69	
October		5.7	217	133.04	21.56	15.3	73.5	1.14	6.26	
November		5	215	124.53	18.7	7.31	58.1	0.88	11.39	
December		57.9	193	86.91	15.76	-0.16	38	0.49	15.92	
Total/average		224.00	3073.00	173.65	21.38	11.66	1182.00	1.17	9.72	
Dormancy	December-March	121.6	204	117.17	15.2175	3.3	216.6	0.55	11.92	
Budburst-Fruit set	April-May	26.4	340	266.91	20.355	12.125	262.8	1.08	8.23	
Fruit-set-veraison	June-July	1.7	362.5	306.36	30.12	20.89	383.4	2.25	9.23	
Veraison-harvest	August-mid-end September	63.4	210	105.515	27.25	19.025	187.2	1.56	8.23	
Postharvest	mid-end september-October	10.7	216	128.785	20.13	11.305	131.6	1.01	8.83	
Number of days				2009						
		T ^a max > 35°C	T ^a max > 30 °C	T ^a min > 15 °C	T ^a min < 15 °C					
Budburst-Fruit set	April-May	0	1	2	57					
Fruit-set-veraison	June-July	19	54	51	10					
Veraison-harvest	August-mid-end September	4	33	44	10					
Postharvest	mid-end september-October	0	2	5	33					

Climatic factors		2010							
		Rainfall (mm)	Hours of sunshine (>1200 W/m2)	Solar radiation (MJ /m2)	T ^a max (°C)	T ^a min (°C)	ETo (mm)	VPD (kPa)	Dif T ^a max-T ^a min
January		20.9	185	92.41	12.76	0.87	38	0.37	11.89
February		20.6	194	112.6	14.66	3.01	46.9	0.46	11.65
March		36.3	270	176.01	14.16	5.74	74.4	0.55	8.42
April		15.1	303	220.57	18.18	10.35	97.4	0.73	7.83
May		22.3	351	287.26	22.4	10.48	145.9	1.17	11.92
June		39.8	348	294.64	24.5	15.8	158.6	1.47	8.70
July		0.1	368	311.86	28.71	23.59	189.2	1.98	5.12
August		33.4	343	259.56	29.24	20.8	154.3	1.78	8.44
September		42	300	220.79	24.37	17.84	109.4	1.35	6.53
October		18.7	268	162.49	21.25	10.88	73	1.01	10.37
November		41.5	200	107.66	16.04	4.6	50	0.63	11.44
December		14.4	192	84.25	14.97	1.27	31.7	0.41	13.70
Total/average		305.00	3322.00	194.18	20.10	10.44	1169.00	0.99	9.67
Dormancy	December-March	92.2	210.25	116.3175	14.1375	2.7225	191	0.45	11.42
Budburst-Fruit set	April-May	37.4	327	253.915	20.29	10.415	243.3	0.95	9.88
Fruit-set-veraison	June-July	39.9	358	303.25	26.605	19.695	347.8	1.73	6.91
Veraison-harvest	August-mid-end September	75.4	321.5	240.175	26.805	19.32	263.7	1.57	7.49
Postharvest	mid-end september-October	60.2	234	135.075	18.645	7.74	123	0.82	10.91
Number of days		2010							
		T ^a max > 35°C	T ^a max > 30 °C	T ^a min > 15 °C	T ^a min < 15 °C				
Budburst-Fruit set	April-May	0	3	1	60				
Fruit-set-veraison	June-July	7	43	41	20				
Veraison-harvest	August-mid-end September	6	31	48	6				
Postharvest	mid-end september-October	0	0	5	33				

Climatic factors		2011							
		Rainfall (mm)	Hours of sunshine (>1200 W/m ²)	Solar radiation (MJ /m ²)	T ^a max (°C)	T ^a min (°C)	ET _o (mm)	VPD (kPa)	Dif T ^a max-T ^a min
January		1.9	205	99.65	12.84	0.57	35.2	0.45	12.27
February		6.2	232	153.11	15.9	6.12	63	0.75	9.78
March		23	257	155.41	15.92	6.32	73.8	0.56	9.60
April		48.8	258	224.45	21.52	11.76	96.8	1.09	9.76
May		10.7	315	266.38	23.43	14.97	140.1	1.2	8.46
June		3.5	347	297.34	27.38	16.29	166.5	1.64	11.09
July		2.9	363	303.72	28.65	23.13	188.2	2.02	5.52
August		3.1	355	280.22	29.73	23.26	174.4	2.27	6.47
September		13.9	180	215.47	24.87	18.89	117.3	1.56	5.98
October		1.7	273	165.37	21.17	13.25	78.9	1.14	7.92
November		46	171	99.36	16.11	8.52	41.1	0.51	7.59
December		0.2	179	105.67	13.56	5.43	34.1	0.57	8.13
Total/average		167.10	3135.00	197.18	20.92	12.38	1209.00	1.15	8.55
Dormancy	December-March	31.3	218.25	128.46	14.555	4.61	206.1	0.58	9.95
Budburst-Fruit set	April-May	59.5	286.5	245.415	22.475	13.365	236.9	1.15	9.11
Fruit-set-veraison	June-July	6.4	355	300.53	28.015	19.71	354.7	1.83	8.31
Veraison-harvest	August-mid-end September	17	267.5	247.845	27.3	21.075	291.7	1.92	6.23
Postharvest	mid-end september-October	47.7	222	132.365	18.64	10.885	120	0.83	7.76
Number of days		2011							
		T^amax > 35°C	T^amax > 30 °C	T^amin > 15 °C	T^amin < 15 °C				
Budburst-Fruit set	April-May	0	6	2	59				
Fruit-set-veraison	June-July	10	47	48	13				
Veraison-harvest	August-mid-end September	12	43	48	5				
Postharvest	mid-end september-October	0	4	4	34				

Climatic factors		2012							
		Rainfall (mm)	Hours of sunshine (>1200 W/m ²)	Solar radiation (MJ /m ²)	T ^a max (°C)	T ^a min (°C)	ET _o (mm)	VPD (kPa)	Dif T ^a max-T ^a
January		7	225	113.5	15.66	4.96	46.4	0.58	10.70
February		2.4	249	165.14	14.16	0.97	70.3	0.71	13.19
March		55.7	292	214.43	14.06	4.6	94.8	0.86	9.46
April		23.3	324	249.25	18.59	10.36	121.9	1.02	8.23
May		5.3	364	306.69	25.58	12.64	167.8	1.63	12.94
June		1.3	344	319.12	31.38	20.8	188.2	2.43	10.58
July		4.3	367	313.16	28.49	22.26	195.6	2.17	6.23
August		3.4	356	267.83	32.67	22.91	179.8	2.71	9.76
September		46.9	280	213.83	25.67	15.9	118.2	1.67	9.77
October		54.4	262	159.55	23.56	8.66	72.6	0.96	14.90
November		81.2	182	89.21	17.63	5.91	36.8	0.39	11.72
December		3.2	223	100.14	13.53	4.26	37.8	0.55	9.27
Total/average		288.00	3468.00	209.32	21.75	11.19	1330.00	1.31	10.56
Dormancy	December-March	68.3	247.25	148.3025	14.3525	3.6975	249.3	0.68	10.66
Budburst-Fruit set	April-May	28.6	344	277.97	22.085	11.5	289.7	1.33	10.59
Fruit-set-veraison	June-July	5.6	355.5	316.14	29.935	21.53	383.8	2.3	8.41
Veraison-harvest	August-mid-end September	50.3	318	240.83	29.17	19.405	298	2.19	9.77
Postharvest	mid-end september-October	135.6	222	124.38	20.595	7.285	109.4	0.68	13.31
Number of days		2012							
		T^amax > 35°C	T^amax > 30 °C	T^amin > 15 °C	T^amin < 15 °C				
Budburst-Fruit set	April-May	0	7	4	57				
Fruit-set-veraison	June-July	15	53	50	10				
Veraison-harvest	August-mid-end September	21	40	43	9				
Postharvest	mid-end september-October	0	3	8	30				