

Table 1

Brian J Murray's

NEWSLETTER



East Prince Agri-Environment Association *Irrigation* Scheduling Project

The following are the logged Results of the Eleven 2023 Weather Stations Data. These numbers include Monthly total RainFall, Monthly Average Air & Soil Temperature, Monthly Average Soil Moisture and Average Wind Speed with Maximum Gust Wind. Relative Humidity and Growing Degree Days are also included.

Site	Monthly		Total	RainFall		
	May RainFall mm	June RainFall mm	July RainFall mm	August RainFall mm	September RainFall mm	October RainFall mm
Lower Bedeque 2023	23.80	67.00	118.40	135.20	50.80	97.60
Springfield 2023	36.00	96.80	129.60	198.80	64.00	115.20
Nodd Road 2023	26.00	86.20	108.80	141.60	25.80	64.00
Blue Shank Rd 2023	18.60	66.40	108.80	151.40	54.40	109.80
Sealetown 2023	30.00	95.40	125.80	155.60	46.80	110.40
Kinkora 2023	32.60	86.00	133.80	182.80	49.80	101.20
West Cape 2023	34.20	117.40	87.60	109.20	98.40	54.20
Victoria 2023	*	63.88	128.20	135.00	51.80	112.80
Souris 2023	55.20	98.40	154.80	90.80	47.60	139.60
Indian River 2023	29.40	107.47	111.80	132.20	51.00	100.60
SpringValley 2023	38.20	109.00	104.40	132.80	64.40	108.80
Site	Monthly		Average	Soil Moisture	%VWC	
	May Soil Moisture %	June Soil Moisture %	July Soil Moisture %	August Soil Moisture %	September Soil Moisture %	October Soil Moisture %
Lower Bedeque 2023	32.80	32.60	31.31	29.86	32.58	33.00
Springfield 2023	36.00	28.95	28.58	29.25	31.64	32.34
Nodd Road 2023	26.00	14.24	14.42	24.82	18.54	26.56
Blue Shank Rd 2023	18.60	21.79	25.24	25.80	14.42	30.00
Sealetown 2023	30.00	24.75	31.04	24.74	25.74	26.15
Kinkora 2023	32.60	30.55	21.06	30.87	26.90	25.06
West Cape 2023	34.20	26.21	27.13	25.88	29.60	13.46
Victoria 2023	*	22.68	26.97	19.60	27.10	34.60
Souris 2023	55.20	27.14	27.25	25.81	27.75	30.50
Indian River 2023	29.40	24.21	23.74	22.19	24.52	24.20
SpringValley 2023	38.20	32.40	31.19	22.34	25.57	35.25

		Monthly	Average	Soil Temperature	Celsius	
Site	May Soil Temperature	June Soil Temperature	July Soil Temperature	August Soil Temperature	September Soil Temperature	October Soil Temperature
Lower Bedeque 2023	8.95	13.60	20.23	19.32	18.23	13.35
Springfield 2023	8.08	11.91	17.93	17.64	17.86	13.87
Nodd Road 2023	11.02	16.01	22.28	19.31	17.45	12.08
Blue Shank Rd 2023	11.40	16.05	21.20	17.92	17.31	12.75
Sealetown 2023	8.15	13.48	19.74	18.23	17.42	13.00
Kinkora 2023	11.78	14.53	23.45	18.55	19.13	15.48
West Cape 2023	9.32	15.03	22.06	18.82	17.78	11.90
Victoria 2023	10.24	15.44	20.37	17.58	17.61	12.67
Souris 2023	7.99	13.44	19.85	18.84	17.62	12.95
Indian River 2023	9.15	13.80	20.11	18.60	18.49	14.21
SpringValley 2023	8.98	13.53	20.98	17.94	16.47	12.90
		Monthly	Average	Air Temperature	Celsius	
Site	May Air Temperature	June Air Temperature	July Air Temperature	August Air Temperature	September Air Temperature	October Air Temperature
Lower Bedeque 2023	9.25	14.65	22.21	18.64	17.00	12.18
Springfield 2023	8.67	14.44	21.89	18.01	16.32	11.56
Nodd Road 2023	9.00	14.61	22.00	18.33	16.54	11.78
Blue Shank Rd 2023	9.05	14.58	22.10	18.13	16.65	12.02
Sealetown 2023	8.76	14.10	21.58	18.24	16.70	11.95
Kinkora 2023	8.87	16.09	21.62	18.04	16.34	11.70
West Cape 2023	9.12	14.11	21.90	18.20	16.47	11.83
Victoria 2023	10.18	16.24	21.54	18.23	16.60	12.10
Souris 2023	7.25	13.79	20.47	18.11	16.61	11.87
Indian River 2023	8.95	14.21	22.21	18.34	16.53	11.90
SpringValley 2023	10.04	14.18	22.13	18.43	16.85	12.13
		Monthly	Average	Wind Speed	Km/h	
Site	May Wind Speed	June Wind Speed	July Wind Speed	August Wind Speed	September Wind Speed	October Wind Speed
Lower Bedeque 2023	12.75	9.32	5.52	5.78	6.75	6.75
Springfield 2023	10.44	5.98	4.23	3.50	4.80	6.42
Nodd Road 2023	9.70	4.57	4.10	4.44	4.26	5.03
Blue Shank Rd 2023	13.07	10.80	6.56	6.00	7.27	9.08
Sealetown 2023	12.65	8.60	7.72	6.91	8.06	8.41
Kinkora 2023	10.85	6.96	4.32	4.36	5.56	6.12
West Cape 2023	12.31	8.84	5.36	5.64	6.49	9.17
Victoria 2023	10.00	10.15	6.05	6.85	8.17	9.03
Souris 2023	10.28	9.40	7.15	6.94	6.20	7.47
Indian River 2023	9.96	7.76	5.85	5.74	6.53	6.76
SpringValley 2023	14.41	12.04	7.77	6.95	9.15	10.56

		Monthly	Average	Gust Wind Speed	Km/h	
Site	May Gust Wind Speed	June Gust Wind Speed	July Gust Wind Speed	August Gust Wind Speed	September Gust Wind Speed	October Gust Wind Speed
Lower Bedeque 2023	23.58	51	60	54	54	54
Springfield 2023	63	42	49	49	65	56
Nodd Road 2023	56	34	42	53	58	47
Blue Shank Rd 2023	62	54	45	47	69	62
Sealetown 2023	58	47	42	56	56	58
Kinkora 2023	58	45	45	43	54	67
West Cape 2023	65	53	38	40	56	58
Victoria 2023	52	49	47	51	69	63
Souris 2023	62	51	44	53	58	54
Indian River 2023	60	49	45	47	63	54
SpringValley 2023	68	54	47	47	58	65
		Monthly	Average	Relative Humidity	%	
Site	May Relative Humidity	June Relative Humidity	July Relative Humidity	August Relative Humidity	September Relative Humidity	October Relative Humidity
Lower Bedeque 2023	74.36	88.63	87.98	87.00	89.41	87.60
Springfield 2023	72.11	85.27	85.78	85.50	88.00	86.31
Nodd Road 2023	74.07	89.06	89.76	87.10	90.24	88.90
Blue Shank Rd 2023	73.81	88.44	89.12	88.44	90.01	67.82
Sealetown 2023	72.37	86.85	85.74	84.21	87.22	86.32
Kinkora 2023	75.00	85.42	89.90	84.79	85.00	84.72
West Cape 2023	73.26	88.61	87.19	84.61	90.01	87.24
Victoria 2023	79.13	83.43	85.33	82.37	83.34	81.45
Souris 2023	78.24	87.63	91.96	88.24	89.46	88.86
Indian River 2023	70.58	87.32	85.80	84.29	87.83	85.95
SpringValley 2023	70.12	87.13	86.17	84.90	87.60	84.75
		Monthly	Average	Growing Degree Days		
Site	May GDD	June GDD	July GDD	August GDD	September GDD	October GDD
Lower Bedeque 2023	29.04	70.05	197.91	142.41	138.28	89.41
Springfield 2023	30.00	68.00	160.00	140.11	130.10	91.60
Nodd Road 2023	31.92	72.02	195.33	140.33	135.94	71.10
Blue Shank Rd 2023	29.00	66.65	192.41	129.88	132.84	84.62
Sealetown 2023	32.37	42.83	145.56	128.67	124.69	71.79
Kinkora 2023	54.55	110.43	230.14	164.78	163.21	109.47
West Cape 2023	27.25	60.00	169.54	121.46	118.42	73.66
Victoria 2023	63.00	75.00	146.01	118.87	110.62	94.57
Souris 2023	36.55	40.17	143.75	142.99	127.01	90.75
Indian River 2023	38.00	44.96	151.81	131.82	138.33	75.21
SpringValley 2023	41.00	48.00	167.39	129.61	109.23	89.92

