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MELBOURNE (WILLIAMSTOWN)

LAT 37°52'S LONG 144°55'E

EASTERN STANDARD TIME – PREDICTED TIDE HEIGHTS IN CMS

JANUARY 2014

			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
JANUARY 2014																										
WED	1	●	66	76	81	81	76	68	61	55	54	57	64	72	79	84	80	69	55	42	31	22	15	16	24	38
THU	2		52	67	78	85	85	79	70	61	54	51	53	60	70	79	84	81	71	57	43	31	21	14	14	24
FRI	3		38	53	69	81	88	87	80	69	59	51	47	48	57	67	79	85	83	73	59	45	32	21	14	15
SAT	4		26	41	56	72	85	91	88	78	66	55	46	41	44	54	66	79	86	85	75	61	46	33	21	15
SUN	5		17	30	45	61	77	89	92	86	74	61	49	40	36	41	52	65	79	87	86	76	61	47	33	23
MON	6		18	23	36	50	67	82	92	92	83	69	56	44	35	31	39	50	65	79	87	86	75	61	47	34
TUE	7		25	22	29	43	58	73	87	95	90	79	64	51	39	30	28	37	49	65	78	87	85	74	61	47
JANUARY 2014																										
WED	8	◑	35	28	27	37	50	65	79	91	94	86	74	59	45	34	26	27	36	49	64	77	85	82	73	60
THU	9		47	37	31	33	44	57	72	84	93	92	82	68	54	41	30	23	27	36	50	63	76	83	80	71
FRI	10		59	47	39	35	40	51	64	76	87	92	87	76	63	49	37	26	22	27	37	50	63	75	81	78
SAT	11		70	59	49	42	41	46	56	68	79	87	89	82	71	57	44	33	24	22	28	38	50	62	74	79
SUN	12		77	70	60	52	46	46	51	59	70	79	85	85	77	66	53	41	30	23	22	28	38	50	62	73
MON	13		78	78	71	62	55	50	50	53	60	69	77	82	80	73	62	50	39	29	22	22	28	38	50	62
TUE	14		73	79	79	73	65	58	53	52	53	59	67	74	78	76	70	59	48	37	28	22	21	27	38	50
JANUARY 2014																										
WED	15		62	73	80	81	75	67	60	54	51	51	57	64	72	76	74	68	58	47	36	27	21	21	27	39
THU	16	○	51	64	75	83	83	76	67	59	53	48	48	54	62	71	75	73	67	57	46	35	26	20	21	29
FRI	17		41	54	67	78	85	83	75	65	56	49	44	46	53	62	71	75	74	67	56	45	34	24	19	22
SAT	18		33	45	59	72	82	86	81	71	61	51	44	40	44	53	64	73	76	74	65	54	42	31	23	20
SUN	19		26	38	51	66	78	86	85	77	66	55	45	39	38	45	55	67	75	78	73	63	51	40	29	23
MON	20		23	32	45	59	73	83	87	82	71	59	48	39	35	38	47	58	70	78	79	71	59	48	36	27
TUE	21		24	28	40	53	68	80	87	86	76	64	52	41	34	33	40	50	63	74	80	78	68	56	44	33
JANUARY 2014																										
WED	22		27	27	36	48	62	76	86	89	82	69	57	45	35	30	33	43	54	67	77	81	76	65	53	41
THU	23		32	28	32	44	57	71	82	89	86	75	62	50	38	30	28	34	45	58	70	78	80	73	62	51
FRI	24	◐	39	32	32	40	53	65	78	87	89	81	68	54	42	32	26	27	36	48	61	72	79	78	71	60
SAT	25		49	39	35	37	48	60	73	83	89	87	75	60	47	35	27	23	27	38	50	63	73	78	76	69
SUN	26		59	49	41	39	44	55	67	78	86	89	82	68	53	40	30	23	21	27	38	50	63	72	77	75
MON	27		68	60	50	44	44	50	61	71	81	87	87	78	63	48	36	26	20	19	26	36	50	61	71	75
TUE	28		74	69	61	53	49	49	54	63	72	81	85	84	75	60	46	34	24	19	18	24	34	47	59	69
JANUARY 2014																										
WED	29		75	75	71	64	57	52	51	55	62	71	78	83	82	74	60	46	34	25	19	17	21	31	45	57
THU	30		68	75	77	74	67	59	54	51	53	58	66	74	81	82	75	63	49	37	27	19	16	19	29	43
FRI	31	●	56	69	77	80	77	69	60	53	48	48	52	61	70	79	82	77	66	53	40	29	20	15	18	29
			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

MELBOURNE (WILLIAMSTOWN)

LAT 37°52'S LONG 144°55'E

EASTERN STANDARD TIME – PREDICTED TIDE HEIGHTS IN CMS

FEBRUARY 2014

			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
FEBRUARY 2014																										
SAT	1		42	56	71	80	83	79	70	59	50	43	41	45	56	67	78	83	80	70	57	43	32	21	16	19
SUN	2		31	44	60	74	84	86	79	68	56	45	37	34	40	52	65	78	85	83	73	59	45	33	23	18
MON	3		22	35	49	65	79	88	87	77	64	51	40	31	29	37	49	65	78	87	85	74	60	46	34	25
TUE	4		21	28	41	55	71	85	91	86	74	60	46	34	26	26	36	49	65	79	88	85	74	60	46	34
WED	5		26	25	35	48	63	78	90	92	83	69	55	41	30	22	25	36	50	66	80	88	84	73	59	45
THU	6		35	28	30	42	55	70	83	93	90	79	65	50	37	25	20	26	37	52	67	81	87	82	71	57
FRI	7	◑	44	35	31	37	48	62	76	88	93	86	74	60	45	32	22	20	28	40	54	68	81	84	79	68
FEBRUARY 2014																										
SAT	8		55	44	37	35	43	55	68	80	89	90	81	68	54	40	28	20	22	30	43	56	69	80	82	76
SUN	9		66	54	45	39	41	49	60	72	82	88	85	75	62	48	36	26	20	24	33	45	58	70	78	79
MON	10		74	64	53	46	43	46	53	63	74	81	84	79	69	56	44	33	24	21	26	35	47	58	69	76
TUE	11		77	72	63	55	49	47	50	56	64	72	78	79	73	64	52	41	31	24	22	27	36	47	58	68
WED	12		74	76	72	64	56	51	49	51	55	62	69	74	75	70	61	50	40	31	25	23	27	35	46	57
THU	13		68	74	76	72	65	58	52	49	49	52	59	66	71	72	68	60	50	41	32	25	23	27	35	46
FRI	14		58	68	75	78	73	66	58	51	47	46	49	56	63	69	71	68	61	51	42	33	26	23	27	36
FEBRUARY 2014																										
SAT	15	○	48	60	71	78	79	73	64	55	48	42	41	46	54	63	70	72	70	62	52	42	32	25	23	28
SUN	16		39	51	64	74	81	79	71	61	51	42	37	37	45	54	65	72	75	71	62	52	41	31	25	24
MON	17		32	44	57	70	79	82	76	66	55	44	36	32	36	46	57	68	76	78	71	61	50	39	30	25
TUE	18		28	39	51	64	76	83	81	72	61	49	38	31	30	37	49	61	73	80	79	70	59	48	36	29
WED	19		27	34	46	59	72	82	85	78	66	54	42	32	27	30	41	53	66	77	83	79	68	56	44	34
THU	20		30	31	42	54	67	80	86	83	72	59	47	35	27	25	32	44	58	71	81	84	77	66	54	41
FRI	21		34	32	38	50	62	75	85	87	79	66	53	41	30	24	25	36	48	62	75	83	83	74	63	51
FEBRUARY 2014																										
SAT	22		40	34	36	45	58	70	82	88	85	73	59	46	34	25	21	26	39	52	66	77	83	80	72	61
SUN	23	◐	49	39	37	41	53	65	77	86	88	80	66	52	40	28	22	20	28	41	54	68	78	81	77	69
MON	24		58	47	41	41	48	60	70	81	87	86	75	60	46	34	24	19	20	30	42	56	68	77	79	75
TUE	25		67	57	47	43	44	53	64	74	83	87	83	71	56	42	31	22	18	21	31	43	56	67	75	77
WED	26		73	66	56	49	45	47	55	64	74	82	85	80	69	55	41	30	22	19	21	30	42	54	65	74
THU	27		76	73	66	57	50	47	48	54	62	71	78	82	79	69	56	43	32	25	20	21	28	40	52	64
FRI	28		73	76	74	68	59	51	47	45	49	56	65	73	79	79	72	60	48	37	28	22	22	27	38	50
			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

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Datum of Predictions is Chart Datum

● **New Moon** ◑ **First Quarter** ○ **Full Moon** ◐ **Last Quarter**

MELBOURNE (WILLIAMSTOWN)

LAT 37°52'S LONG 144°55'E

EASTERN STANDARD TIME – PREDICTED TIDE HEIGHTS IN CMS

MARCH 2014

			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
MARCH 2014																										
SAT	1	●	63	73	78	77	70	60	51	44	41	42	48	59	69	78	80	76	65	53	42	32	24	22	26	38
SUN	2		50	64	75	81	79	71	60	49	40	35	34	42	53	66	77	82	80	71	58	46	35	26	23	28
MON	3		40	52	67	79	84	80	70	57	46	35	29	28	38	50	65	78	86	84	74	61	48	37	28	25
TUE	4		31	44	57	72	83	86	79	67	54	41	31	23	25	37	50	66	80	88	86	76	62	49	37	30
WED	5		27	37	49	64	78	87	87	77	64	50	37	26	20	25	37	52	68	83	90	86	75	61	48	37
THU	6		30	32	43	55	71	83	90	86	74	60	45	32	22	18	27	40	55	71	85	90	85	73	59	46
FRI	7		37	32	37	49	62	77	88	91	83	70	55	41	29	20	20	31	44	59	74	87	89	82	70	56
MARCH 2014																										
SAT	8	◑	44	36	34	43	54	68	81	90	89	78	65	51	37	26	19	23	35	48	63	77	87	86	78	66
SUN	9		53	43	37	39	48	60	73	84	89	84	73	59	46	33	23	20	27	39	53	66	79	85	83	74
MON	10		62	50	42	39	44	53	65	76	84	85	78	67	53	41	30	22	23	31	43	57	68	79	82	79
TUE	11		70	58	49	43	43	48	57	67	76	82	80	72	61	48	37	28	23	26	35	46	59	69	77	79
WED	12		75	67	57	49	45	46	51	59	68	74	78	75	67	56	45	36	28	25	29	37	48	59	69	75
THU	13		77	73	65	56	50	46	48	51	58	65	71	73	71	64	55	45	36	30	28	31	38	48	58	68
FRI	14		74	75	72	64	56	50	47	46	49	55	61	67	70	69	63	55	46	39	33	30	32	38	48	58
MARCH 2014																										
SAT	15		67	74	75	72	64	56	49	44	43	45	51	58	65	70	70	65	58	49	41	35	31	32	39	49
SUN	16		59	69	75	76	71	63	54	46	40	38	40	48	57	66	72	73	69	60	52	43	36	32	33	40
MON	17	○	51	62	72	78	77	70	60	50	41	34	33	38	48	58	69	75	77	71	63	53	44	36	32	35
TUE	18		44	55	67	77	80	76	66	56	44	35	29	29	38	50	62	73	80	80	73	63	53	42	36	33
WED	19		39	49	61	73	81	82	73	62	50	38	29	25	29	41	54	68	79	85	82	73	62	51	41	35
THU	20		36	45	56	68	80	85	80	69	56	44	32	25	23	32	45	59	74	84	88	82	72	60	48	39
FRI	21		36	40	51	62	76	85	86	77	63	51	38	28	22	24	36	50	65	79	88	88	81	69	57	45
MARCH 2014																										
SAT	22		39	38	46	58	69	82	88	84	72	58	45	33	24	21	26	40	54	70	82	89	87	78	66	53
SUN	23		43	40	42	53	64	76	86	88	80	66	53	40	29	22	21	30	44	58	73	84	88	84	75	63
MON	24	◐	50	43	41	47	59	69	81	88	86	75	61	48	36	26	20	22	34	47	62	75	84	86	81	71
TUE	25		59	48	43	44	52	63	73	84	88	83	71	57	44	32	24	20	25	37	50	64	76	83	83	77
WED	26		67	56	47	44	46	55	65	75	83	86	80	68	54	41	31	24	22	28	39	52	65	76	82	81
THU	27		74	64	54	47	44	46	55	64	74	81	84	78	67	54	42	32	26	24	30	40	53	65	75	81
FRI	28		79	73	63	53	46	43	44	51	60	70	77	81	78	69	57	46	36	29	27	32	40	52	64	74
MARCH 2014																										
SAT	29		80	79	73	63	53	45	40	40	44	53	64	73	79	79	73	62	51	41	34	31	33	40	51	63
SUN	30		74	81	81	74	64	53	44	37	34	37	46	58	69	79	82	78	69	58	47	39	34	33	40	51
MON	31	●	63	75	82	82	75	64	52	41	32	28	31	42	54	68	80	86	83	75	63	52	42	36	34	41
			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

MELBOURNE (WILLIAMSTOWN)

LAT 37°52'S LONG 144°55'E

EASTERN STANDARD TIME – PREDICTED TIDE HEIGHTS IN CMS

APRIL 2014

			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
APRIL 2014																										
TUE	1		52	65	77	84	84	75	62	49	38	28	23	27	40	53	69	82	90	87	78	66	54	44	37	35
WED	2		44	56	69	81	87	84	73	59	46	34	24	20	27	41	55	72	85	93	89	79	66	54	44	37
THU	3		38	48	60	74	85	89	82	70	56	42	30	22	20	30	44	59	76	89	94	89	77	64	52	43
FRI	4		37	42	53	66	79	88	89	79	66	52	38	27	20	23	35	49	65	80	92	94	87	74	60	49
SAT	5		41	38	46	58	71	84	90	87	76	62	48	35	25	20	27	40	55	70	84	94	92	83	70	57
SUN	6		46	40	41	51	62	76	86	90	83	71	57	44	32	23	22	33	46	61	75	87	93	89	78	65
MON	7	◑	53	44	41	46	55	67	79	86	86	78	66	53	40	29	23	27	38	52	66	78	88	90	84	73
APRIL 2014																										
TUE	8		60	50	43	43	50	59	71	80	85	82	72	60	48	36	28	25	32	44	57	70	81	87	86	79
WED	9		67	56	48	44	46	53	62	72	79	81	76	66	55	44	34	28	29	37	48	61	72	81	85	82
THU	10		74	63	53	47	45	48	55	63	71	76	77	71	62	52	42	35	30	33	41	52	63	73	81	82
FRI	11		78	70	60	51	46	45	48	54	62	69	73	73	69	61	52	43	37	35	38	44	54	64	73	79
SAT	12		80	75	67	57	50	45	44	46	51	59	66	71	72	68	62	54	47	41	39	41	46	55	65	73
SUN	13		78	79	74	65	56	48	42	40	42	48	56	64	70	73	71	66	58	51	45	42	43	47	56	65
MON	14		73	79	78	73	63	53	45	38	35	37	45	55	64	72	76	76	70	63	55	48	44	44	48	57
APRIL 2014																										
TUE	15	○	66	75	80	79	71	61	50	40	33	30	34	44	55	67	76	82	81	75	66	58	50	45	44	50
WED	16		60	70	79	82	79	69	57	46	35	28	26	32	45	58	71	82	87	85	77	68	58	49	45	45
THU	17		53	63	74	83	84	77	65	53	41	30	24	24	34	49	63	77	88	91	87	78	67	56	48	44
FRI	18		48	58	68	80	87	85	74	61	48	36	26	22	25	39	53	68	83	92	94	88	77	64	53	47
SAT	19		45	52	62	73	85	89	83	71	57	44	32	24	21	28	43	58	74	87	95	94	86	74	61	51
SUN	20		46	47	56	66	79	88	90	81	67	53	41	29	22	22	33	48	63	79	90	96	92	83	70	57
MON	21		49	46	50	60	70	83	90	88	77	63	50	38	27	22	24	38	52	67	82	92	94	89	78	65
APRIL 2014																										
TUE	22	◐	54	47	46	53	63	74	85	90	86	74	60	47	35	27	23	29	43	56	71	84	92	92	85	73
WED	23		61	51	46	47	55	64	76	85	89	83	71	58	45	34	27	26	34	47	60	75	85	91	89	81
THU	24		69	57	48	44	47	55	65	76	83	86	80	70	57	45	35	29	30	39	50	64	76	86	90	86
FRI	25		76	65	53	46	42	45	53	62	73	81	84	79	70	58	47	38	33	34	42	53	66	77	86	89
SAT	26		84	74	62	51	43	39	41	48	58	69	77	82	80	73	62	51	43	38	39	45	55	67	77	86
SUN	27		88	83	72	60	49	41	36	36	42	53	64	75	82	83	77	68	58	49	44	43	46	55	66	77
MON	28		86	87	82	72	60	48	38	32	30	36	48	60	73	83	86	83	74	64	55	48	45	47	55	66
APRIL 2014																										
TUE	29	●	77	86	88	82	71	58	46	35	28	26	32	45	58	73	85	91	88	80	69	59	51	46	47	56
WED	30		66	78	86	88	81	70	56	44	32	25	23	32	45	60	76	89	95	92	83	71	61	52	46	48
			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

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Bureau of Meteorology **National Tidal Centre**

Datum of Predictions is Chart Datum

● **New Moon** ◑ **First Quarter** ○ **Full Moon** ◐ **Last Quarter**

MELBOURNE (WILLIAMSTOWN)

LAT 37°52'S LONG 144°55'E

EASTERN STANDARD TIME – PREDICTED TIDE HEIGHTS IN CMS

MAY 2014

			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
MAY 2014																										
THU	1		57	68	80	88	88	80	67	53	41	29	23	23	35	48	64	80	93	97	93	82	70	59	51	45
FRI	2		50	60	72	83	89	87	77	64	50	37	27	22	26	40	53	69	84	96	98	92	80	67	57	49
SAT	3		46	53	63	76	86	90	85	74	60	46	34	26	23	32	45	60	75	89	98	97	88	75	63	53
SUN	4		46	47	56	67	80	88	90	82	70	56	43	32	25	26	38	52	67	81	93	99	94	83	70	58
MON	5		50	45	50	59	71	83	89	87	78	65	52	40	30	26	31	45	58	73	86	96	97	90	77	64
TUE	6		54	47	46	53	62	74	84	88	83	73	60	48	37	29	28	38	51	65	79	89	96	93	84	71
WED	7	◑	59	51	46	48	56	65	76	83	85	78	67	56	45	35	30	33	44	57	71	83	92	94	88	77
MAY 2014																										
THU	8		65	55	48	46	50	58	67	77	82	81	73	63	52	42	35	33	39	51	63	76	86	92	90	82
FRI	9		71	60	51	45	46	51	59	68	76	79	77	70	60	51	42	37	38	46	56	68	79	87	90	86
SAT	10		77	66	55	47	43	45	51	58	67	74	77	75	68	60	51	45	41	44	51	60	71	81	87	88
SUN	11		82	72	61	51	44	41	43	48	57	65	72	76	75	70	63	55	49	47	49	55	63	73	81	86
MON	12		86	79	69	58	48	41	38	39	45	54	64	72	77	77	74	67	60	54	52	53	57	65	73	81
TUE	13		85	84	76	66	54	45	37	33	35	42	53	63	73	80	82	79	72	65	59	55	55	58	65	74
WED	14		81	86	83	75	63	51	41	33	29	31	40	53	65	76	84	87	84	77	69	62	57	55	58	66
MAY 2014																										
THU	15	○	75	83	87	83	73	60	48	38	29	25	28	40	54	68	81	90	92	89	80	71	62	56	54	59
FRI	16		68	77	86	89	83	71	57	45	34	25	22	28	43	57	72	86	95	96	91	81	70	61	55	54
SAT	17		60	70	80	89	90	82	69	55	42	31	23	22	30	46	61	77	91	98	98	91	79	68	58	53
SUN	18		53	62	72	83	92	91	81	66	52	40	29	22	23	35	50	66	82	94	100	98	88	75	64	55
MON	19		51	54	64	74	87	93	90	79	64	50	38	28	23	26	40	55	71	86	97	101	95	84	71	59
TUE	20		52	49	55	65	76	88	93	89	77	63	49	37	28	24	31	46	60	76	90	99	99	92	79	66
WED	21	◐	55	49	48	56	65	78	88	92	87	75	62	49	37	29	28	37	51	65	80	93	99	96	87	74
MAY 2014																										
THU	22		61	51	45	47	55	65	77	86	90	85	74	61	49	38	32	33	44	56	71	84	95	98	93	82
FRI	23		68	56	47	42	45	53	64	75	84	88	83	73	61	50	40	36	39	50	62	76	87	96	96	89
SAT	24		77	64	52	43	39	42	50	61	72	82	86	83	74	63	52	44	41	45	54	66	79	89	96	94
SUN	25		85	73	60	48	40	36	38	46	58	69	80	85	84	77	67	57	50	47	50	58	69	80	89	95
MON	26		92	82	70	57	46	37	32	34	42	54	66	79	86	87	81	72	62	55	52	53	59	69	79	89
TUE	27		93	90	80	68	55	43	34	28	30	39	52	65	78	88	90	86	77	68	60	56	55	59	69	78
WED	28		88	92	88	79	66	53	41	31	26	27	37	51	65	80	90	94	90	82	72	64	57	55	58	68
MAY 2014																										
THU	29	●	77	87	90	87	77	64	51	39	29	24	27	39	52	67	82	94	98	93	83	73	64	57	53	58
FRI	30		68	78	87	90	85	75	62	48	37	27	24	29	42	56	72	86	97	99	93	82	72	62	55	52
SAT	31		59	68	80	88	89	83	72	58	46	34	26	25	34	48	62	77	91	100	99	91	79	68	59	52
			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

MELBOURNE (WILLIAMSTOWN)

LAT 37°52'S LONG 144°55'E

EASTERN STANDARD TIME – PREDICTED TIDE HEIGHTS IN CMS

JUNE 2014

			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
JUNE 2014																										
SUN	1		52	60	71	83	89	89	80	68	55	43	32	26	28	40	54	68	83	95	101	97	86	74	63	55
MON	2		50	53	62	74	85	89	87	77	64	51	40	31	27	34	47	61	76	88	98	100	92	81	68	58
TUE	3		51	49	55	65	77	86	89	84	72	60	48	37	30	30	41	54	68	82	93	100	96	87	74	62
WED	4		53	48	50	58	67	79	86	87	79	68	56	45	36	31	36	48	61	76	88	97	98	91	80	67
THU	5		57	49	47	52	60	70	80	85	84	75	64	53	42	35	34	43	55	69	82	92	98	95	85	73
FRI	6	◑	61	51	46	46	53	62	72	80	84	80	71	61	50	41	37	39	50	62	76	88	95	97	90	78
SAT	7		66	55	47	43	47	54	63	73	80	82	77	68	59	49	43	41	46	57	69	82	91	96	94	84
JUNE 2014																										
SUN	8		71	59	49	42	41	46	53	64	73	79	80	76	68	59	51	46	46	53	64	75	85	93	95	89
MON	9		78	65	53	44	39	38	44	52	63	72	79	80	76	70	62	55	51	52	59	68	78	87	92	92
TUE	10		85	72	60	49	40	35	35	41	50	62	72	79	81	79	74	66	60	57	58	63	70	79	87	91
WED	11		90	81	69	56	45	37	31	32	37	49	61	72	80	84	83	79	72	65	61	61	65	71	79	86
THU	12		90	88	79	66	53	42	33	27	28	35	47	61	73	83	88	88	84	76	69	64	62	64	70	79
FRI	13	○	86	91	88	78	64	51	40	31	24	25	33	47	62	75	87	93	93	88	79	71	64	61	62	69
SAT	14		78	86	92	88	78	64	50	38	28	22	23	33	49	64	79	91	97	96	89	79	69	61	58	60
JUNE 2014																										
SUN	15		68	77	88	93	89	78	63	49	37	27	21	23	36	52	67	83	94	100	97	88	77	66	58	54
MON	16		58	68	78	90	94	90	77	62	48	36	26	22	26	40	55	72	87	98	101	96	85	72	61	54
TUE	17		51	57	67	79	91	95	90	77	62	48	36	27	24	31	46	60	77	91	101	101	93	80	67	56
WED	18		49	47	56	66	79	90	95	89	76	62	48	37	29	27	37	51	66	82	95	103	99	89	75	62
THU	19		51	44	45	54	65	79	89	94	88	76	62	49	38	32	33	44	58	73	87	99	103	96	84	70
FRI	20	◐	57	47	40	43	52	64	77	87	92	86	75	63	50	40	36	39	51	64	79	92	101	101	91	78
SAT	21		64	52	42	37	41	50	63	75	86	90	85	75	63	52	43	40	46	57	71	84	95	102	97	87
JUNE 2014																										
SUN	22		73	59	47	38	34	39	48	61	73	84	88	85	76	65	54	48	46	52	63	76	87	97	100	94
MON	23		82	68	55	43	34	32	36	46	59	71	83	87	85	77	67	58	52	52	57	67	79	88	96	97
TUE	24		90	78	64	51	40	32	29	34	45	57	70	82	88	87	80	71	62	57	56	60	68	79	87	94
WED	25		94	86	74	61	49	38	29	27	32	44	56	70	82	89	90	84	75	67	61	59	61	67	77	85
THU	26		91	90	83	72	59	47	36	28	26	32	43	56	71	83	92	93	87	78	70	63	59	60	66	74
FRI	27	●	83	89	88	81	70	57	45	34	27	25	32	45	58	73	86	94	95	89	79	70	63	58	57	64
SAT	28		73	82	87	86	79	68	55	43	32	26	26	35	48	62	76	89	97	96	88	78	68	60	55	55
JUNE 2014																										
SUN	29		63	72	82	87	85	77	65	53	41	31	26	28	39	52	67	81	93	98	95	85	74	64	56	52
MON	30		55	63	74	84	87	84	74	62	50	38	30	27	33	45	58	73	86	96	98	91	80	69	59	52
			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

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Bureau of Meteorology **National Tidal Centre**

Datum of Predictions is Chart Datum

● **New Moon** ◑ **First Quarter** ○ **Full Moon** ◐ **Last Quarter**

MELBOURNE (WILLIAMSTOWN)

LAT 37°52'S LONG 144°55'E

EASTERN STANDARD TIME – PREDICTED TIDE HEIGHTS IN CMS

JULY 2014

			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
JULY 2014																										
TUE	1		50	56	65	76	85	87	82	71	58	47	36	30	30	39	52	66	80	91	98	95	86	74	63	54
WED	2		48	49	57	67	79	85	86	79	67	55	44	35	31	35	46	60	74	87	96	98	90	79	67	56
THU	3		49	45	51	59	70	81	86	84	75	63	52	41	35	33	41	54	68	82	93	98	95	84	72	60
FRI	4		50	44	45	52	62	73	82	86	81	71	60	49	40	36	38	50	62	76	89	97	98	89	77	65
SAT	5	◑	53	45	41	45	54	64	75	83	84	78	68	57	47	40	39	45	58	70	84	94	99	94	82	69
SUN	6		57	47	40	39	46	55	67	76	83	83	76	66	56	47	42	44	53	66	78	90	97	97	88	75
MON	7		62	50	41	36	38	46	56	68	77	83	81	74	66	56	48	46	50	61	72	84	93	97	94	82
JULY 2014																										
TUE	8		68	55	44	36	33	37	45	57	68	77	82	80	75	67	58	52	51	57	67	77	87	94	96	89
WED	9		76	62	49	39	32	30	35	44	56	68	77	82	81	77	70	62	57	57	62	70	79	88	93	93
THU	10		85	72	57	45	36	29	27	32	42	55	67	77	83	83	80	74	66	62	61	65	71	79	87	92
FRI	11		91	83	69	55	43	34	27	24	29	39	53	66	77	84	86	84	78	70	65	62	64	69	77	84
SAT	12	○	90	90	82	69	55	42	33	25	22	26	37	52	66	79	87	90	88	80	72	65	61	61	65	74
SUN	13		82	89	91	83	70	56	43	32	23	20	25	38	52	67	81	90	94	90	81	71	63	57	56	61
MON	14		71	80	90	92	85	72	57	44	32	23	20	26	40	54	70	85	94	96	90	79	69	59	52	51
JULY 2014																										
TUE	15		58	68	80	90	93	87	73	58	45	33	24	22	29	44	58	75	89	98	97	88	76	64	53	47
WED	16		46	55	66	80	90	94	88	74	59	46	34	26	25	35	49	64	81	94	100	96	84	71	58	48
THU	17		41	42	52	64	79	90	94	88	74	60	47	35	29	30	42	55	71	86	98	101	93	80	66	53
FRI	18		42	36	40	50	63	78	89	94	87	74	60	47	37	32	36	49	62	78	92	102	100	89	75	61
SAT	19	◐	48	38	32	38	49	63	77	88	92	85	74	61	48	40	37	43	56	70	84	96	103	97	85	70
SUN	20		56	43	33	30	37	48	62	75	87	90	84	73	61	50	43	42	50	62	76	89	99	101	92	79
MON	21		65	51	39	30	29	37	48	62	75	86	88	83	73	61	52	47	48	56	68	81	91	99	97	87
JULY 2014																										
TUE	22		74	60	47	36	28	29	37	49	61	74	84	87	82	73	62	55	51	53	61	71	83	91	96	92
WED	23		82	69	56	44	33	27	29	37	49	61	74	83	86	82	74	65	58	55	57	63	72	82	89	92
THU	24		87	78	65	53	41	31	26	29	37	49	61	74	83	87	83	76	67	61	58	59	63	71	79	86
FRI	25		88	83	74	62	51	39	30	26	28	37	49	61	74	83	88	85	78	70	63	59	58	61	68	76
SAT	26		83	84	81	72	61	49	38	30	25	28	37	49	62	75	85	90	87	79	71	63	58	55	58	65
SUN	27	●	73	80	82	79	71	60	48	37	29	25	28	39	51	65	78	88	91	87	78	69	61	54	51	55
MON	28		63	72	80	82	79	70	58	47	36	28	26	31	43	55	70	82	91	92	85	75	65	56	50	48
JULY 2014																										
TUE	29		54	63	73	81	83	78	68	56	45	35	28	27	36	48	61	75	87	93	90	81	70	59	50	45
WED	30		46	54	65	76	82	83	76	65	53	42	33	29	31	42	55	69	82	91	93	86	75	63	52	45
THU	31		42	47	56	68	78	84	83	74	62	50	40	33	31	38	50	63	77	88	94	90	80	68	56	46
			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

MELBOURNE (WILLIAMSTOWN)

LAT 37°52'S LONG 144°55'E

EASTERN STANDARD TIME – PREDICTED TIDE HEIGHTS IN CMS

AUGUST 2014

			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
AUGUST 2014																										
FRI	1		40	41	49	60	72	81	85	81	70	58	47	38	33	35	46	58	72	85	93	94	85	73	61	49
SAT	2		41	37	42	52	63	75	83	85	78	67	56	45	37	36	41	54	67	81	91	96	91	78	66	53
SUN	3		42	36	35	44	55	67	78	84	84	75	64	53	43	38	40	49	62	75	87	95	95	85	71	58
MON	4	◑	46	37	32	36	46	57	70	79	85	81	73	62	52	43	41	46	58	70	82	92	96	91	77	63
TUE	5		51	40	32	30	37	48	59	71	80	83	79	71	61	51	45	45	53	65	77	88	94	95	85	70
WED	6		56	44	34	29	29	37	48	61	72	80	82	78	70	61	53	49	51	60	71	81	90	94	91	79
THU	7		64	50	39	30	26	28	36	47	60	71	79	81	77	71	63	55	53	55	64	74	83	90	93	88
AUGUST 2014																										
FRI	8		75	60	47	35	28	24	26	34	46	59	70	78	81	78	72	65	58	56	58	65	73	82	88	90
SAT	9		85	73	59	46	35	27	22	24	32	44	57	69	78	82	81	75	67	61	57	57	62	69	78	85
SUN	10		88	85	74	61	47	36	27	21	22	29	42	55	69	79	84	84	78	69	62	56	54	57	64	73
MON	11	○	81	88	86	77	64	50	38	28	21	21	28	42	55	70	82	87	86	79	69	60	52	49	50	58
TUE	12		68	79	88	88	80	67	53	41	30	22	21	29	43	58	73	85	91	88	79	67	56	47	42	43
WED	13		53	65	78	88	90	83	70	55	43	31	24	24	33	47	62	78	89	94	88	76	63	51	41	36
THU	14		39	50	63	78	89	92	85	72	57	44	33	27	27	39	53	69	84	94	95	86	72	58	46	36
AUGUST 2014																										
FRI	15		31	36	48	63	78	89	93	85	72	57	44	35	30	33	46	60	76	89	98	94	83	68	54	41
SAT	16		31	27	35	48	63	78	90	92	84	71	57	45	37	33	39	53	67	82	94	99	92	79	64	49
SUN	17	◐	37	27	26	36	48	64	78	90	91	83	70	57	45	38	37	46	59	74	87	97	98	88	74	59
MON	18		45	33	25	27	37	50	64	78	89	88	81	68	56	46	41	42	53	65	79	90	98	94	83	69
TUE	19		55	41	30	24	29	39	52	65	78	87	85	78	66	55	47	43	48	58	70	82	91	95	89	77
WED	20		64	50	38	28	25	31	41	54	66	78	84	83	76	65	55	49	47	53	62	73	83	90	90	83
THU	21		72	59	46	35	27	26	32	43	55	66	77	82	81	74	65	57	51	51	56	64	73	81	86	85
AUGUST 2014																										
FRI	22		78	67	55	44	33	27	27	33	43	55	66	76	81	80	74	65	58	54	54	57	63	71	78	82
SAT	23		80	74	64	53	42	33	28	28	33	43	55	66	76	81	80	74	67	60	55	54	55	60	67	74
SUN	24		78	77	72	63	52	42	33	28	28	33	43	55	67	76	82	81	75	67	60	54	51	51	56	63
MON	25		71	76	76	72	63	53	43	34	28	27	33	44	56	69	78	84	82	75	66	57	51	46	47	53
TUE	26	●	61	70	76	77	73	63	53	43	33	28	28	36	47	60	72	82	86	81	72	62	53	45	41	44
WED	27		52	62	72	78	79	73	63	52	42	33	28	30	40	52	66	78	85	86	78	68	57	46	39	37
THU	28		43	53	65	75	81	81	72	61	50	40	32	29	35	47	59	73	83	88	83	73	61	50	40	34
AUGUST 2014																										
FRI	29		36	45	57	69	79	84	81	70	59	48	38	32	33	42	54	67	80	88	88	79	67	55	43	35
SAT	30		31	37	49	61	74	83	85	79	68	56	44	37	34	38	50	62	76	87	91	85	73	60	48	37
SUN	31		30	31	41	53	66	78	86	85	76	65	53	42	37	37	45	58	70	83	91	90	79	66	53	41
			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

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Bureau of Meteorology **National Tidal Centre**

Datum of Predictions is Chart Datum

● **New Moon** ◑ **First Quarter** ○ **Full Moon** ◐ **Last Quarter**

MELBOURNE (WILLIAMSTOWN)

LAT 37°52'S LONG 144°55'E

EASTERN STANDARD TIME – PREDICTED TIDE HEIGHTS IN CMS

SEPTEMBER 2014

			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
SEPTEMBER 2014																										
MON	1		32	28	32	45	57	71	81	86	83	73	62	50	41	38	42	53	65	78	89	93	86	73	59	47
TUE	2	◑	35	28	27	35	48	61	74	83	85	80	70	59	48	41	41	48	61	72	84	92	91	80	66	52
WED	3		40	31	26	27	38	50	64	75	83	83	77	68	57	47	43	45	56	67	78	88	92	87	74	59
THU	4		46	35	27	24	28	40	52	65	75	82	80	74	66	56	48	46	50	61	72	82	89	91	83	69
FRI	5		54	41	31	25	23	29	40	52	65	75	80	78	73	64	55	49	48	54	63	73	83	88	88	79
SAT	6		66	52	39	30	24	23	29	39	52	64	74	79	78	72	64	56	51	50	54	62	71	80	85	86
SUN	7		78	66	52	40	31	25	23	28	37	50	62	73	79	79	74	65	57	51	49	51	57	66	75	82
SEPTEMBER 2014																										
MON	8		84	79	69	56	44	34	26	23	27	36	48	61	73	80	81	75	67	57	50	45	46	50	59	69
TUE	9	○	79	84	82	73	61	48	37	29	24	26	35	48	61	74	82	83	77	67	56	47	40	39	42	53
WED	10		65	77	85	85	78	66	53	41	31	26	27	36	50	64	77	85	86	78	66	54	43	35	32	36
THU	11		49	62	77	86	89	82	70	56	43	33	28	29	40	53	68	82	89	87	77	63	50	38	30	26
FRI	12		34	47	62	78	89	92	84	71	57	44	35	30	33	45	59	74	87	92	87	74	60	46	34	25
SAT	13		23	34	48	63	79	91	92	84	71	56	44	36	32	38	51	65	80	91	94	84	71	56	42	30
SUN	14		22	23	36	50	66	81	92	91	82	69	55	44	37	35	44	57	72	85	94	93	81	67	52	38
SEPTEMBER 2014																										
MON	15		27	20	26	39	53	68	82	92	89	80	66	53	43	37	39	50	63	77	89	95	89	77	63	48
TUE	16	◐	35	25	21	30	42	56	70	83	90	86	76	63	51	43	39	44	55	68	81	90	92	84	72	58
WED	17		44	32	24	24	34	46	59	72	84	87	83	72	60	50	43	42	49	59	72	82	89	88	78	66
THU	18		53	41	30	24	28	37	49	62	73	82	84	79	68	57	49	44	46	53	62	73	82	86	82	73
FRI	19		61	49	38	29	26	31	40	52	63	74	81	81	75	65	56	49	46	49	55	64	73	79	81	76
SAT	20		68	57	46	37	29	28	33	42	53	64	73	79	78	73	64	56	50	48	50	55	62	70	75	76
SUN	21		73	65	55	46	37	31	30	35	43	53	63	72	77	77	71	63	56	50	48	49	52	59	66	71
SEPTEMBER 2014																										
MON	22		73	71	65	56	47	39	33	32	35	43	53	63	72	77	77	71	63	55	49	45	45	48	55	62
TUE	23		69	73	72	66	58	49	41	35	32	35	43	54	64	73	78	77	70	62	53	46	41	40	44	53
WED	24	●	61	70	75	75	69	60	51	42	35	33	36	45	56	67	76	80	77	68	58	49	40	35	35	42
THU	25		52	63	73	78	78	71	61	51	42	35	33	38	49	60	72	80	82	75	65	54	43	34	30	33
FRI	26		43	55	67	78	83	80	72	61	50	41	35	35	43	54	66	78	84	81	72	60	48	36	29	27
SAT	27		34	47	60	73	83	86	81	70	59	48	39	35	38	49	61	74	83	86	79	67	54	42	31	25
SUN	28		26	38	52	66	79	87	87	79	68	56	45	38	37	44	56	68	81	87	85	74	61	48	36	27
SEPTEMBER 2014																										
MON	29		23	29	43	57	72	83	89	86	77	65	52	42	38	40	51	62	75	86	89	82	68	55	42	31
TUE	30		24	23	33	48	62	76	86	89	84	74	61	49	41	40	46	57	68	81	89	88	77	62	49	37
			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

MELBOURNE (WILLIAMSTOWN)

LAT 37°52'S LONG 144°55'E

EASTERN STANDARD TIME – PREDICTED TIDE HEIGHTS IN CMS

OCTOBER 2014

			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
OCTOBER 2014																										
WED	1		27	22	25	38	52	66	79	87	87	80	70	57	47	42	43	52	63	74	85	90	84	71	57	44
THU	2	◑	33	25	22	28	42	55	69	80	86	84	77	66	54	45	43	46	57	67	79	87	88	80	66	52
FRI	3		40	30	23	23	32	45	58	71	80	84	80	73	62	51	45	44	50	60	70	81	86	86	76	62
SAT	4		49	37	28	23	25	35	47	60	71	80	82	78	69	59	50	45	45	51	61	70	80	84	83	73
SUN	5		61	48	37	29	25	27	36	47	60	71	79	81	76	67	57	49	44	44	49	57	67	76	81	81
MON	6		74	63	51	40	32	28	29	36	47	59	70	78	80	76	67	57	48	42	41	44	51	62	71	78
TUE	7		81	76	67	56	45	36	31	31	36	46	58	69	79	81	77	68	57	47	40	36	37	44	55	66
OCTOBER 2014																										
WED	8	○	77	82	81	73	62	51	41	34	32	36	46	58	70	80	83	78	68	56	45	36	30	30	37	50
THU	9		63	76	84	86	79	68	56	45	37	33	36	47	59	72	82	85	79	68	55	43	32	25	24	33
FRI	10		47	62	77	87	90	83	72	58	47	38	34	38	49	62	76	85	87	79	66	52	39	28	21	21
SAT	11		33	48	64	79	91	92	85	72	59	47	39	35	41	53	67	80	88	88	77	64	49	35	25	18
SUN	12		22	36	50	67	82	93	93	84	71	57	46	39	36	45	58	72	84	91	87	75	60	45	32	22
MON	13		18	26	40	55	71	86	94	92	81	67	54	44	38	39	50	62	77	88	91	84	71	56	42	30
TUE	14		21	20	31	45	60	75	88	94	89	77	63	51	42	38	43	54	67	81	89	90	80	67	52	39
OCTOBER 2014																										
WED	15		28	21	24	37	50	65	78	89	91	85	72	59	48	41	39	47	58	71	82	88	85	75	62	48
THU	16	◐	36	27	23	30	42	55	69	80	89	88	79	67	55	46	41	42	51	61	73	82	85	80	69	57
FRI	17		45	34	26	26	35	47	60	72	82	87	83	74	62	52	45	42	46	54	64	74	80	81	74	64
SAT	18		53	42	33	28	31	40	51	63	73	81	83	78	69	58	50	44	43	48	55	64	72	77	76	70
SUN	19		60	50	40	33	31	35	44	54	65	74	80	80	74	65	55	48	43	44	48	55	63	69	73	72
MON	20		67	59	49	41	36	35	39	46	56	66	74	79	77	71	62	53	46	42	43	46	52	60	66	71
TUE	21		71	67	60	52	45	39	38	41	47	56	66	73	77	76	69	60	51	44	40	39	42	49	57	64
OCTOBER 2014																										
WED	22		70	72	70	63	55	48	43	41	42	48	57	66	74	77	75	68	58	49	41	36	34	38	46	55
THU	23		65	72	76	74	67	59	52	45	42	42	48	58	67	75	78	75	66	56	45	36	30	29	35	45
FRI	24	●	56	68	77	81	78	71	62	53	45	42	42	50	60	70	78	80	74	64	52	41	31	25	25	34
SAT	25		47	60	73	82	85	81	73	62	52	44	41	44	53	64	75	82	81	72	60	48	36	26	21	24
SUN	26		37	51	66	79	87	89	82	72	60	50	43	41	47	58	69	80	84	80	69	55	43	31	22	20
MON	27		27	42	56	72	84	91	90	81	69	57	47	42	42	52	62	74	84	86	78	64	51	38	27	20
TUE	28		20	31	47	62	77	88	93	88	78	65	53	45	42	46	56	67	80	87	85	74	60	46	34	24
OCTOBER 2014																										
WED	29		19	23	37	52	67	82	91	92	86	74	61	50	43	42	50	60	72	84	88	83	70	56	42	31
THU	30		22	20	27	43	56	72	84	91	89	81	69	57	47	42	44	54	64	76	86	87	79	66	52	39
FRI	31	◑	29	22	22	33	47	61	75	85	90	86	76	64	52	45	42	46	57	66	78	85	85	75	62	49
			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

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Bureau of Meteorology **National Tidal Centre**

Datum of Predictions is Chart Datum

● **New Moon** ◑ **First Quarter** ○ **Full Moon** ◐ **Last Quarter**

MELBOURNE (WILLIAMSTOWN)

LAT 37°52'S LONG 144°55'E

EASTERN STANDARD TIME – PREDICTED TIDE HEIGHTS IN CMS

NOVEMBER 2014

			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
NOVEMBER 2014																										
SAT	1		37	28	23	26	38	51	65	77	86	87	82	71	59	49	42	41	48	57	68	78	84	82	73	60
SUN	2		48	37	29	26	31	42	55	68	78	86	85	78	67	55	45	40	40	47	56	67	76	81	80	72
MON	3		61	49	38	31	30	35	45	57	70	79	85	83	75	63	52	43	38	37	43	52	63	72	79	79
TUE	4		73	63	52	42	36	34	39	47	59	70	79	84	82	73	61	50	41	35	33	38	47	58	68	77
WED	5		80	77	68	58	48	41	38	41	48	59	69	79	84	81	72	60	49	39	31	28	31	41	53	65
THU	6		77	82	82	75	65	54	47	42	42	47	58	69	79	84	81	72	60	48	36	27	23	25	36	49
FRI	7	○	64	77	86	87	80	70	59	50	44	42	47	58	69	80	85	82	72	59	46	34	24	19	22	34
NOVEMBER 2014																										
SAT	8		49	64	79	89	91	84	73	61	51	44	41	48	59	70	81	86	82	71	58	44	31	21	17	22
SUN	9		36	51	68	83	93	93	86	73	61	51	43	41	49	61	73	84	87	81	69	55	41	29	20	17
MON	10		26	40	55	72	86	95	93	84	70	58	48	42	42	52	63	77	86	87	79	66	51	38	26	19
TUE	11		19	31	46	61	77	90	96	91	80	66	54	45	40	44	55	67	80	87	86	76	62	48	35	25
WED	12		19	24	38	52	67	81	92	94	87	74	61	50	42	40	47	57	71	82	87	83	71	58	45	33
THU	13		24	22	31	44	58	73	85	93	91	82	68	56	46	40	41	50	61	74	82	85	78	67	54	41
FRI	14		31	24	26	37	50	65	77	87	91	86	75	62	51	43	40	44	52	64	75	81	81	73	62	50
NOVEMBER 2014																										
SAT	15	◐	39	30	26	32	44	57	70	81	88	88	80	69	57	47	41	40	46	55	66	75	79	77	68	57
SUN	16		46	37	30	30	38	50	62	74	83	87	84	74	63	52	44	39	41	48	56	66	73	76	73	64
MON	17		55	45	37	33	35	44	55	67	77	84	85	79	68	57	47	41	38	41	47	56	65	71	73	70
TUE	18		63	54	46	39	37	41	49	59	69	78	83	82	74	64	53	44	38	36	40	46	55	63	69	72
WED	19		70	64	56	49	44	42	46	52	61	70	77	81	78	70	60	49	41	35	33	36	43	53	61	69
THU	20		72	72	67	60	54	49	47	49	54	62	70	77	80	76	67	57	46	38	31	29	32	40	51	61
FRI	21		70	75	76	72	65	58	53	50	50	54	62	70	77	79	75	65	54	44	34	27	25	29	39	51
NOVEMBER 2014																										
SAT	22	●	63	73	80	81	77	70	61	54	50	50	54	63	71	78	80	74	64	52	41	31	23	21	27	39
SUN	23		53	66	78	85	86	81	72	62	54	49	49	55	64	73	81	81	73	62	49	37	27	19	19	27
MON	24		42	56	71	83	90	89	82	71	61	52	47	48	56	66	76	83	82	72	59	46	34	23	17	18
TUE	25		30	46	61	77	88	93	90	81	69	57	49	45	49	58	68	80	86	82	71	56	43	31	21	16
WED	26		20	35	50	66	81	91	94	88	77	65	53	46	44	50	60	72	83	87	81	68	54	40	29	20
THU	27		17	25	40	55	72	85	93	93	85	72	59	49	43	43	52	62	75	85	87	79	66	51	38	27
FRI	28		20	20	31	46	61	76	88	94	90	80	67	54	45	41	43	53	64	77	86	86	77	64	49	37
NOVEMBER 2014																										
SAT	29	◑	27	22	24	37	51	66	80	90	92	86	74	61	49	42	38	44	53	65	77	85	84	75	62	49
SUN	30		37	28	25	30	44	57	71	83	91	90	81	68	56	45	38	36	43	53	65	76	83	82	73	61
			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

MELBOURNE (WILLIAMSTOWN)

LAT 37°52'S LONG 144°55'E

EASTERN STANDARD TIME – PREDICTED TIDE HEIGHTS IN CMS

DECEMBER 2014

			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
DECEMBER 2014																										
MON	1		49	38	30	29	37	49	62	75	85	91	87	76	63	51	41	34	34	41	51	63	73	81	80	73
TUE	2		62	50	40	35	35	43	54	67	78	87	90	83	72	59	46	37	31	31	38	48	60	71	79	79
WED	3		74	65	54	45	40	40	47	57	69	79	87	88	80	68	55	43	34	28	28	33	45	56	68	78
THU	4		80	77	69	59	50	45	45	50	58	69	78	86	86	78	66	54	42	32	25	24	29	41	53	66
FRI	5		77	83	81	74	64	56	50	48	50	58	68	77	84	84	77	65	53	40	30	22	20	26	38	51
SAT	6	○	66	79	86	86	79	69	60	53	49	49	56	66	76	83	83	76	65	52	39	28	20	18	25	38
SUN	7		52	68	81	89	89	82	71	61	53	48	47	55	65	76	83	83	75	64	50	38	26	18	17	26
DECEMBER 2014																										
MON	8		40	54	71	84	92	91	83	71	60	51	45	46	55	65	77	83	82	74	62	48	35	24	18	19
TUE	9		30	44	59	75	88	94	90	80	68	57	48	43	46	56	67	79	83	81	72	59	45	33	23	18
WED	10		23	36	50	65	79	91	94	87	75	63	52	44	41	47	57	70	80	84	80	68	55	42	30	22
THU	11		20	29	42	56	71	84	93	92	82	69	57	48	41	41	49	60	73	81	83	76	64	51	39	28
FRI	12		22	24	36	49	64	77	88	93	87	76	63	52	43	39	43	51	63	75	81	81	72	60	48	36
SAT	13		27	24	30	43	57	71	83	91	90	81	69	57	46	39	38	45	54	66	76	80	78	68	56	44
SUN	14	◐	34	28	28	38	51	64	77	87	91	85	74	62	50	41	36	39	47	56	68	76	79	74	63	52
DECEMBER 2014																										
MON	15		41	33	30	34	45	58	71	82	89	88	79	67	55	44	37	35	40	48	59	69	75	76	70	60
TUE	16		50	40	34	34	41	52	64	76	85	89	84	73	60	48	39	33	34	40	49	60	68	74	74	68
WED	17		59	50	42	38	40	48	58	70	79	86	86	78	66	54	43	35	30	33	39	49	59	68	73	73
THU	18		68	60	52	45	43	46	54	63	73	81	85	82	73	61	49	39	31	28	31	37	48	58	67	72
FRI	19		73	69	63	56	50	48	51	57	65	74	80	83	79	69	57	45	35	28	25	28	35	46	57	67
SAT	20		73	75	73	68	61	55	53	54	58	65	73	79	81	76	66	54	42	33	26	22	24	33	45	57
SUN	21		68	76	79	78	72	65	59	54	55	58	64	72	78	80	75	65	52	41	31	23	19	21	31	45
DECEMBER 2014																										
MON	22	●	58	71	80	84	82	76	67	59	54	53	56	63	71	79	81	75	64	51	39	29	20	16	19	31
TUE	23		46	60	74	84	88	85	77	67	58	51	50	54	62	71	80	83	76	64	51	38	28	18	15	20
WED	24		34	48	64	78	88	90	86	75	64	54	48	46	52	62	73	83	84	77	64	50	37	26	17	15
THU	25		22	37	52	69	82	91	91	83	71	60	49	43	43	52	62	75	84	86	78	64	49	37	25	17
FRI	26		17	27	42	57	74	87	93	90	79	66	54	44	39	41	51	62	76	85	86	77	63	49	36	25
SAT	27		19	21	34	48	64	79	90	93	87	74	61	48	39	35	40	50	63	77	86	86	76	63	48	36
SUN	28		26	22	27	41	54	70	84	93	92	82	69	55	43	35	32	39	49	63	76	85	85	75	62	48
DECEMBER 2014																										
MON	29	◑	36	28	26	34	47	62	76	88	94	89	77	63	49	38	30	29	38	49	63	75	84	83	74	62
TUE	30		49	38	32	32	41	54	68	81	90	93	84	72	58	44	34	27	28	36	48	62	73	82	81	73
WED	31		62	50	40	36	38	48	60	73	84	91	90	80	67	53	40	30	24	26	34	47	60	72	80	80
			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

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Datum of Predictions is Chart Datum

● **New Moon** ◑ **First Quarter** ○ **Full Moon** ◐ **Last Quarter**