



Local Time Australia/ New Zealand /UTC Time



UTC time can vary within Australia depending on whether it is winter or summer (i.e. Standard or Daylight Savings Time-Locally). Some States in Australia, do not implement Daylight Savings Time. These States are: WA, Queensland, & the Northern Territory. Other States using Daylight Savings Time include NSW, Australian Capital, and South Australia, including Victoria.

Abbreviations for Time Zones within Australia:

Australian Western Standard Time (AWST):	Western Australia
Australian Central Standard Time (ACST):	South Australia, Northern Territory
Australian Eastern Standard Time (AEST):	Queensland, New South Wales, Australian Capitol, Victoria, Tasmania

Australia's external territories follow their own time zones.

Territory	Standard	DST
Heard and McDonald Islands	UTC+05:00	no DST
Cocos (Keeling) Islands	UTC+06:30	no DST
Christmas Island CXT	UTC+07:00	no DST
Norfolk Island NFT	UTC+11:30	no DST
Australian Antarctic Territory – Mawson	UTC+06:00	no DST
Australian Antarctic Territory – Davis	UTC+07:00	no DST
Australian Antarctic Territory – Casey	UTC+08:00	no DST



SCANNING OCEAN SECTORS

WA		SA - Winter (ACST)		SA-Summer (DST)		Northern Territory		Queensland	
Local	UTC +8hrs	Local	UTC +9.5hrs	Local	UTC +10.5hrs	Local	UTC +9.5hrs	Local	UTC +10hrs
6:00	22:00	6:00	21:30	6:00	22:30	6:00	21:30	6:00	22:00
7:00	23:00	7:00	22:30	7:00	23:30	7:00	22:30	7:00	23:00
8:00	24:00:00	8:00	23:30:00	8:00	24:30:00	8:00	23:30:00	8:00	24:00:00
9:00	1:00	9:00	24:30:00	9:00	1:30	9:00	24:30:00	9:00	1:00
10:00	2:00	10:00	1:30	10:00	2:30	10:00	1:30	10:00	2:00
11:00	3:00	11:00	2:30	11:00	3:30	11:00	2:30	11:00	3:00
12:00	4:00	12:00	3:30	12:00	4:30	12:00	3:30	12:00	4:00
13:00	5:00	13:00	4:30	13:00	5:30	13:00	4:30	13:00	5:00
14:00	6:00	14:00	5:30	14:00	6:30	14:00	5:30	14:00	6:00
15:00	7:00	15:00	6:30	15:00	7:30	15:00	6:30	15:00	7:00
16:00	8:00	16:00	7:30	16:00	8:30	16:00	7:30	16:00	8:00
17:00	9:00	17:00	8:30	17:00	9:30	17:00	8:30	17:00	9:00
18:00	10:00	18:00	9:30	18:00	10:30	18:00	9:30	18:00	10:00
19:00	11:00	19:00	10:30	19:00	11:30	19:00	10:30	19:00	11:00
20:00	12:00	20:00	11:30	20:00	12:30	20:00	11:30	20:00	12:00
21:00	13:00	21:00	12:30	21:00	13:30	21:00	12:30	21:00	13:00
22:00	14:00	22:00	13:30	22:00	14:30	22:00	13:30	22:00	14:00
23:00	15:00	23:00	14:30	23:00	15:30	23:00	14:30	23:00	15:00
24:00:00	16:00	24:00:00	15:30	24:00:00	16:30	24:00:00	15:30	24:00:00	16:00
1:00	17:00	1:00	16:30	1:00	17:30	1:00	16:30	1:00	17:00
2:00	18:00	2:00	17:30	2:00	18:30	2:00	17:30	2:00	18:00
3:00	19:00	3:00	18:30	3:00	19:30	3:00	18:30	3:00	19:00
4:00	20:00	4:00	19:30	4:00	20:30	4:00	19:30	4:00	20:00
5:00	21:00	5:00	20:30	5:00	21:30	5:00	20:30	5:00	21:00
6:00	22:00	6:00	21:30	6:00	22:30	6:00	21:30	6:00	22:00

Local Time New Zealand and UTC Time. In New Zealand the entire country follows either Standard or Daylight Saving Times (Locally) depending on the time of year either Winter or Summer. This does affect the UTC Time. Please note other outer islands such as the Chatham & Cook Islands follow time schedules different from mainland New Zealand.

Abbreviations Time Zones in New Zealand:

New Zealand Standard Time (NZST)

New Zealand Daylight Savings Time (NZDT)

New Zealand - Winter (NZST)		New Zealand - Summer (NZDS)	
Local	UTC + 12hrs	Local	UTC +13hrs
6:00	18:00	6:00	17:00
7:00	19:00	7:00	18:00
8:00	20:00	8:00	19:00
9:00	21:00	9:00	20:00
10:00	22:00	10:00	21:00
11:00	23:00	11:00	22:00
12:00	24:00:00	12:00	23:00
13:00	1:00	13:00	24:00:00
14:00	2:00	14:00	1:00
15:00	3:00	15:00	2:00
16:00	4:00	16:00	3:00
17:00	5:00	17:00	4:00
18:00	6:00	18:00	5:00
19:00	7:00	19:00	6:00
20:00	8:00	20:00	7:00
21:00	9:00	21:00	8:00
22:00	10:00	22:00	9:00
23:00	11:00	23:00	10:00
24:00:00	12:00	24:00:00	11:00
1:00	13:00	1:00	12:00
2:00	14:00	2:00	13:00
3:00	15:00	3:00	14:00
4:00	16:00	4:00	15:00
5:00	17:00	5:00	16:00
6:00	18:00	6:00	17:00

Symbol	Precipitation	Symbol	Cloud cover	Symbol	Wind speed
	Drizzle		Clear sky		Calm
	Shower		One okta		1-2 knots
	Rain		Two oktas		5 knots
	Snow		Three oktas		10 knots
	Hail		Four oktas		15 knots
	Thunderstorm		Five oktas		20 knots
	Heavy rain		Six oktas		50 knots or more
	Sleet		Seven oktas		
	Snow shower		Eight oktas		
	Mist		Sky obscured		
	Fog				



SCANNING OCEAN SECTORS

Beaufort scale number	Descriptive term	Units in km/h	Units in knots	Description on Land	Description at Sea
0	Calm	0	0	Smoke rises vertically	Sea like a mirror.
1-3	Light winds	19 km/h or less	10 knots or less	Wind felt on face; leaves rustle; ordinary vanes moved by wind.	Small wavelets, ripples formed but do not break: A glassy appearance maintained.
4	Moderate winds	20 - 29 km/h	11-16 knots	Raises dust and loose paper; small branches are moved.	Small waves - becoming longer; fairly frequent white horses.
5	Fresh winds	30 - 39 km/h	17-21 knots	Small trees in leaf begin to sway; crested wavelets form on inland waters	Moderate waves, taking a more pronounced long form; many white horses are formed - a chance of some spray
6	Strong winds	40 - 50 km/h	22-27 knots	Large branches in motion; whistling heard in telephone wires; umbrellas used with difficulty.	Large waves begin to form; the white foam crests are more extensive with probably some spray
7	Near gale	51 - 62 km/h	28-33 knots	Whole trees in motion; inconvenience felt when walking against wind.	Sea heaps up and white foam from breaking waves begins to be blown in streaks along direction of wind.
8	Gale	63 - 75 km/h	34-40 knots	Twigs break off trees; progress generally impeded.	Moderately high waves of greater length; edges of crests begin to break into spindrift; foam is blown in well-marked streaks along the direction of the wind.
9	Strong gale	76 - 87 km/h	41-47 knots	Slight structural damage occurs -roofing dislodged; larger branches break off.	High waves; dense streaks of foam; crests of waves begin to topple, tumble and roll over; spray may affect visibility.
10	Storm	88 - 102 km/h	48-55 knots	Seldom experienced inland; trees uprooted; considerable structural damage.	Very high waves with long overhanging crests; the resulting foam in great patches is blown in dense white streaks; the surface of the sea takes on a white appearance; the tumbling of the sea becomes heavy with visibility affected.
11	Violent storm	103 - 117 km/h	56-63 knots	Very rarely experienced - widespread damage	Exceptionally high waves; small and medium sized ships occasionally lost from view behind waves; the sea is completely covered with long white patches of foam; the edges of wave crests are blown into froth.
12+	Hurricane	118 km/h or more	64 knots or more	Very rarely experienced - widespread damage	The air is filled with foam and spray. Sea completely white with driving spray; visibility very seriously affected