

ROADWAY DESIGN MANUAL – Roads and Bridges

Table 200.07
Summary of Datums Used In Abu Dhabi

<i>Reference Level</i>	<i>Admiralty Chart Datums Existing</i>		<i>Admiralty Chart Datums Corrected</i>		<i>Abu Dhabi Datums Old</i>		<i>Abu Dhabi Datums New</i>		<i>Sauti Datums</i>	
	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet
<i>Bench Mark on Plinth of ADPC Building</i>	3.20	10.50	3.50	11.48	2.15	7.05	2.20	7.22	1.90	6.23
<i>Mean Higher High Water at Springs near Solstices</i>	1.89	6.20	2.19	7.18	0.84	2.76	0.89	2.92	0.59	1.94
<i>Mean Higher High Water</i>	1.56	5.12	1.86	6.10	0.51	1.67	0.56	1.84	0.26	0.85
<i>Sauti Datums</i>	1.30	4.27	1.60	5.25	0.25	0.82	0.30	0.98	0.00	0.00
<i>Mean Lower High Water</i>	1.19	3.90	1.49	4.89	0.14	0.46	0.19	0.62	-0.11	-0.36
<i>Mean Sea Level</i>	0.95	3.12	1.25	4.10	-0.10	-0.33	-0.05	-0.16	-0.35	-1.15
<i>Abu Dhabi Old Datums</i>	1.05	3.44	1.35	4.43	0.00	0.00	0.05	0.16	-0.25	-0.82
<i>Abu Dhabi New Datums</i>	1.00	3.28	1.30	4.26	-0.05	-0.16	0.00	0.00	-0.30	-0.98
<i>Mean Higher Low Water</i>	0.80	2.62	1.10	3.61	-0.25	-0.82	-0.20	-0.66	-0.50	-1.64
<i>Mean Lower Low Water</i>	0.25	0.82	0.55	1.80	-0.80	-2.62	-0.75	-2.46	-1.05	-3.44
<i>Admiralty Chart Datums Existing</i>	0.00	0.00	0.30	0.98	-1.05	-3.44	-1.00	-3.28	-1.30	-4.27
<i>Mean Lower Low Water at Spring Near Solstices</i>	-0.18	-0.59	0.12	0.39	-1.23	-4.04	-1.18	-3.87	-1.48	-4.86
<i>Admiralty Chart Datums Corrected</i>	-0.30	-0.98	0.00	0.00	-1.35	-4.43	-1.30	-4.27	-1.60	-5.25