

**LEAST AVAILABLE DEPTHS IN CHAMPAKARA CANAL, UDYOGMANDAL CANAL AND WEST COAST CANAL (N.W. - 3)**  
**APRIL 2005 TO MARCH 2006**

**REDUCED DEPTH**  
**EXPECTED TIDAL VARIATION ABOVE LAD**

(Depth in mtrs.)

SL#	NAME OF THE BEAT (CHAINAGE IN kms.)	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
		2005		2005		2005		2005		2005		2005		2005		2005		2005		2006		2006		2006	
		I FN	II FN	I FN	II FN	I FN	II FN	I FN	II FN	I FN	II FN	I FN	II FN	I FN	II FN	I FN	II FN	I FN	II FN	I FN	II FN	I FN	II FN	I FN	II FN
	R.No.#																			01/06	02/06	03/06	04/06	05/06	06/06
1.0	<b>CHAMPAKARA CANAL (21.5 kms.)</b> COCHIN PORT-AMABALAMUGAL FACT (0.0 - 21.5)	<b>1.8</b>	<b>1.8</b>	<b>1.9</b>	<b>1.9</b>	<b>1.8</b>	<b>1.7</b>	<b>1.6</b>	<b>1.7</b>		<b>1.8</b>	<b>1.7</b>	<b>1.6</b>	<b>1.7</b>	<b>1.8</b>	<b>1.7</b>	<b>1.7</b>	<b>1.7</b>		<b>1.6</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.4</b>	<b>1.5</b>
		0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3		0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3		0.3	0.3	0.3	0.3	0.3	0.3
2.0	<b>UDYOGMANDAL CANAL (21 kms.)</b> COCHIN PORT-PATHALAM BRIDGE (0.0 - 21)	<b>1.8</b>	<b>1.9</b>	<b>2.0</b>	<b>2.0</b>	<b>2.0</b>	<b>2.0</b>	<b>1.9</b>	<b>2.1</b>	<b>2.0</b>	<b>2.0</b>	<b>1.9</b>	<b>1.8</b>	<b>2.0</b>	<b>1.9</b>	<b>1.8</b>	<b>1.9</b>	<b>2.2</b>		<b>2.0</b>	<b>1.9</b>	<b>2.0</b>	<b>2.1</b>	<b>1.9</b>	<b>2.0</b>
		0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4		0.4	0.4	0.4	0.4	0.4	0.4
3.0	<b>WEST COAST CANAL (183 kms.)</b>																								
i	<b>KOTTAPURAM TERMINAL-KOCHI PORT</b> (0.0 - 34)	<b>1.2</b>	<b>1.4</b>	<b>1.4</b>	<b>1.4</b>	<b>1.3</b>	<b>1.3</b>	<b>1.3</b>	<b>1.4</b>		<b>1.3</b>	<b>1.2</b>	<b>1.2</b>	<b>1.4</b>	<b>1.5</b>	<b>1.4</b>	<b>1.7</b>	<b>1.7</b>		<b>1.6</b>	<b>1.4</b>	<b>1.4</b>	<b>1.4</b>	<b>1.3</b>	<b>1.3</b>
		0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3		0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3		0.3	0.3	0.3	0.3	0.3	0.3
ii	<b>KOCHI PORT-PANAVALLI JETTY</b> (34 - 54)	<b>2.2</b>	<b>2.2</b>	<b>2.3</b>	<b>2.2</b>	<b>2.0</b>	<b>2.0</b>	<b>2.0</b>	<b>2.5</b>	<b>2.5</b>	<b>2.5</b>	<b>2.4</b>	<b>2.3</b>	<b>2.4</b>	<b>2.3</b>	<b>2.2</b>	<b>2.0</b>	<b>2.3</b>		<b>2.0</b>	<b>2.1</b>	<b>2.0</b>	<b>2.0</b>	<b>2.0</b>	<b>2.1</b>
		0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3		0.3	0.3	0.3	0.3	0.3	0.3
iii	<b>PANAVALLI-THANNEERMUKKOM TERMINAL</b> (54 - 77)	<b>2.1</b>	<b>2.1</b>	<b>2.1</b>	<b>2.1</b>	<b>2.0</b>	<b>2.0</b>	<b>2.0</b>	<b>2.1</b>	<b>2.2</b>	<b>2.2</b>	<b>2.1</b>	<b>2.0</b>	<b>2.2</b>	<b>2.3</b>	<b>2.1</b>	<b>2.3</b>	<b>2.5</b>		<b>2.3</b>	<b>2.2</b>	<b>2.1</b>	<b>2.1</b>	<b>2.0</b>	<b>2.0</b>
		0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3		0.3	0.3	0.3	0.3	0.3	0.3
iv	<b>THANNEERMUKKOM TERMINAL-ALAPPUZHA</b> (77 - 97)	<b>2.0</b>	<b>2.0</b>	<b>1.9</b>	<b>2.0</b>	<b>2.0</b>	<b>2.0</b>	<b>2.1</b>	<b>2.1</b>	<b>2.0</b>	<b>2.0</b>	<b>1.9</b>	<b>1.8</b>	<b>2.0</b>	<b>2.0</b>	<b>1.9</b>	<b>2.2</b>	<b>2.3</b>		<b>2.1</b>	<b>2.1</b>	<b>2.1</b>	<b>2.1</b>	<b>2.0</b>	<b>2.1</b>
		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		0.1	0.1	0.1	0.1	0.1	0.1
v	<b>ALAPPUZHA-THAKAZHI JETTY</b> (97 - 118)	<b>2.1</b>	<b>2.1</b>	<b>2.1</b>	<b>2.1</b>	<b>2.1</b>	<b>1.9</b>	<b>2.0</b>	<b>2.2</b>	<b>2.1</b>	<b>2.0</b>	<b>1.9</b>	<b>1.8</b>	<b>1.9</b>	<b>1.9</b>	<b>2.0</b>	<b>2.2</b>	<b>2.0</b>		<b>1.8</b>	<b>2.0</b>	<b>1.8</b>	<b>1.9</b>	<b>1.7</b>	<b>1.8</b>
		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		0.1	0.1	0.1	0.1	0.1	0.1
vi	<b>THAKAZHI JETTY-TRIKKUNNAPUZHA</b> TERMINAL (118 - 136)	<b>1.5</b>	<b>1.4</b>	<b>1.4</b>	<b>1.4</b>	<b>1.4</b>	<b>1.4</b>	<b>1.5</b>	<b>1.5</b>	<b>1.5</b>	<b>1.4</b>	<b>1.3</b>	<b>1.4</b>	<b>1.4</b>	<b>1.4</b>	<b>1.5</b>	<b>1.3</b>	<b>1.4</b>		<b>1.3</b>	<b>1.4</b>	<b>1.3</b>	<b>1.3</b>	<b>1.2</b>	<b>1.3</b>
		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		0.1	0.1	0.1	0.1	0.1	0.1
vii	<b>TRIKKUNNAPUZHA TERMINAL-AYIRAMTHENGU</b> JETTY (136 - 154)	<b>1.4</b>	<b>1.3</b>	<b>1.4</b>	<b>1.4</b>	<b>1.3</b>	<b>1.3</b>	<b>1.4</b>	<b>1.5</b>	<b>1.4</b>	<b>1.5</b>	<b>1.4</b>	<b>1.3</b>	<b>1.4</b>	<b>1.4</b>	<b>1.4</b>	<b>1.4</b>	<b>1.7</b>		<b>1.5</b>	<b>1.5</b>	<b>1.4</b>	<b>1.4</b>	<b>1.3</b>	<b>1.3</b>
		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2		0.2	0.2	0.2	0.2	0.2	0.2
viii	<b>AYIRAMTHENGU JETTY-EDAPALLIKOTTA</b> JUNCTION (154 - 167)	<b>1.1</b>	<b>1.1</b>	<b>1.2</b>	<b>1.2</b>	<b>1.1</b>	<b>1.1</b>	<b>1.1</b>	<b>1.1</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>1.3</b>	<b>1.6</b>		<b>1.4</b>	<b>1.4</b>	<b>1.3</b>	<b>1.3</b>	<b>1.2</b>	<b>1.1</b>
		0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3		0.3	0.3	0.3	0.3	0.3	0.3
ix	<b>EDAPALLIKOTTA JUNCTION-KOLLAM TERMINAL</b> (167 - 183)	<b>1.0</b>	<b>1.1</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>1.1</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>0.9</b>	<b>1.1</b>	<b>1.2</b>		<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>
		0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3		0.3	0.3	0.3	0.3	0.3	0.3