

Table 1:

Deck Log of the R/V Lake Guardian			From:Cleve land, OH		To: Houghton, MI		Date: 07 July 2002										
	Hours	Log	Gyro	true.	Std.	Weather	Visibility	Wind: Dir.	Speed	Wave ht.	Temp: Air	Sea	Barometer	Latitude	Longitude	time	Remarks
	0	12.7	273	273	274	mostly cloudy	10	182	7	1	69.9	58.8	29.98	46 57.6' N	87 43.1' W		
	1	12.5	270	270	268	mostly cloudy	10	240	6	1	63.5	57.4	29.98	46 59.0' N	87 03.2' W		
	2	12.8	265	265	261	mostly cloudy	10	302	10	1	62.6	57.7	29.98	46 58.2' N	87 17.7 W	0229	lower Keweenaw entrance
	3															0410	moored port side MTU Service dock
	4																
	5																
	6																
	7																
	8																
	9																
	10																
	11																
	12																
	13																
	14																
	15																
	16																

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Deck Log of the R/V Lake Guardian			From:Cleve land, OH		To: Houghton, MI		Date: 07 July 2002										
	17															1730	depart MTU dock
	18															1857	
	19	12.5	030	030	040	overcast	10	calm			71.4	60.6	30.07	47 14.6' N	88 37.7' W	1928	anchored on station
	20	anchored				overcast	10	calm			69.4	63.3	30.07	47 17.2' N	88 36.9' W		
	21	anchored				overcast	8	calm			68.9	63.9	30.05	47 17.2' N	88 36.9' W		
	22	anchored				overcast	8	calm			66.7	64	30.05	47 17.2' N	88 36.9' W		
	23	anchored				lgt. rain	8	calm			66.7	64.6	30.07	47 17.2' N	88 36.9' W		
	24	anchored				lgt. rain	8	calm			67.6	64.6	30.07	47 17.2' N	88 36.9' W		