Madule 5

2. The tidal effect at the equator has a larger variation trom around - 0.1 mbal to 0.2 mbal centered around 0.05 mcal. There are 2 periods per 24 hours, and the variation is hearly Symmetric with only varying amplitude between This seems solely based on the the days. high and low tides at the moon. As lattude in creases, the two tidal peaks become less Symmetric, and develop a pattern of higher and lower feaks that seem to correspond to different congre-up (for the high peaks) and (on cave-down (for low peaks) patterns, that meet around October 3, 2013. This variation of tides is likely due to the sun and moonis tidal effects being dut of sync, and the total change in gravity trends to lower values with the higher peak being at dilmbal.