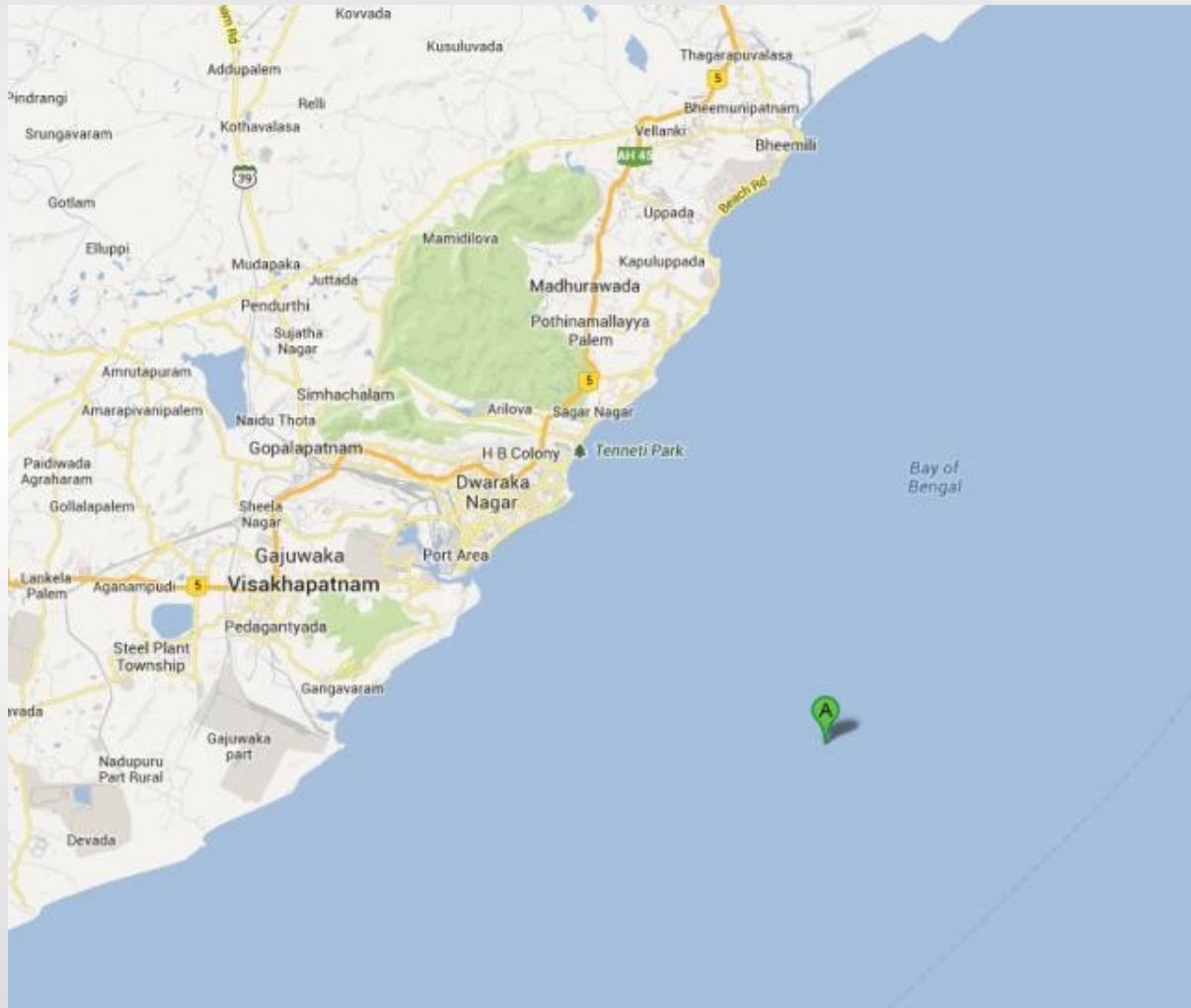


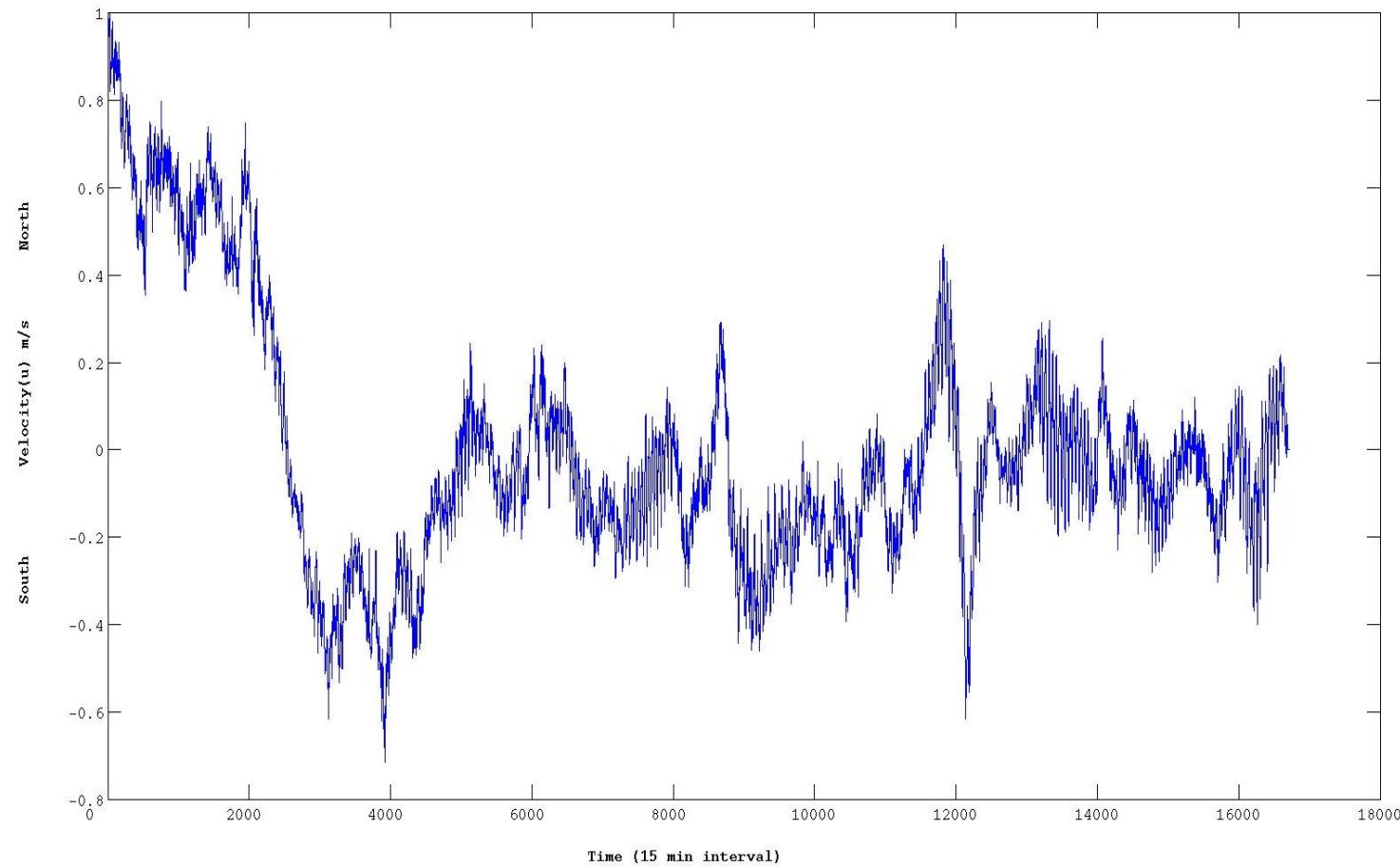
Flow field in the shelf region off Visakhapatnam

By,
T V Narasimha Rao

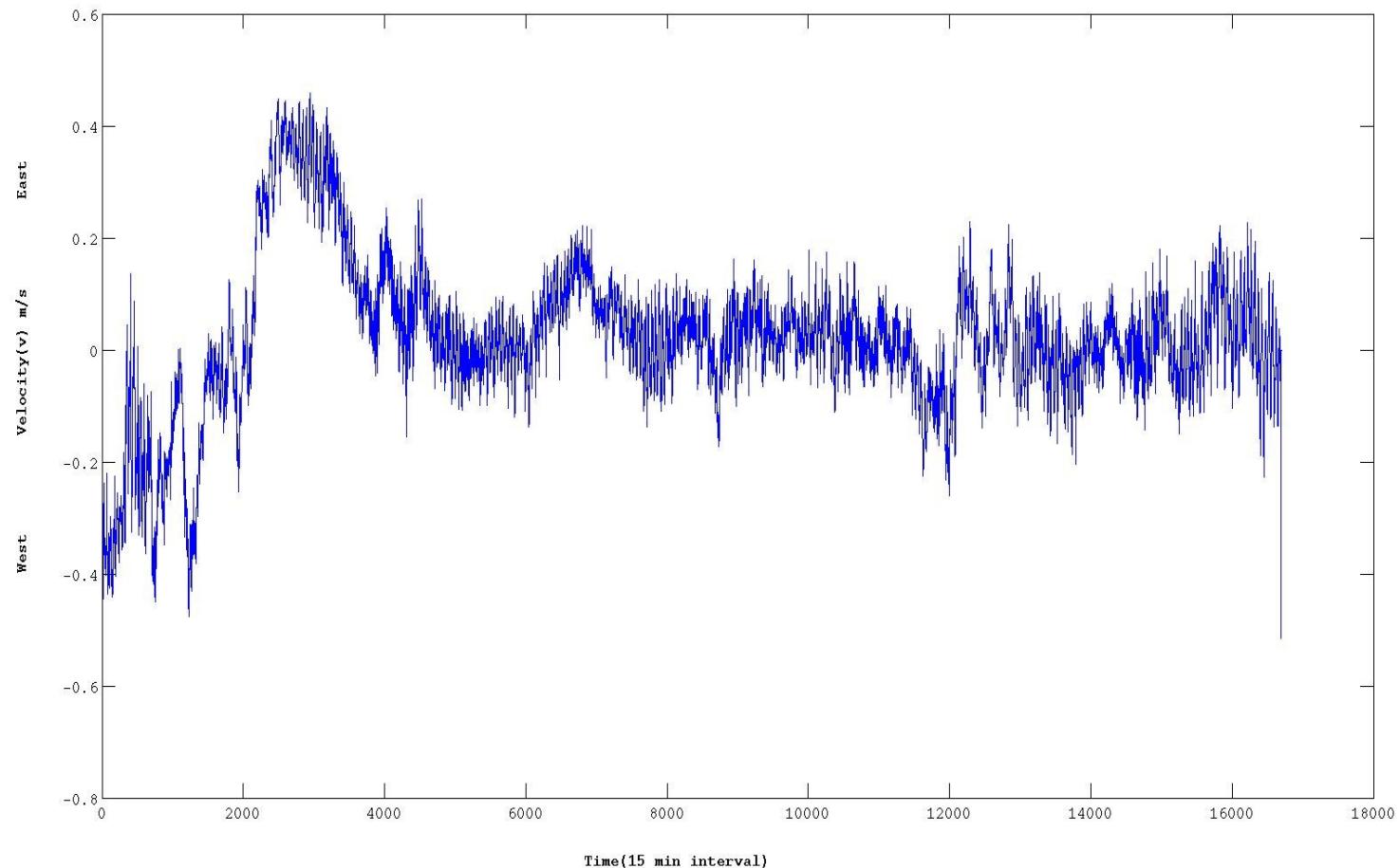
ADCP Mooring station(A) off Visakhapatnam (100 meters water depth)



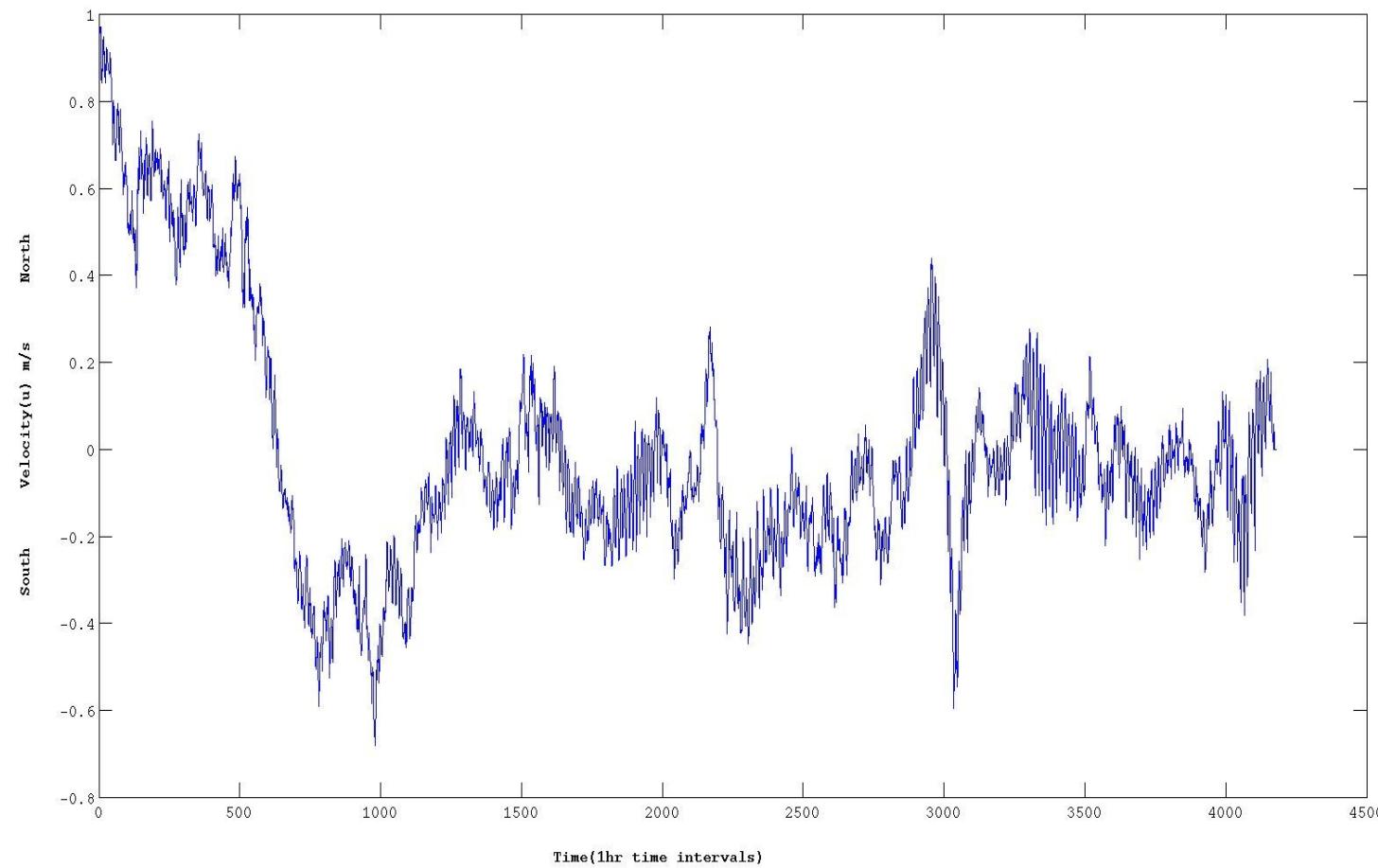
Along shore Velocity (u) vs Time (15 min intervals)



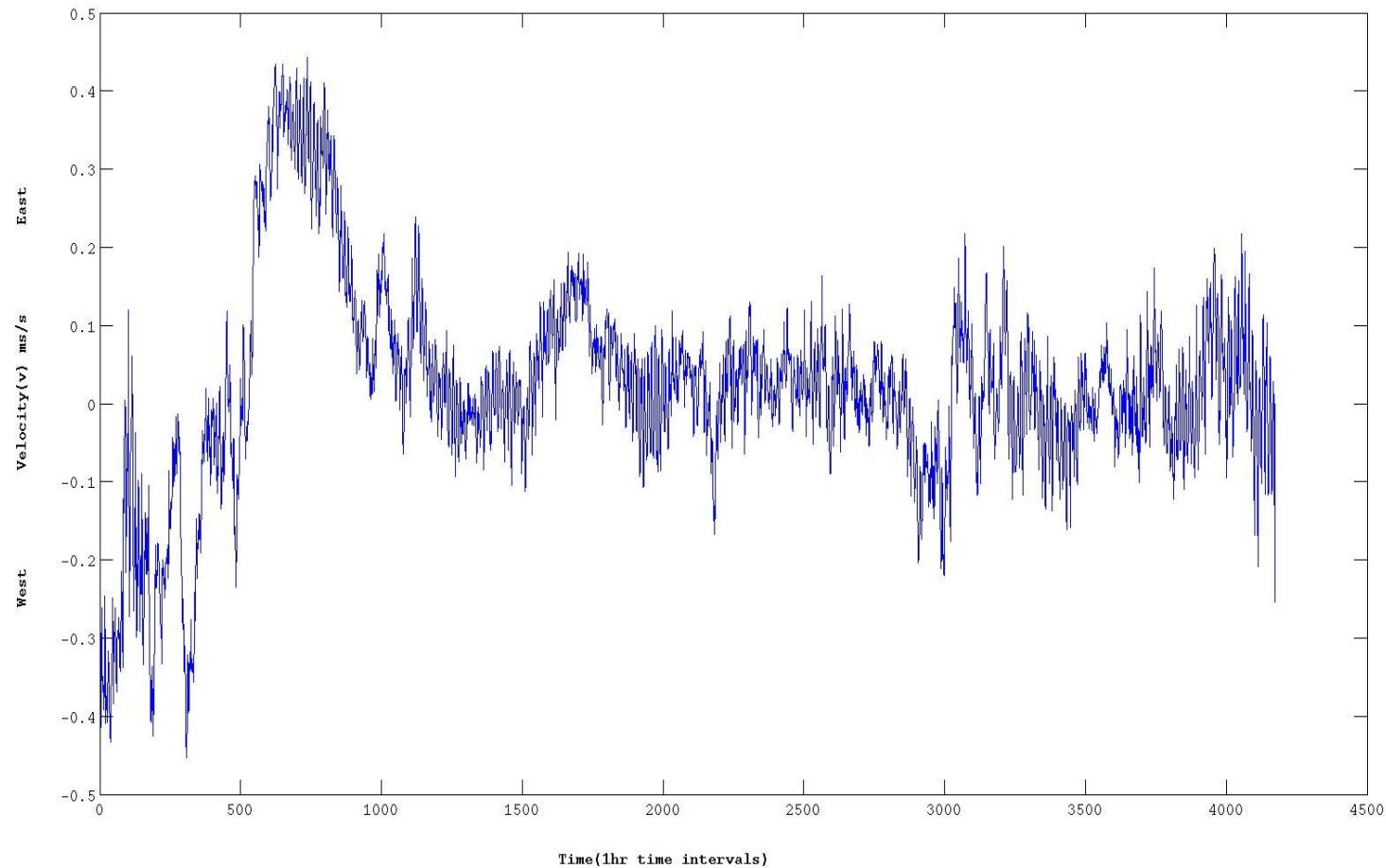
Cross shore Velocity(v) vs Time (15 min intervals)



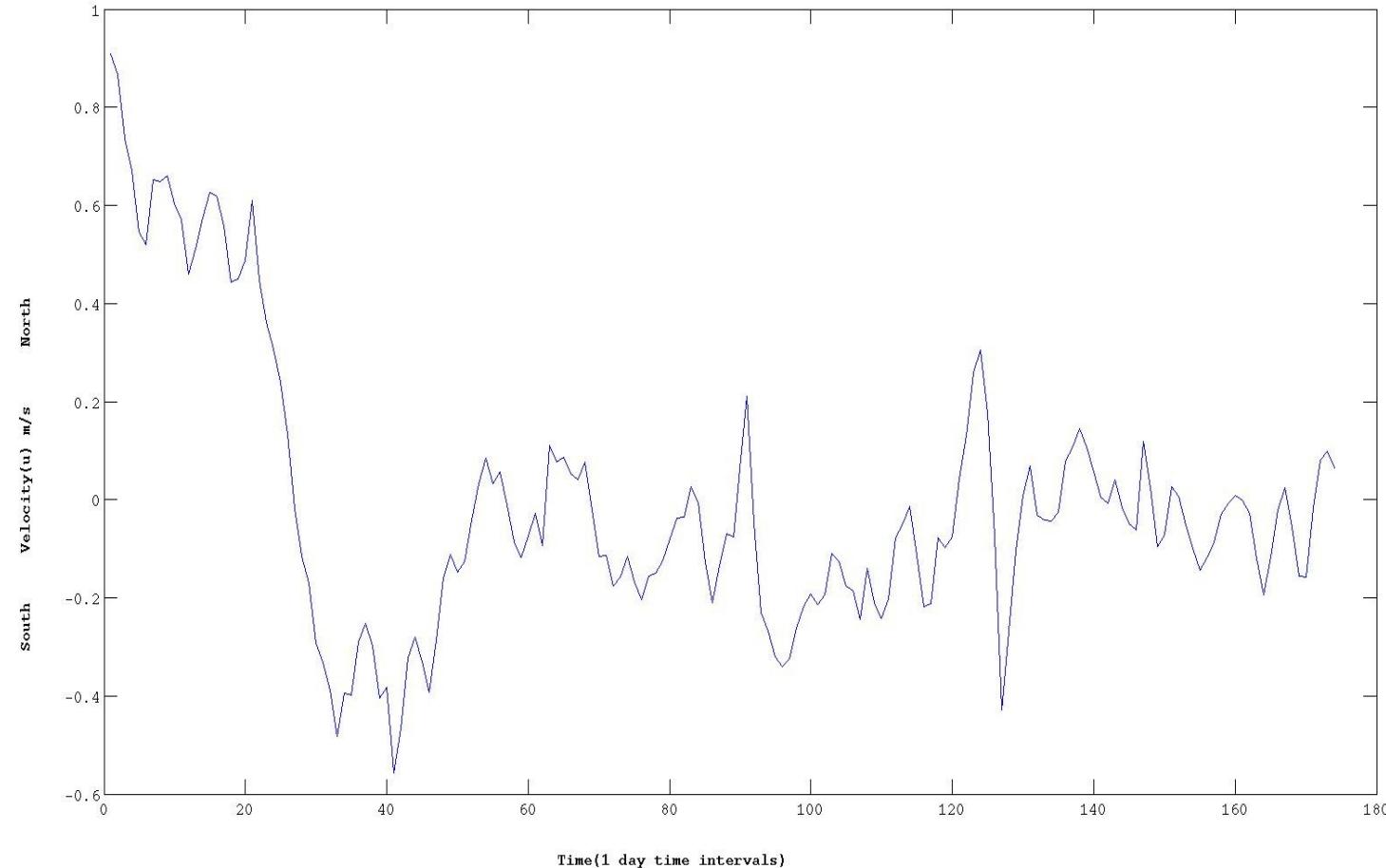
Along shore Velocity(u) vs Time (1 hr intervals)



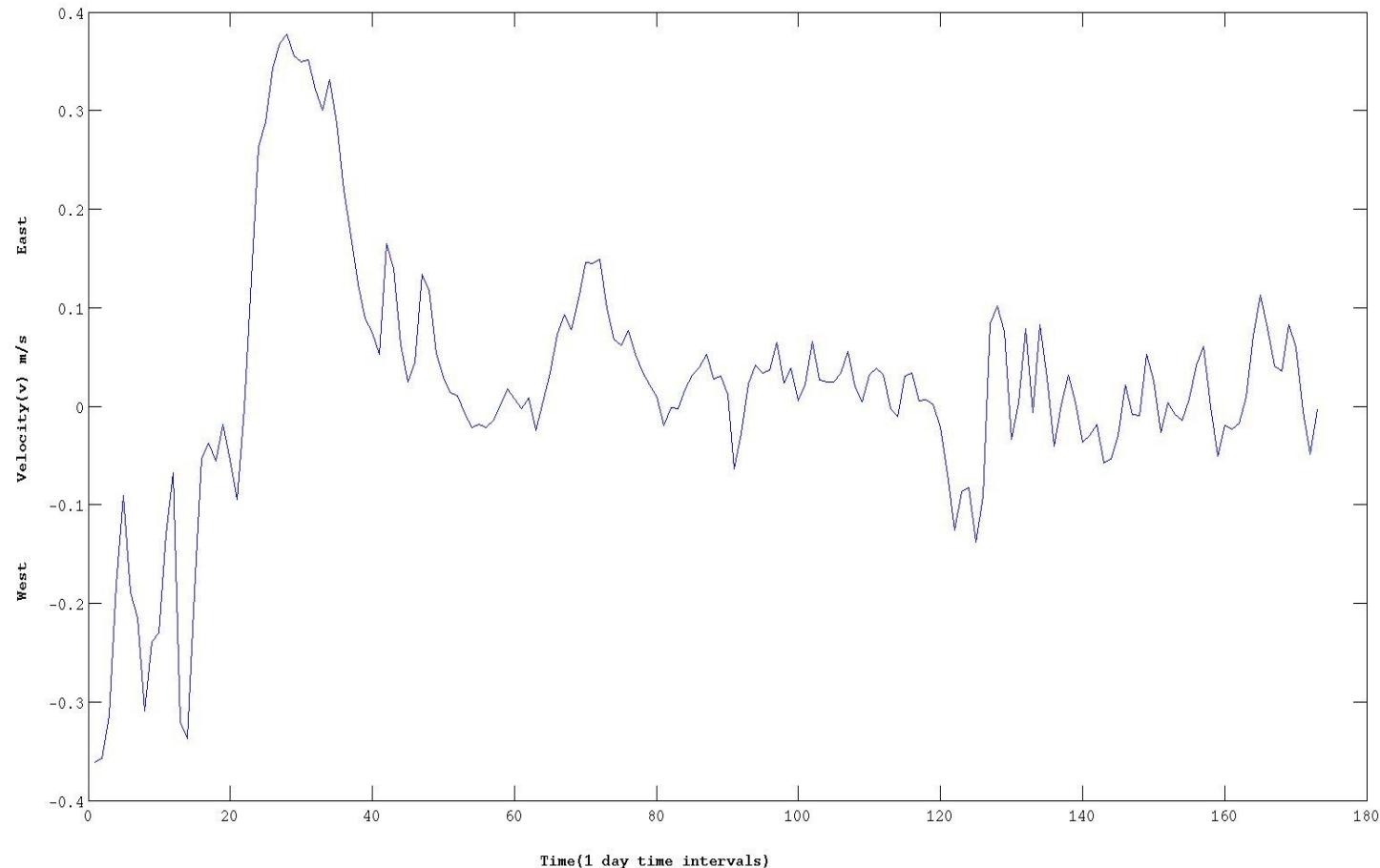
Cross shore Velocity(v) vs Time (1 hr intervals)



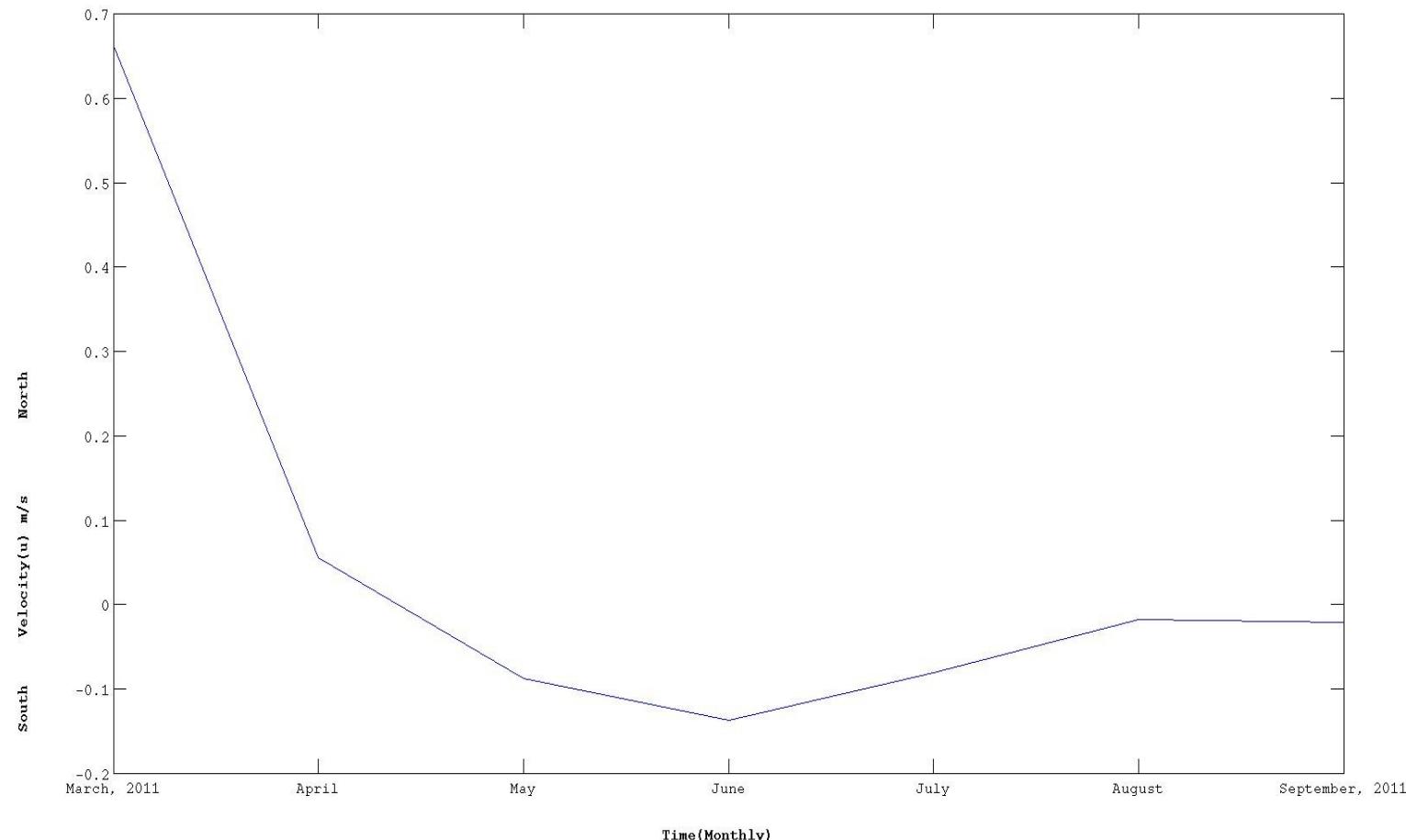
Along shore Velocity (u) vs Time (1 day intervals)



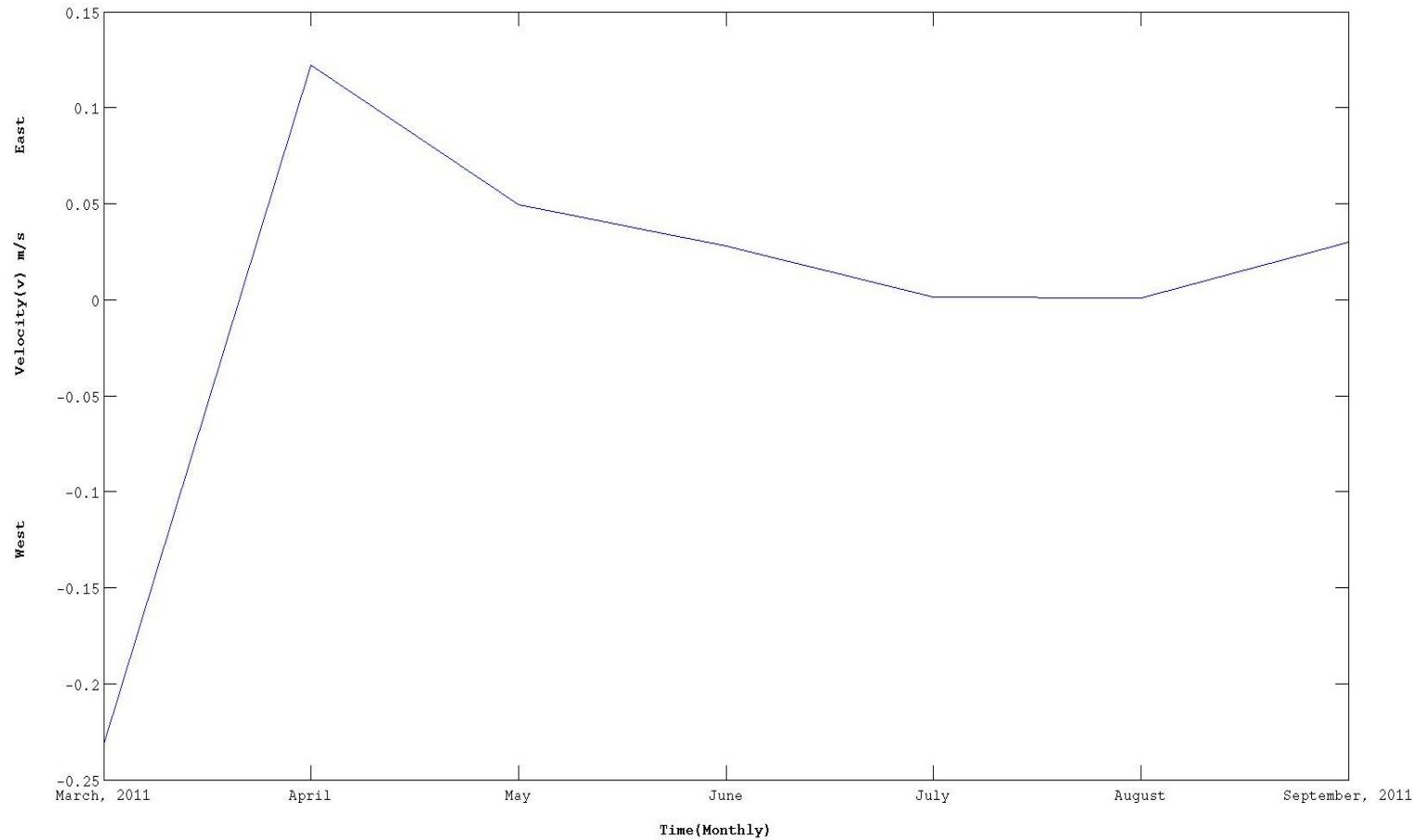
Cross shore Velocity(v) vs Time (1 day intervals)



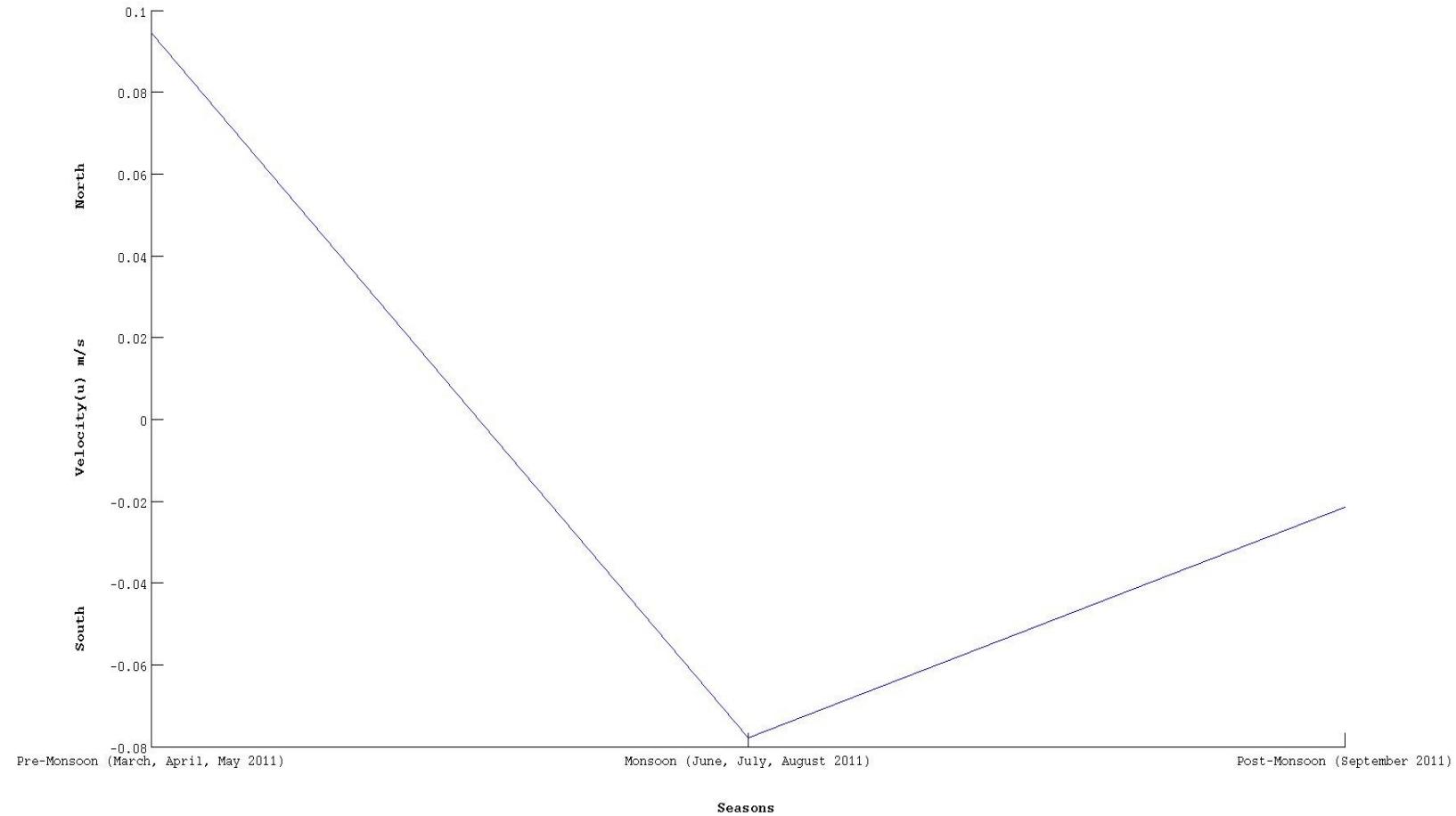
Along shore Velocity (u) vs Time (1 month intervals)



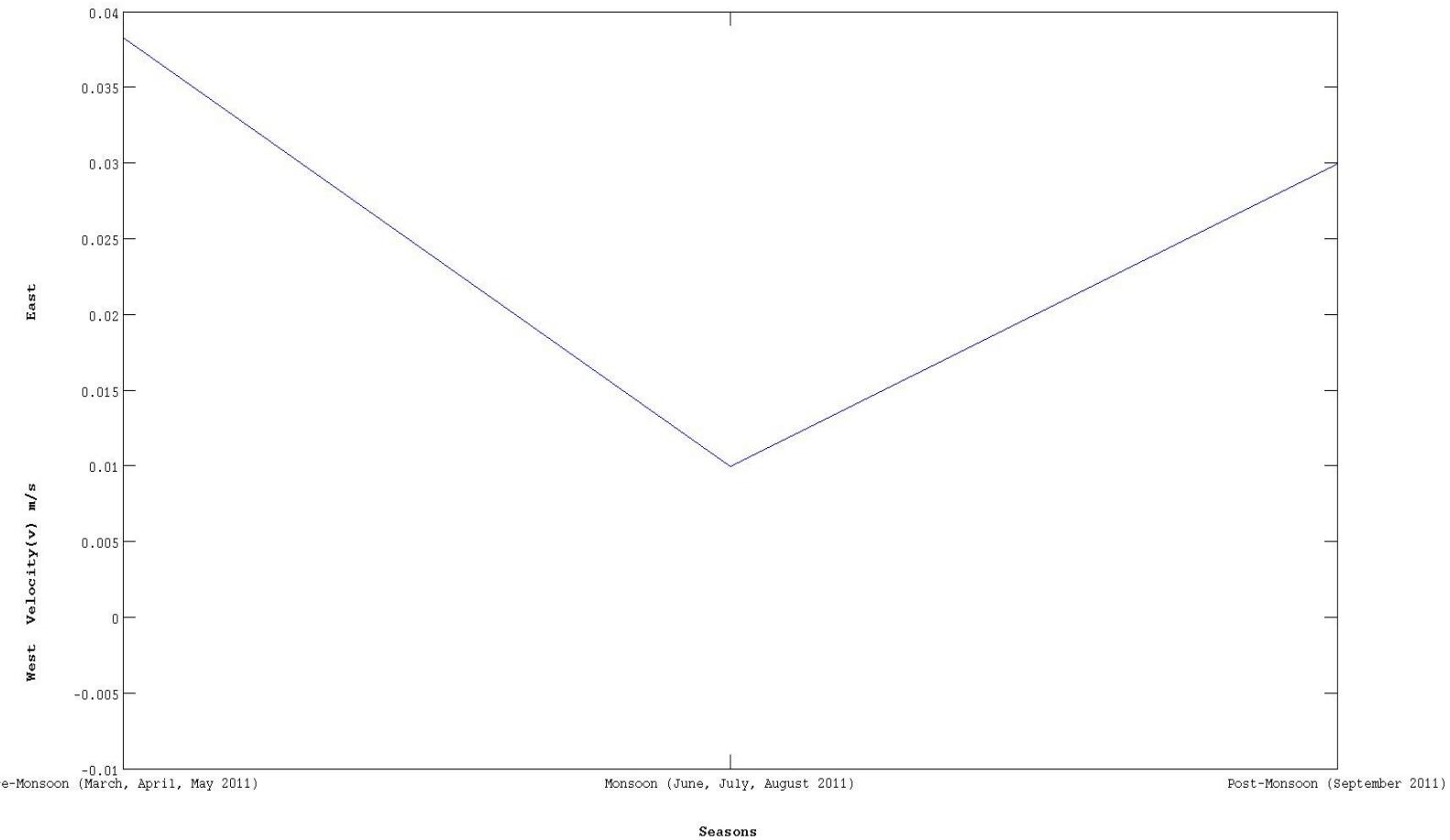
Cross shore Velocity(v) vs Time (1 month intervals)



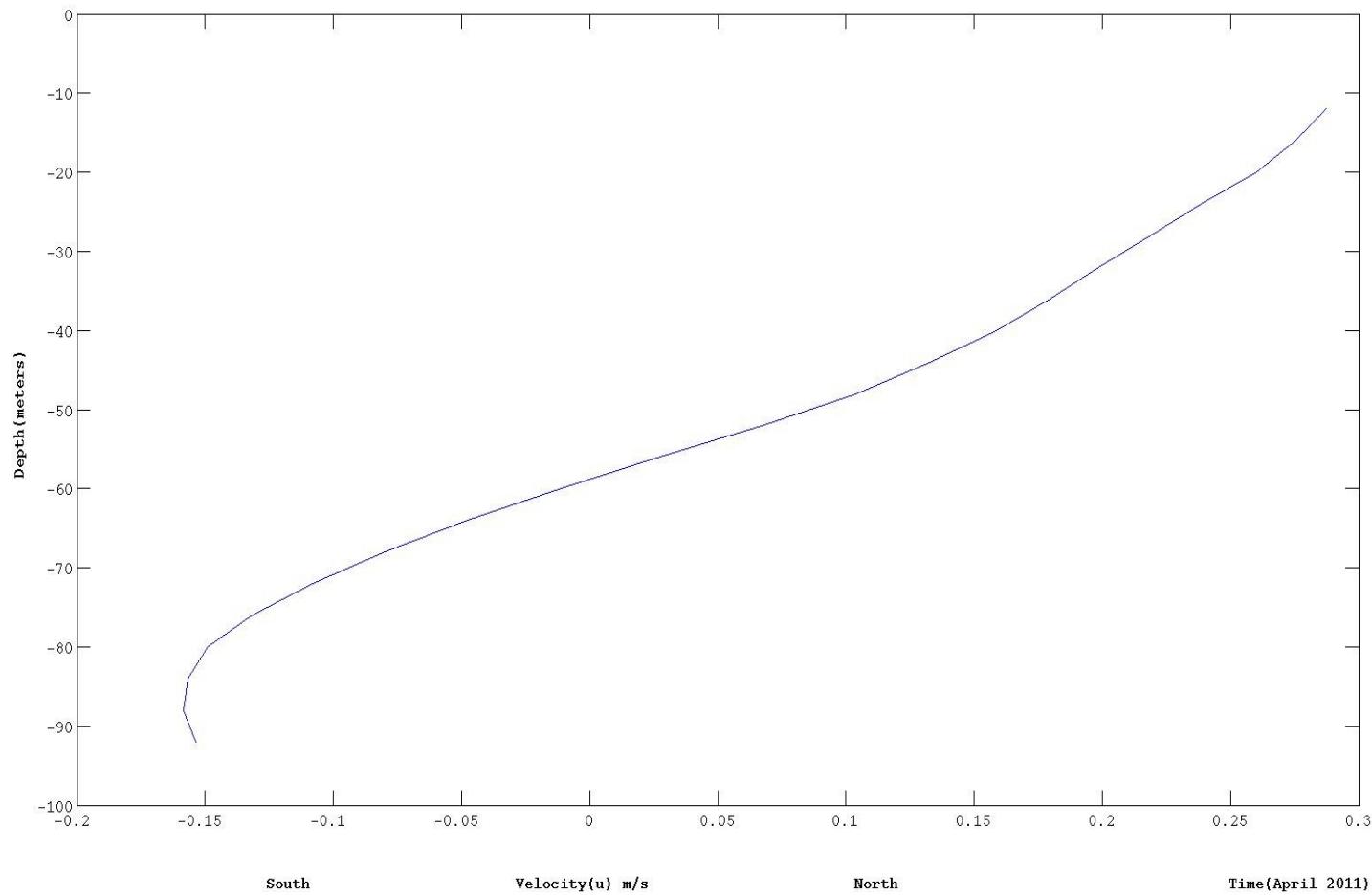
Along shore Velocity (u) vs Time (Seasons)



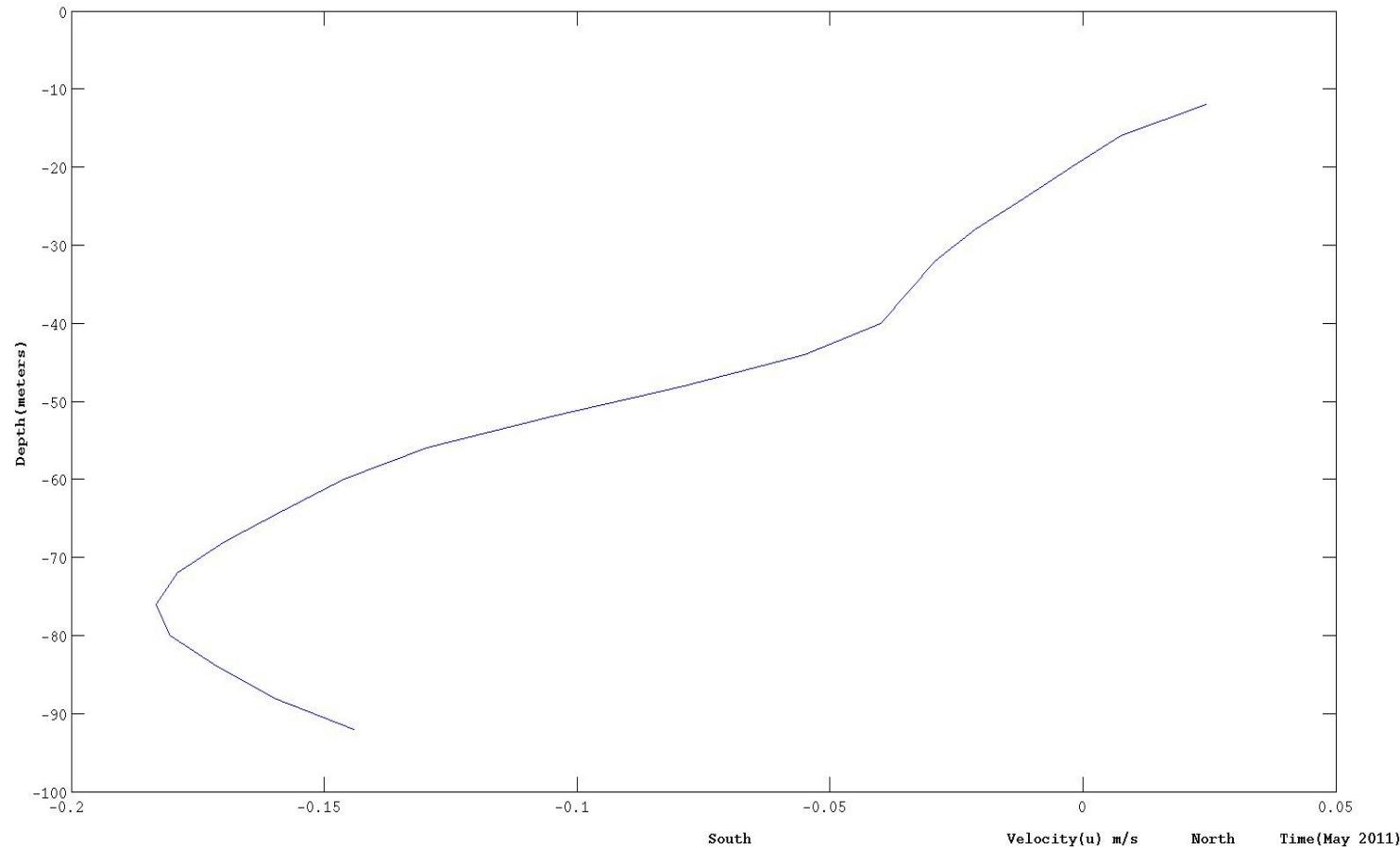
Cross shore Velocity(v) vs Time (Seasons)



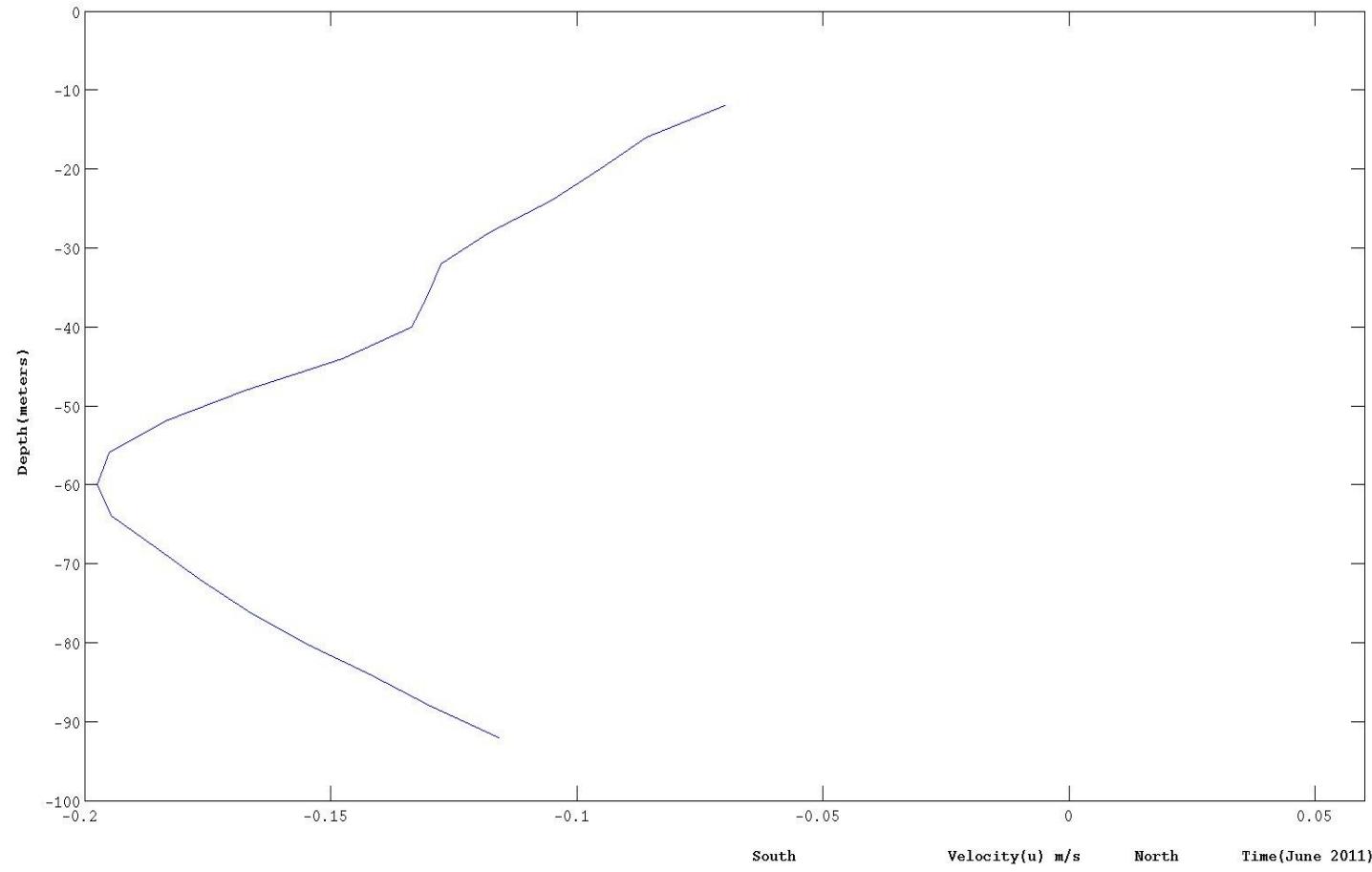
Depth vs Along shore Velocity (u) during April 2011



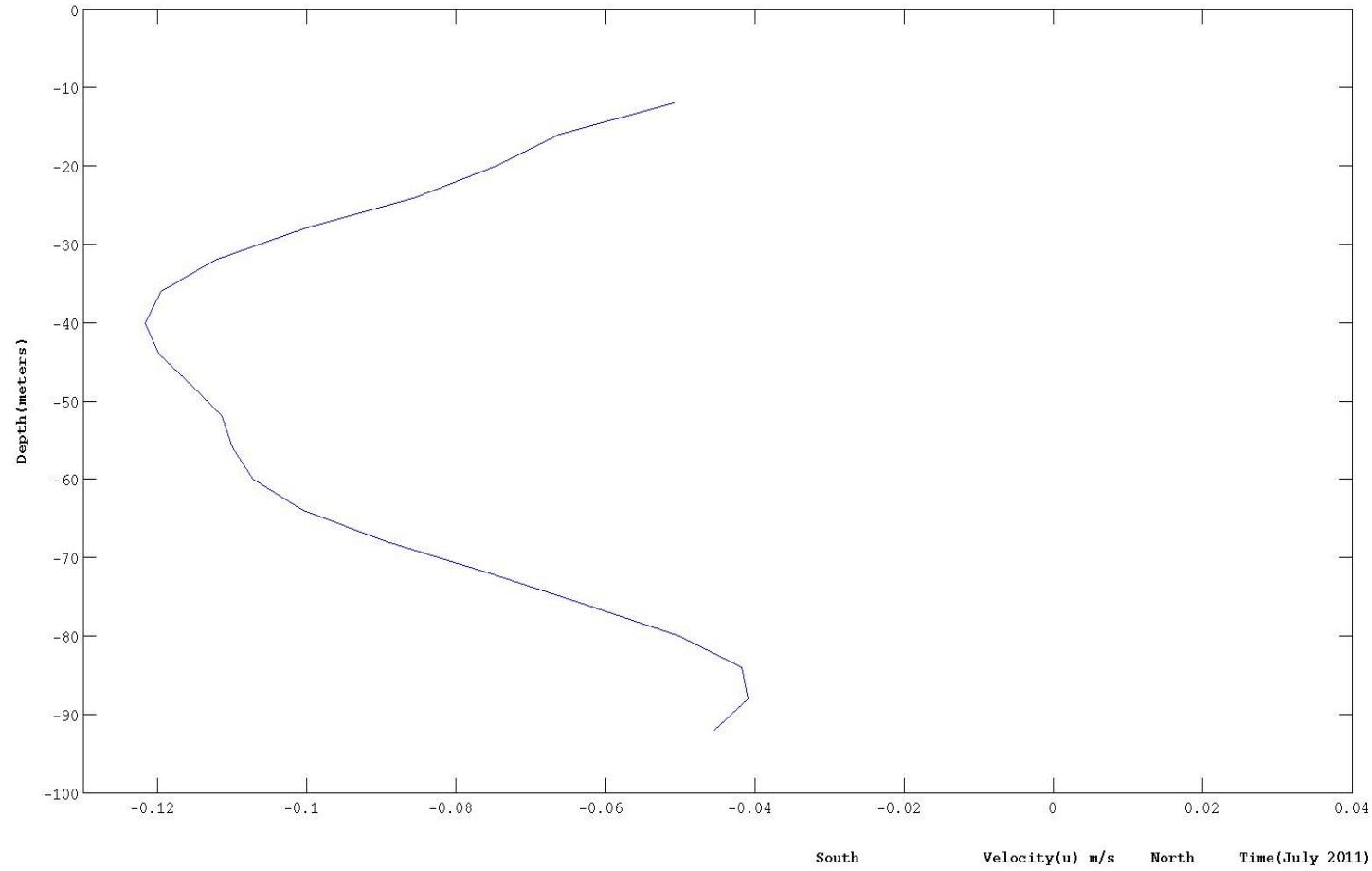
Depth vs Along shore Velocity (u) during May 2011



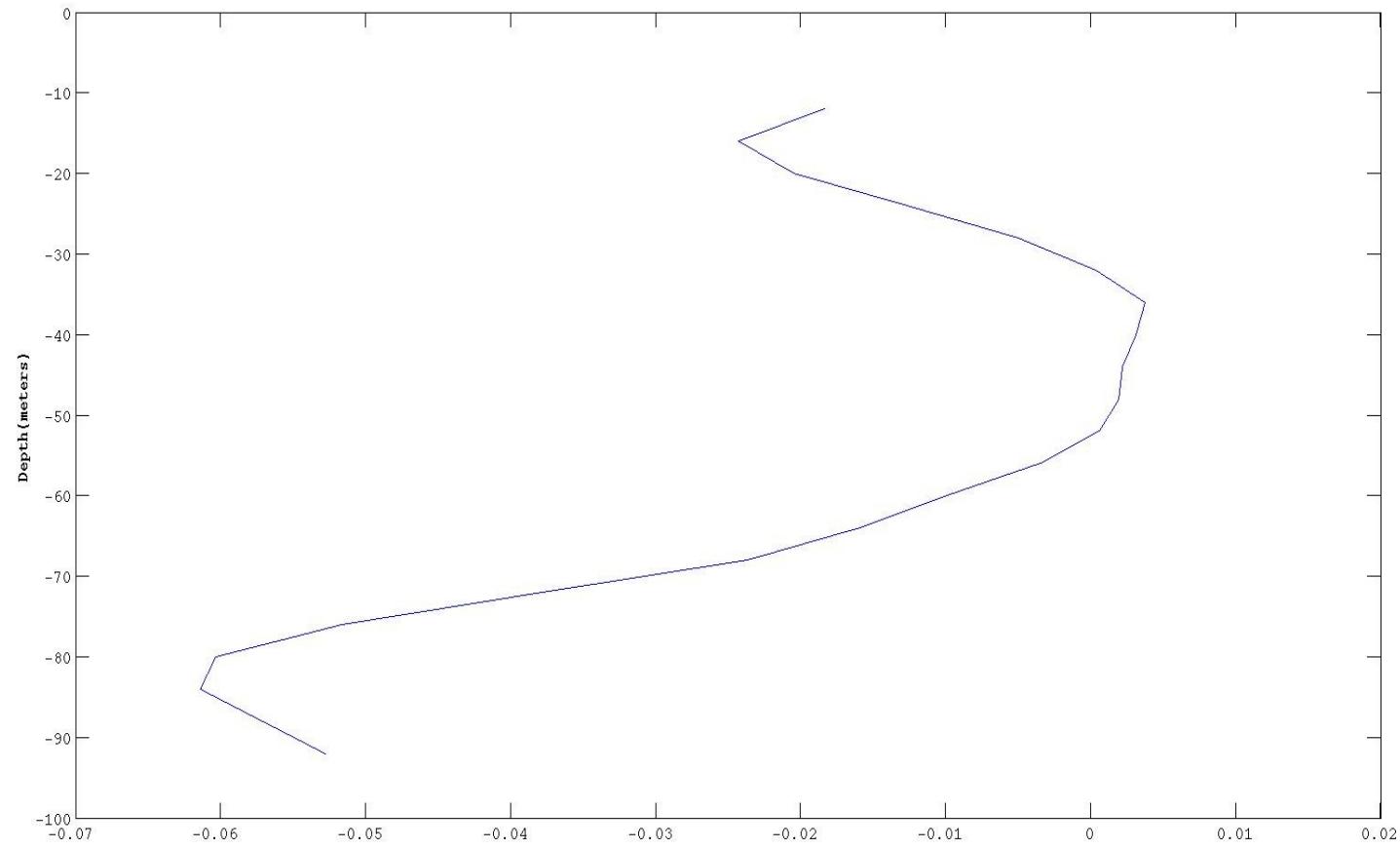
Depth vs Along shore Velocity (u) during June 2011



Depth vs Along shore Velocity (u) during July 2011



Depth vs Along shore Velocity (u) during August 2011



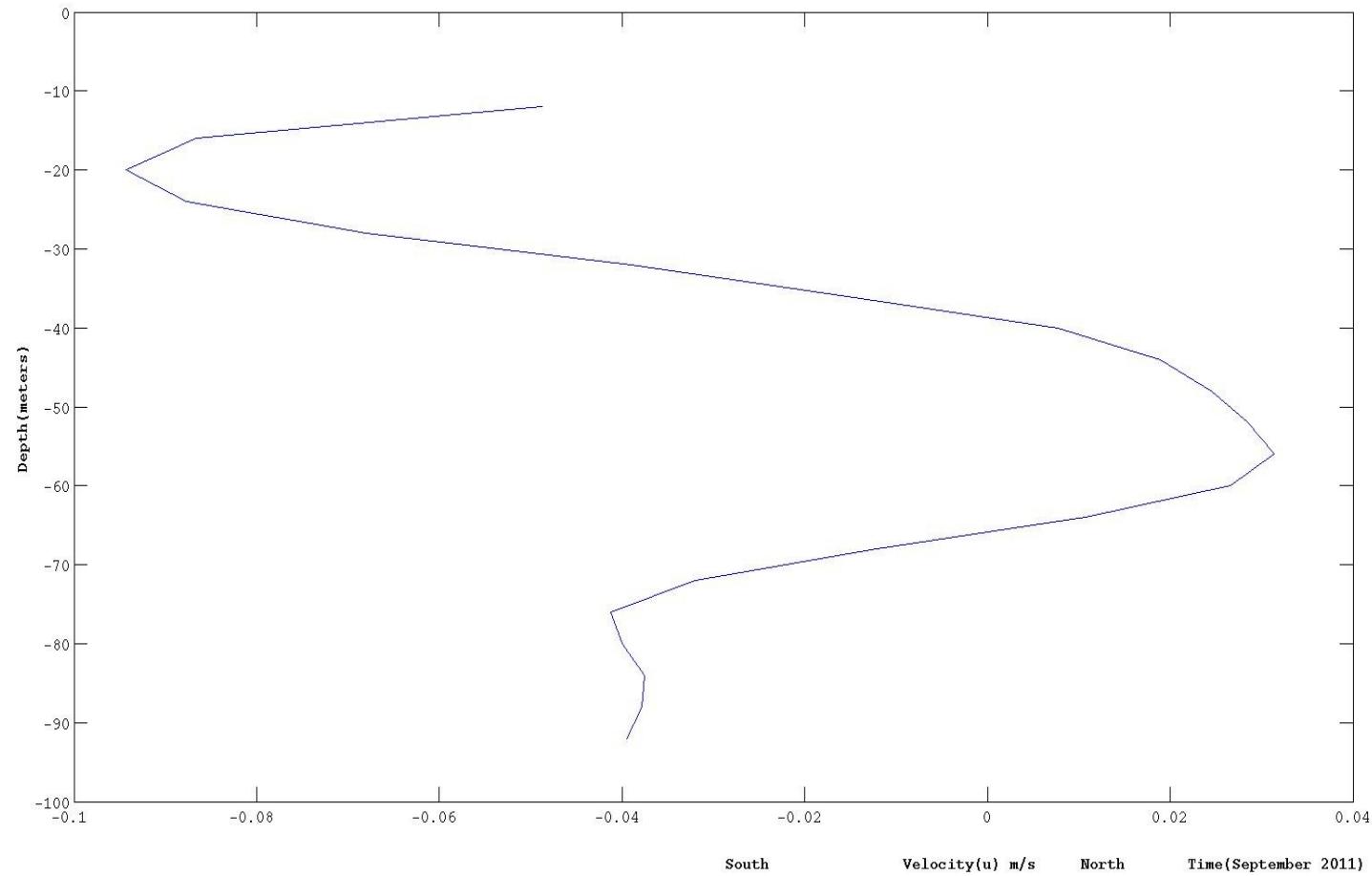
South

Velocity(u) m/s

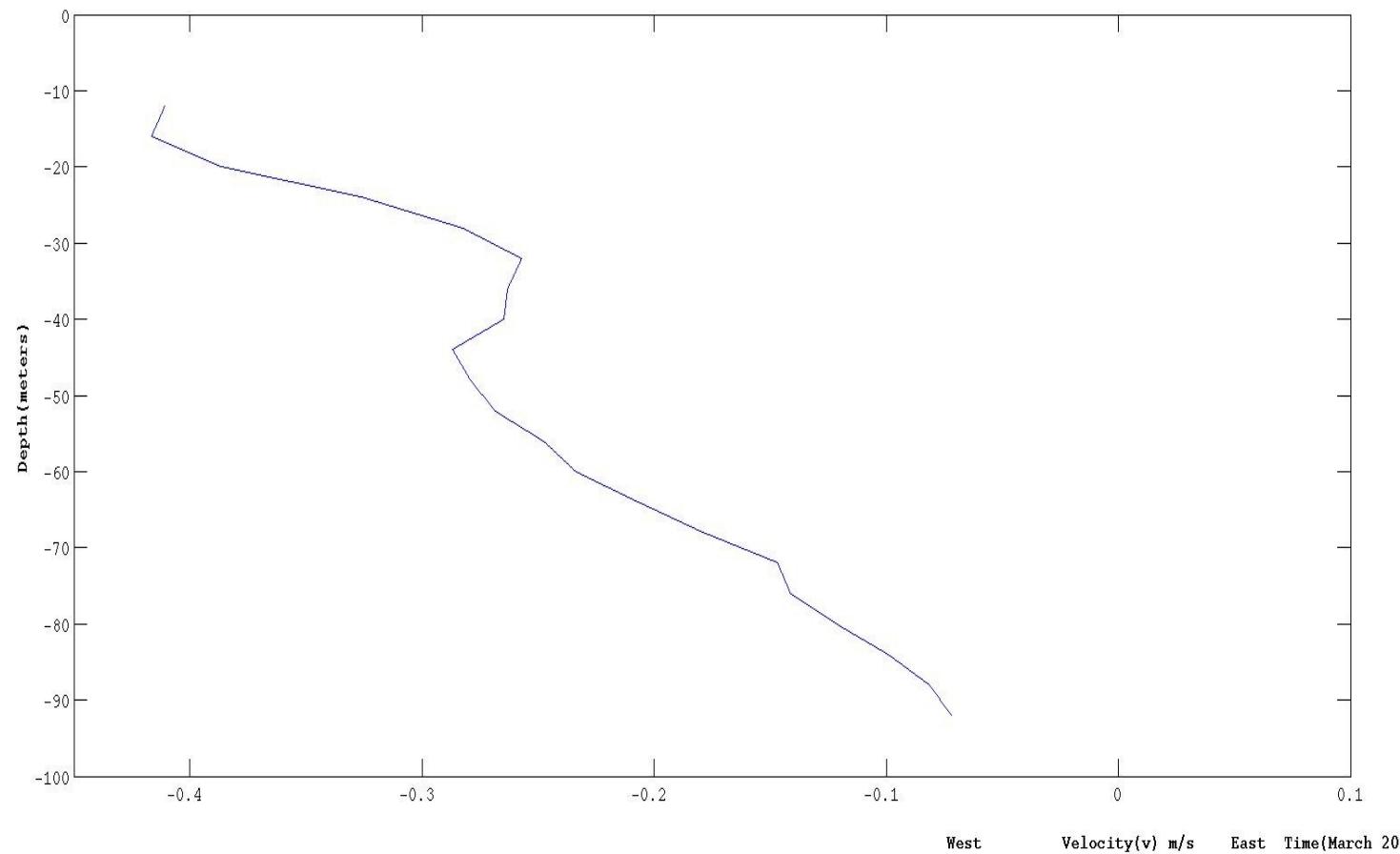
North

Time(August 2011)

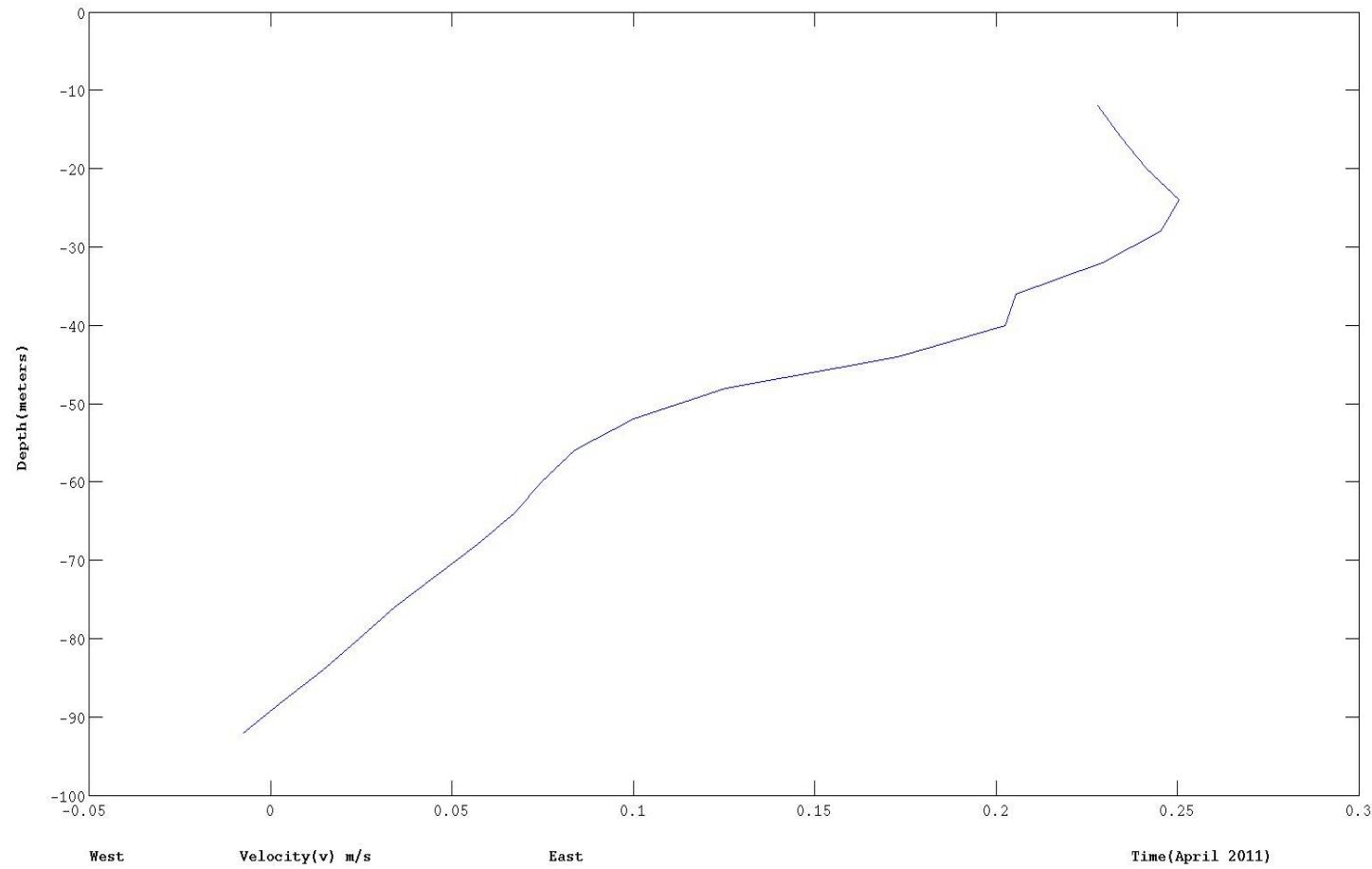
Depth vs Along shore Velocity (u) during September 2011



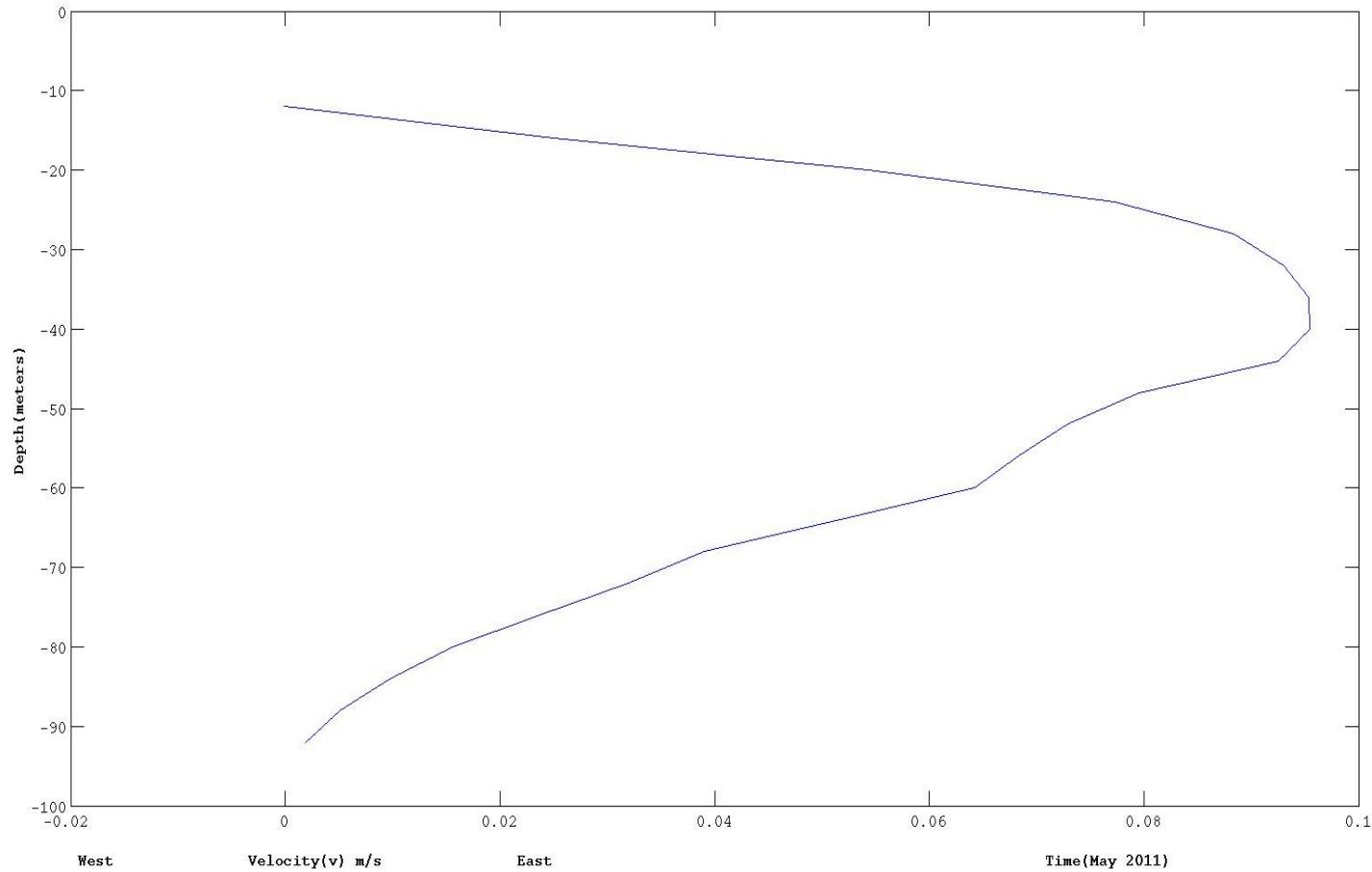
Depth vs Cross shore Velocity(v) during March 2011



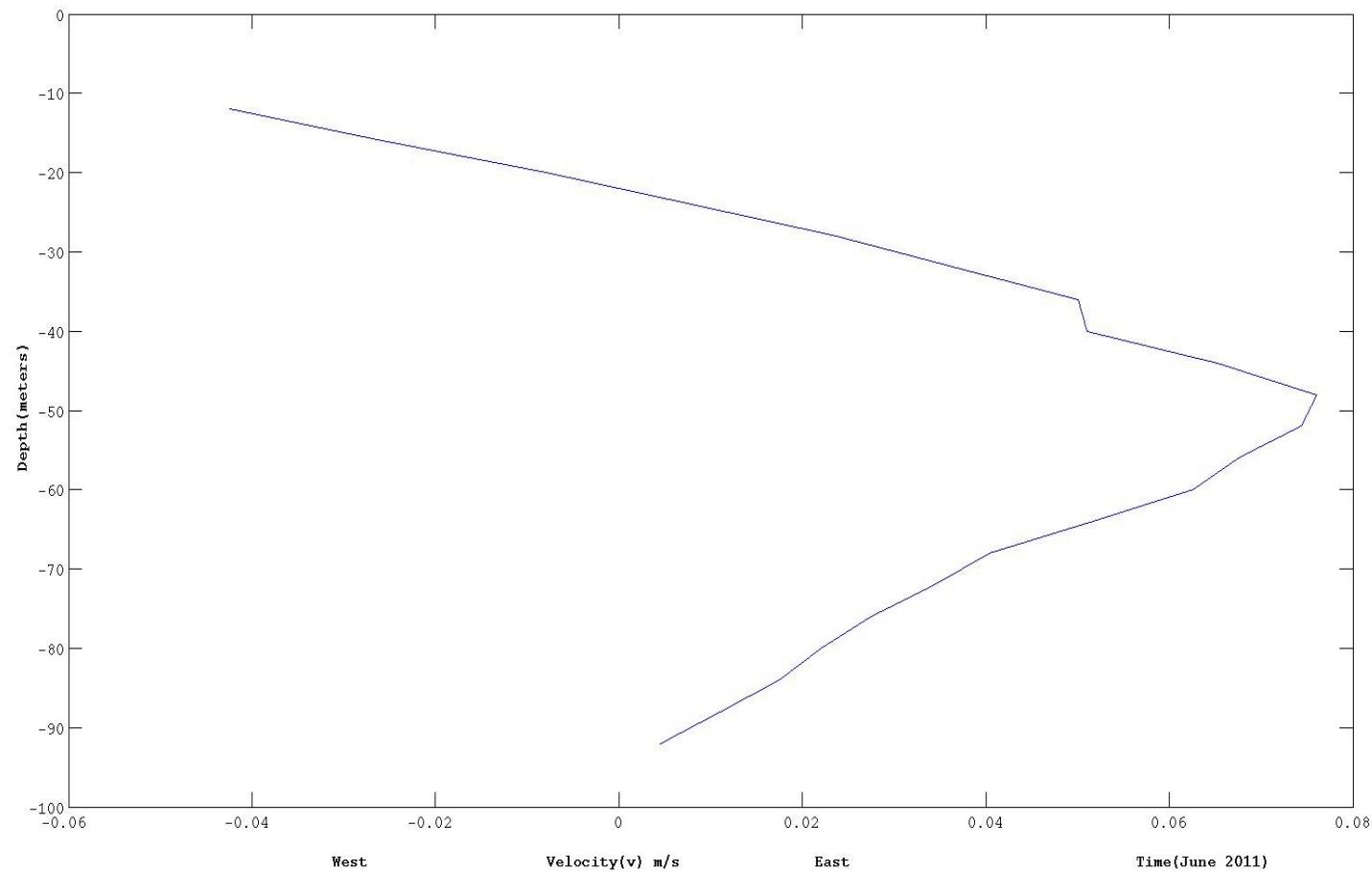
Depth vs Cross shore Velocity(v) during April 2011



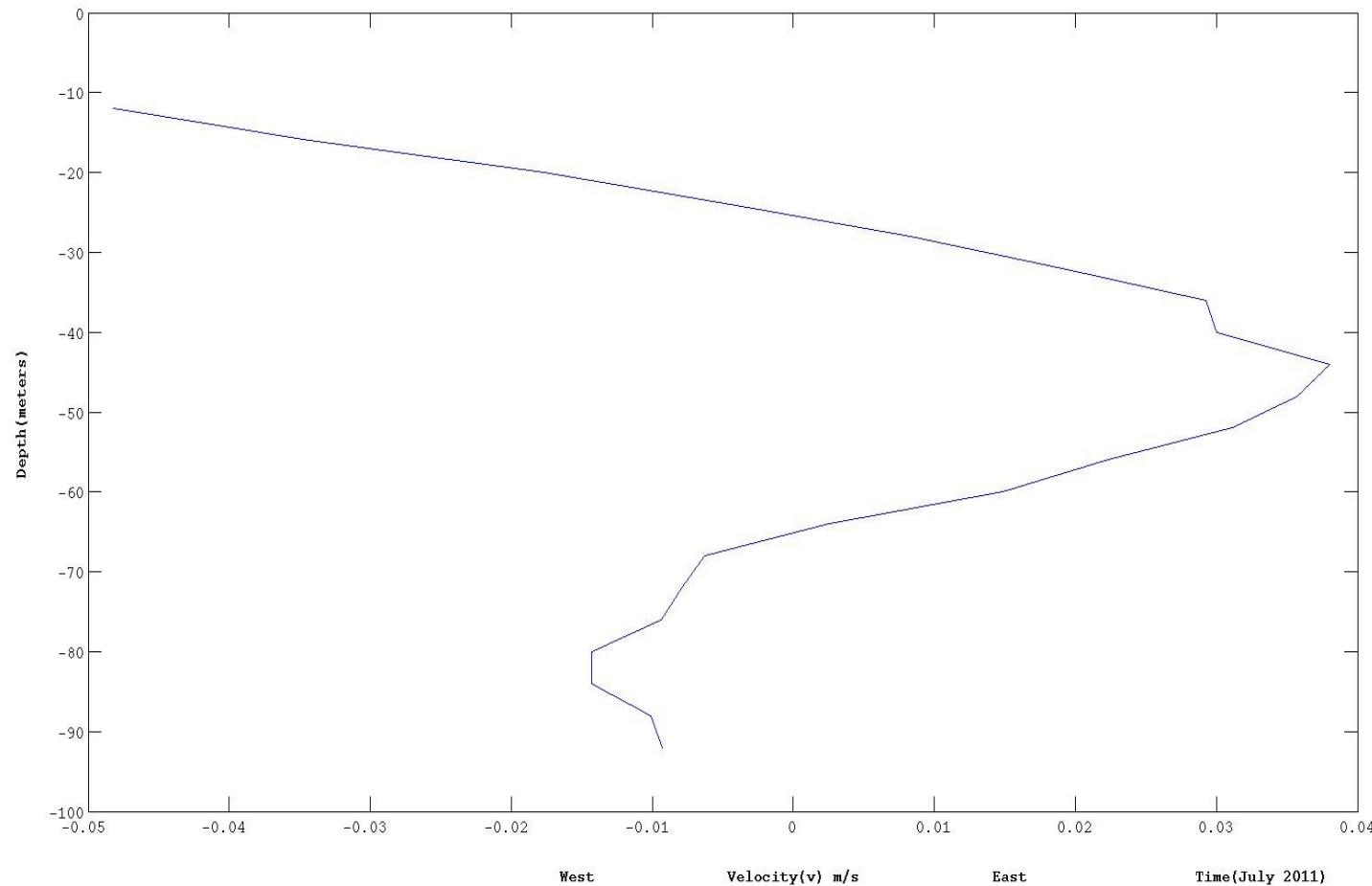
Depth vs Cross shore Velocity(v) during May 2011



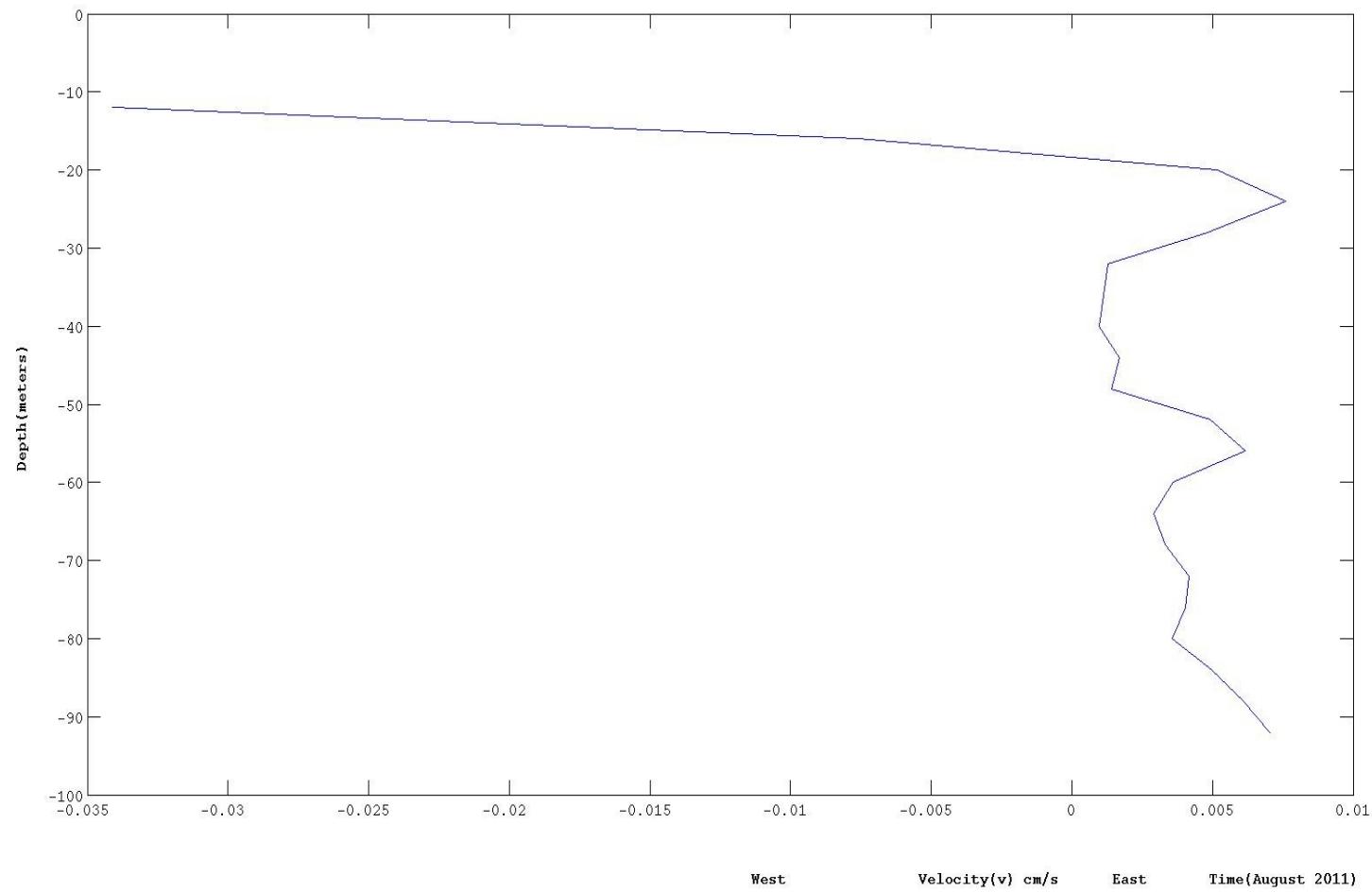
Depth vs Cross shore Velocity(v) during June 2011



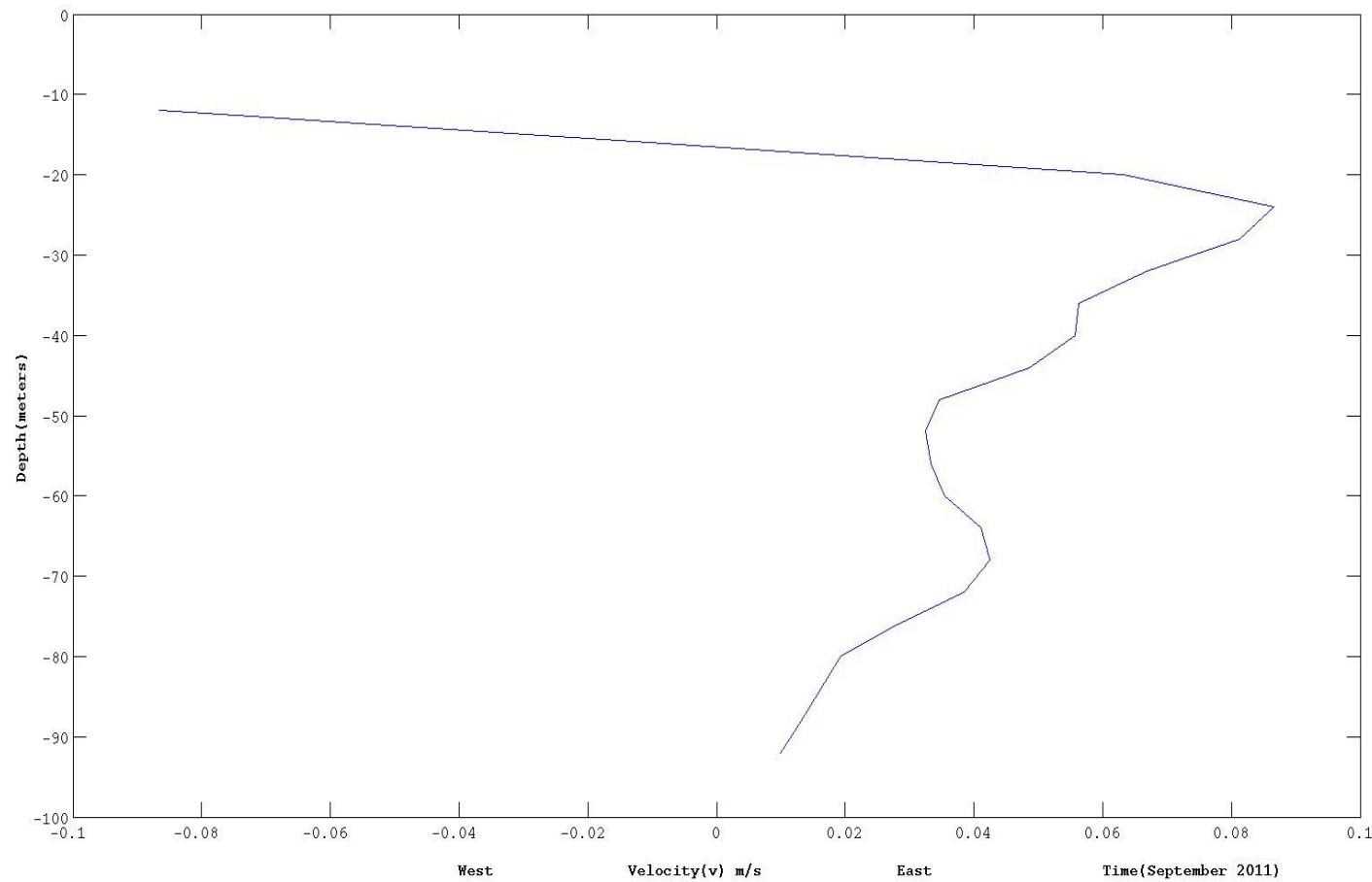
Depth vs Cross shore Velocity(v) during July 2011



Depth vs Cross shore Velocity(v) during August 2011

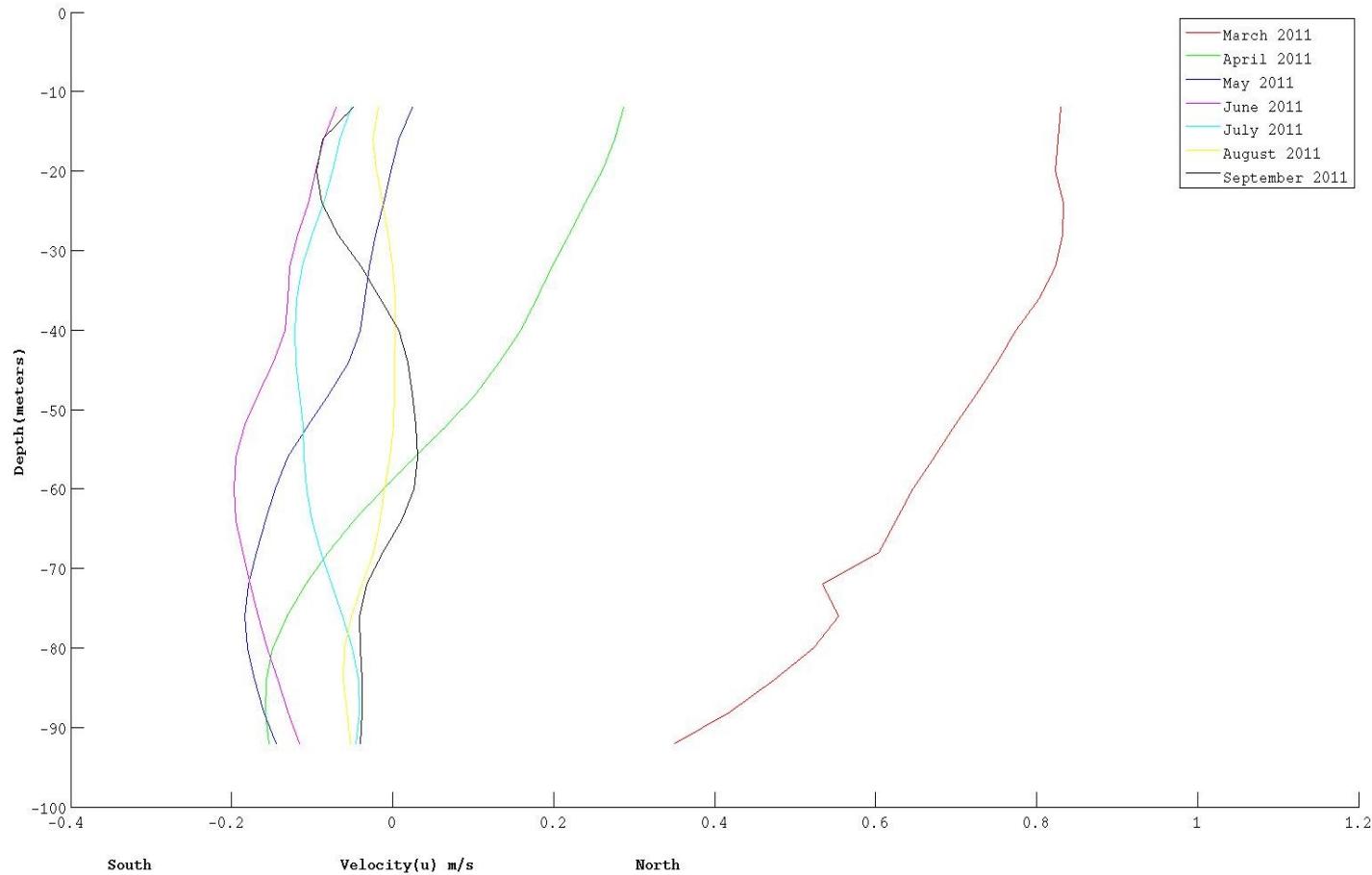


Depth vs Cross shore Velocity(v) during September 2011

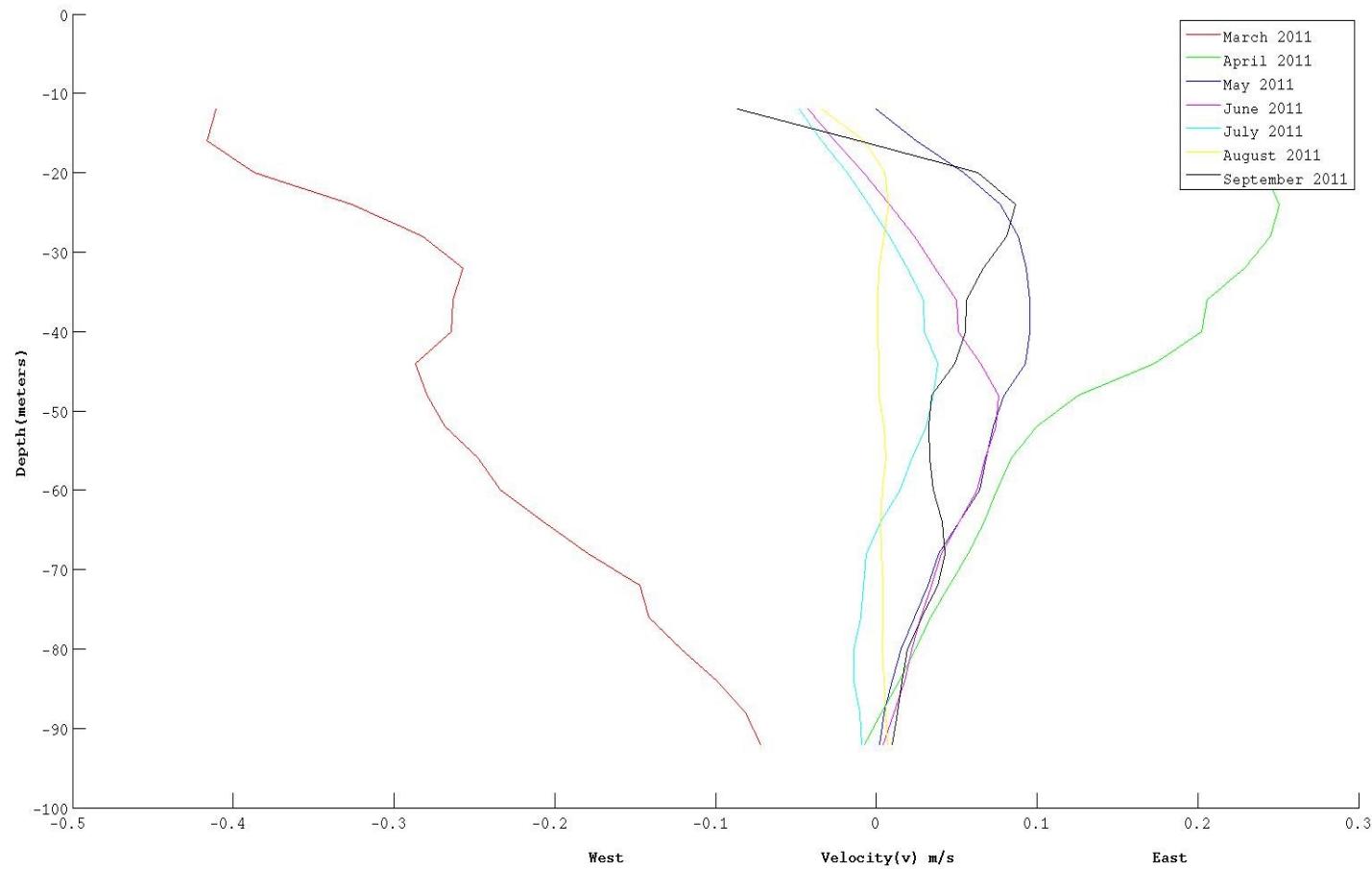


Depth vs Along shore Velocity (u)

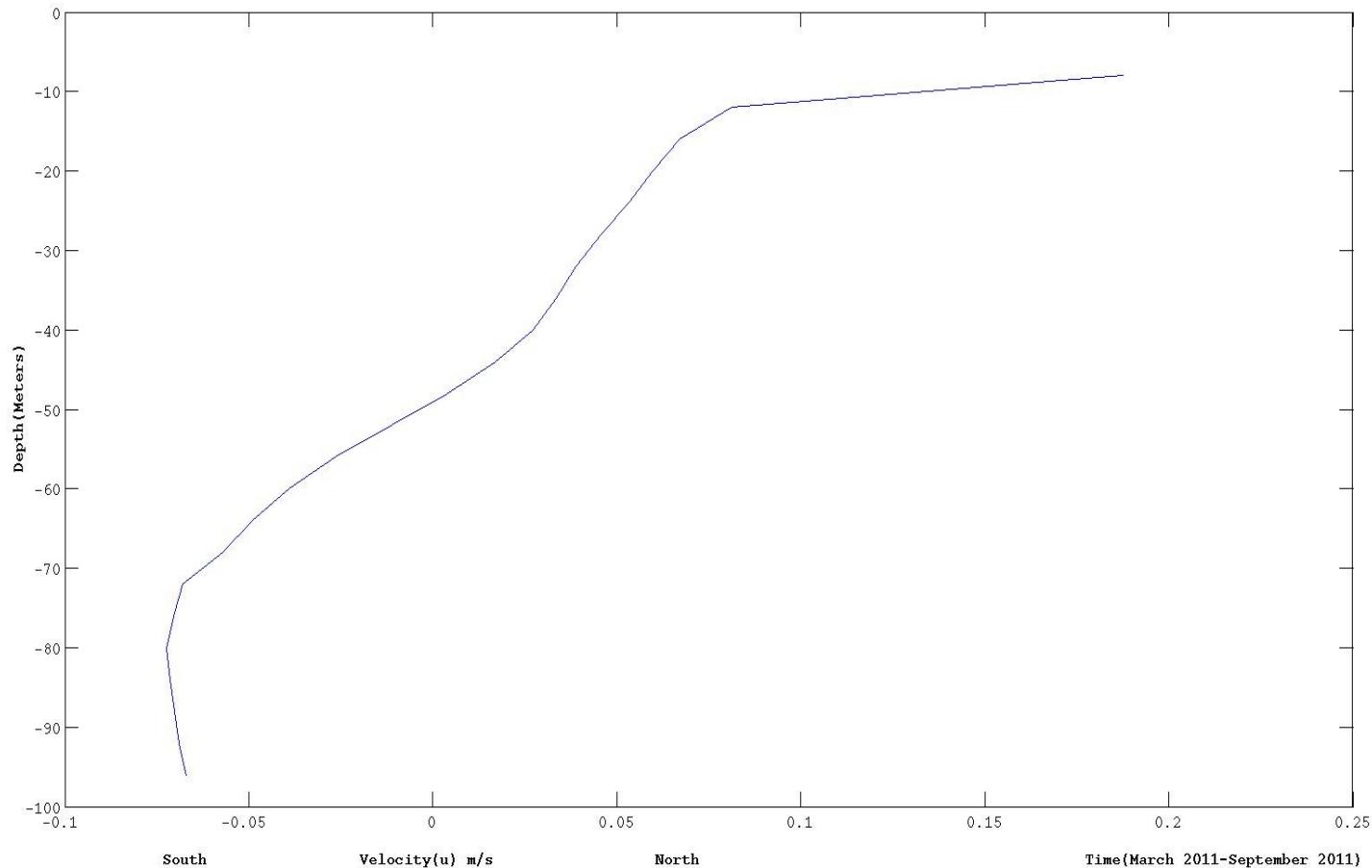
March 2011 - September 2011



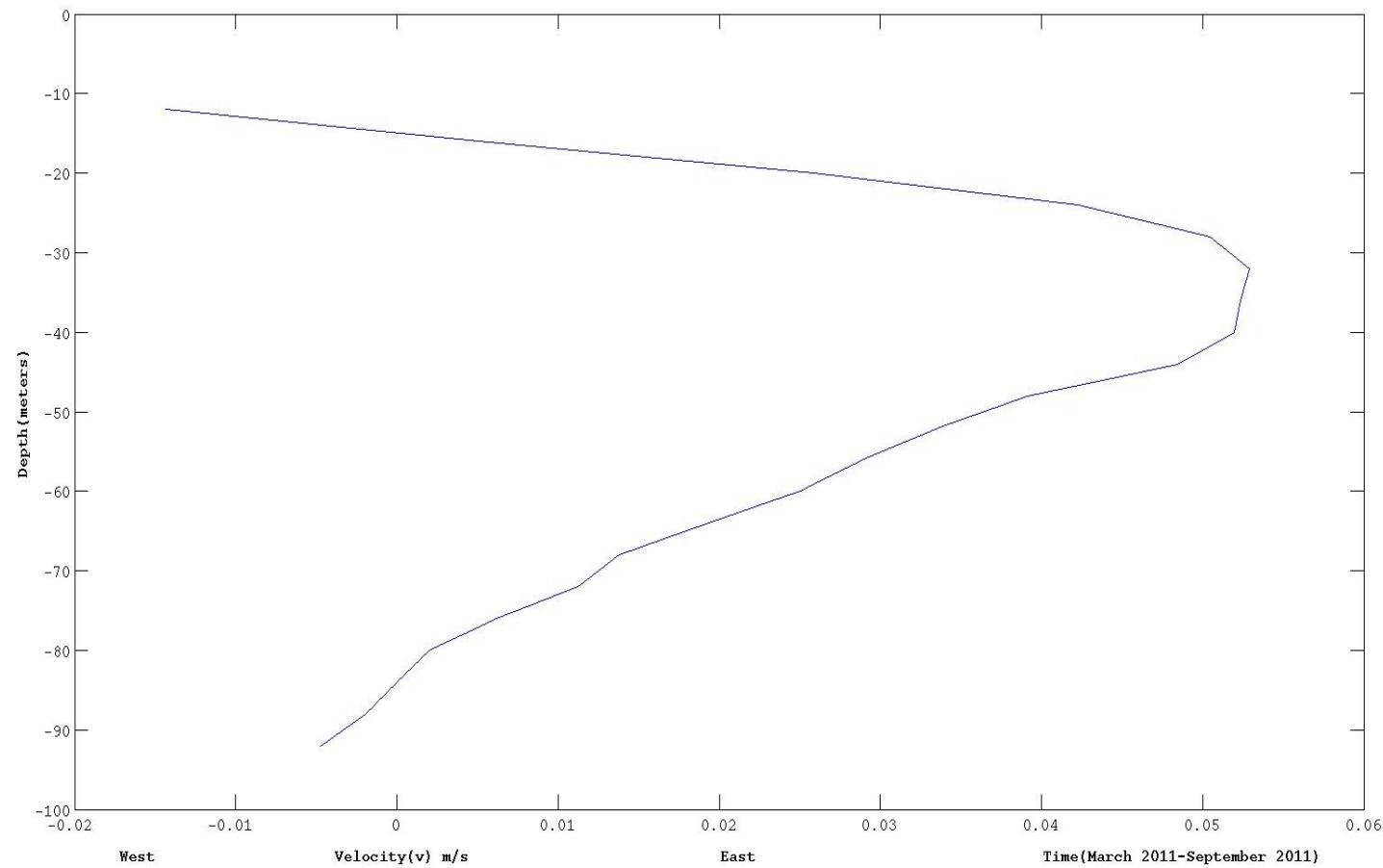
Depth vs Cross shore Velocity(v) March 2011 - September 2011



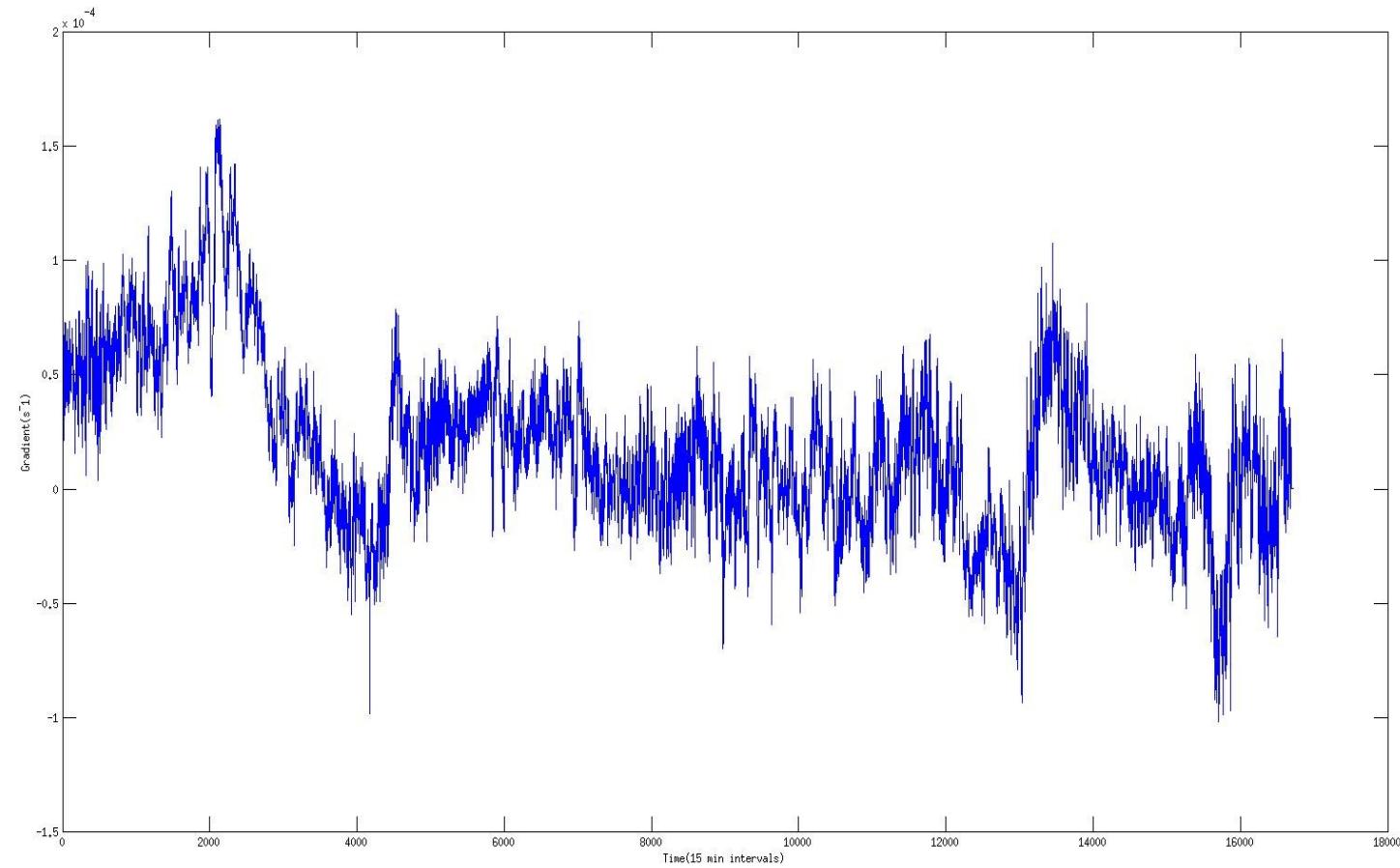
Depth vs Along shore Velocity (u) Averaged during March 2011 - September 2011



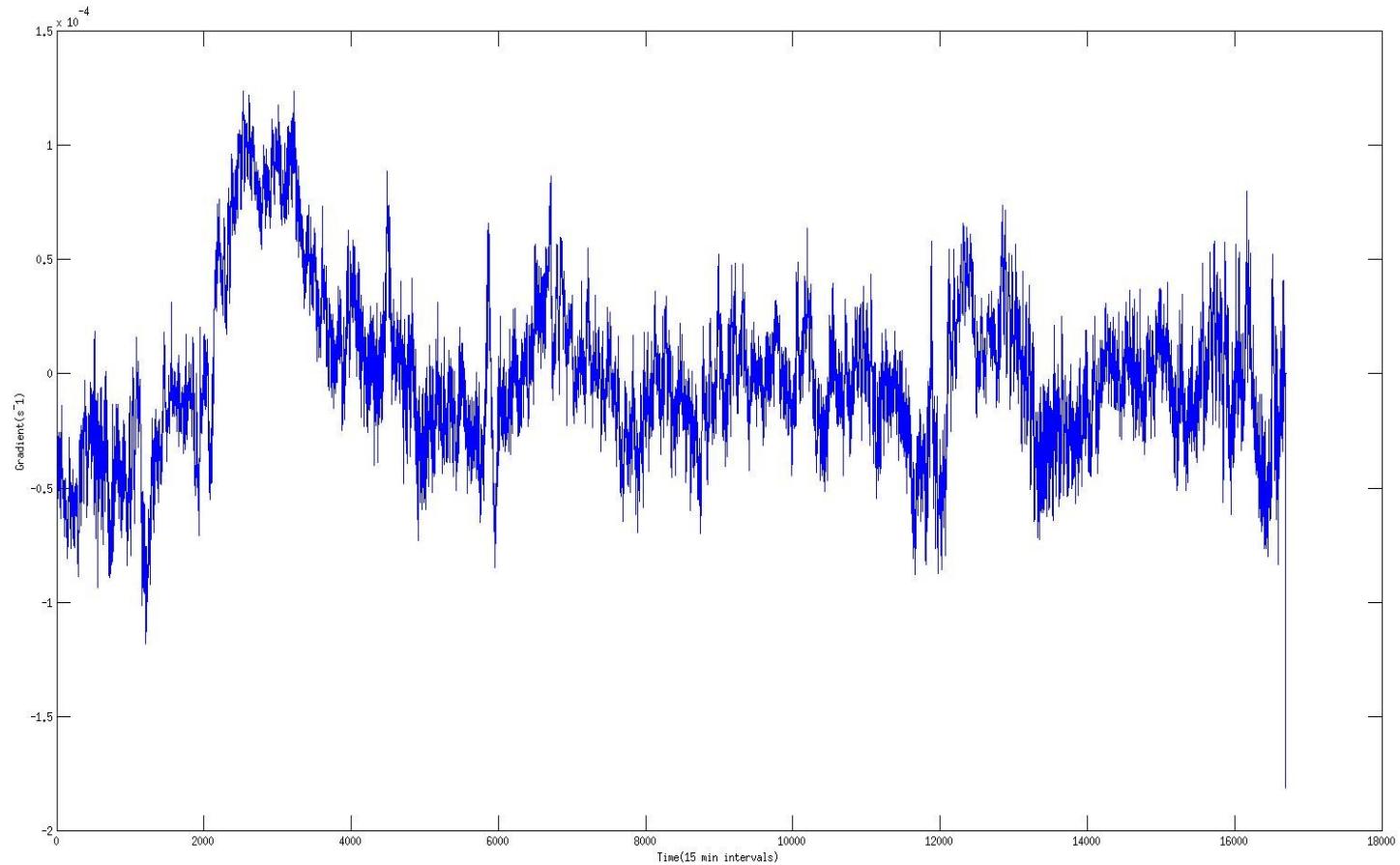
Depth vs Cross shore Velocity(v) Averaged during March 2011 - September 2011



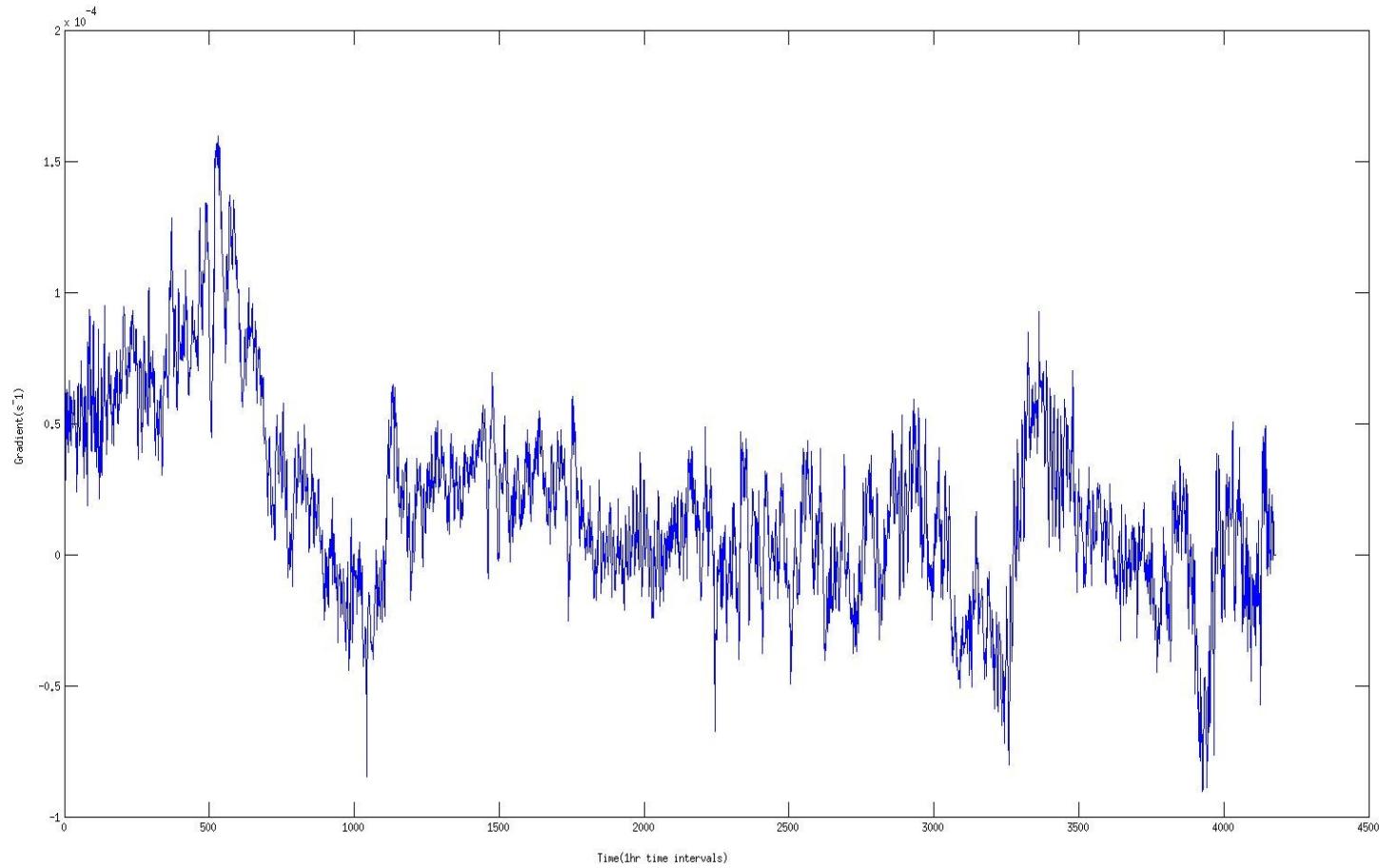
Shear($\Delta u / \Delta z$) vs Time (15 min intervals)



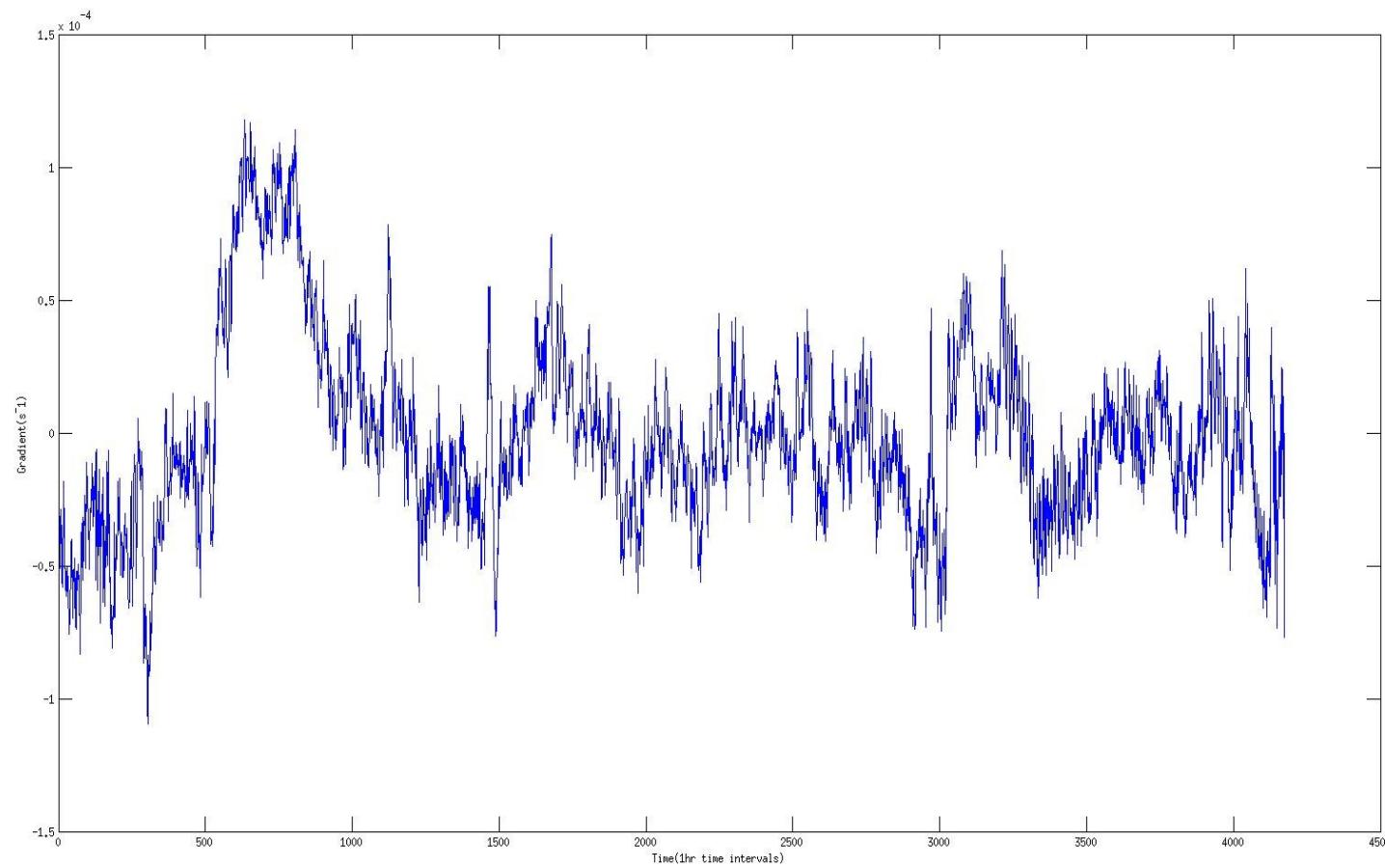
Shear $\Delta v/\Delta z$ vs Time (15 min intervals)



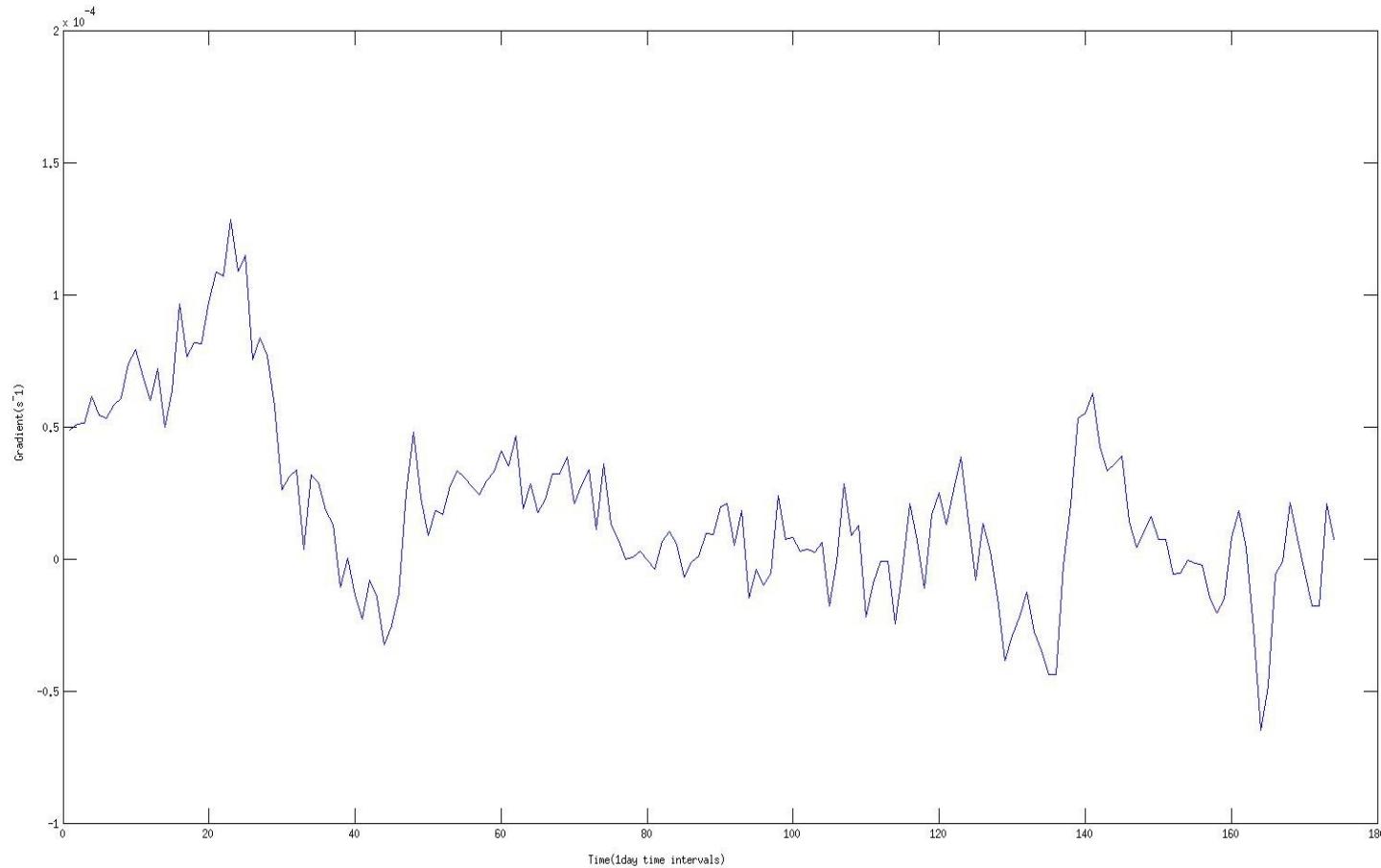
Shear $\Delta u/\Delta z$ vs Time (1 hr intervals)



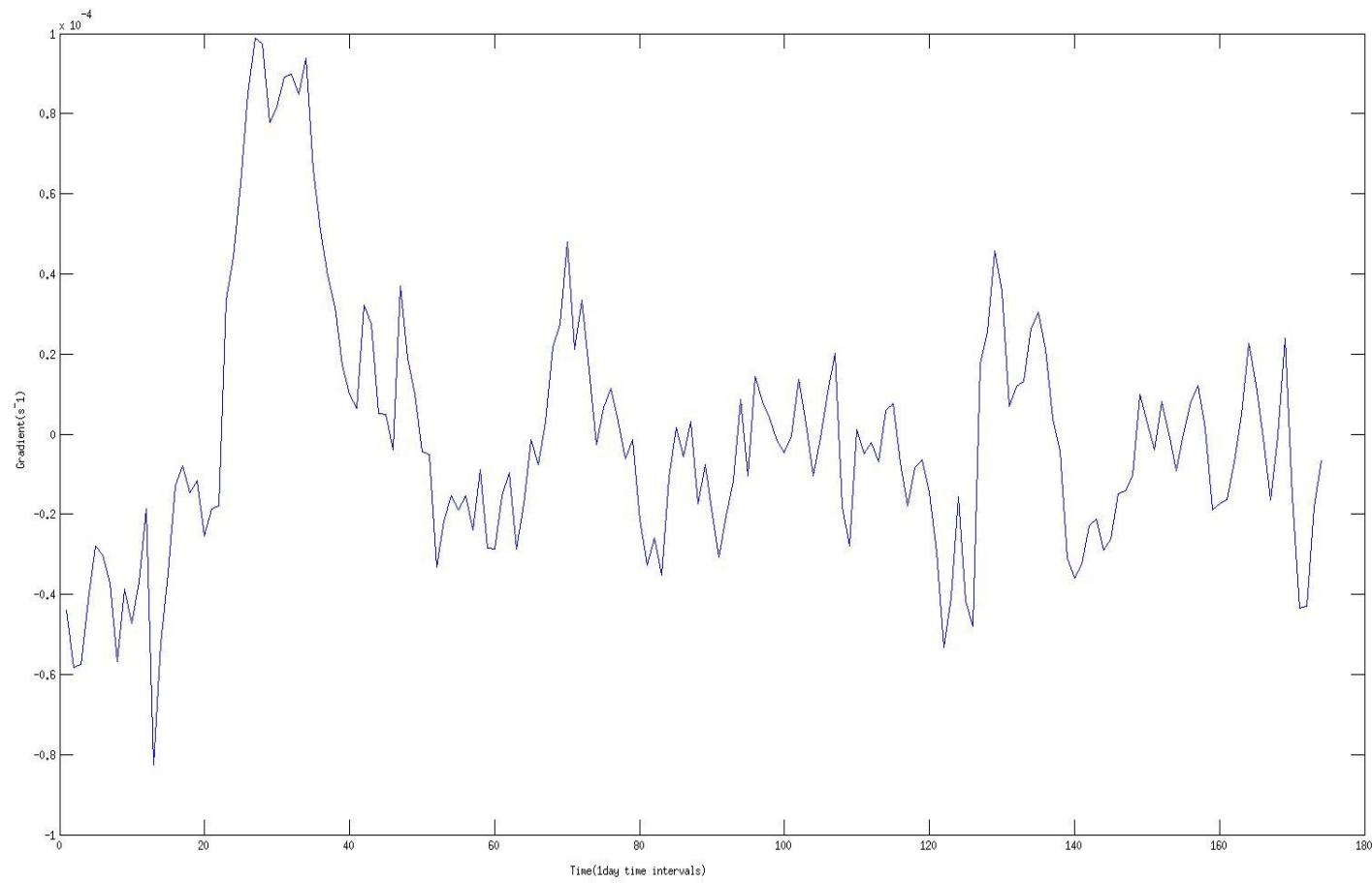
Shear $\Delta v / \Delta z$ vs Time (1 hr intervals)



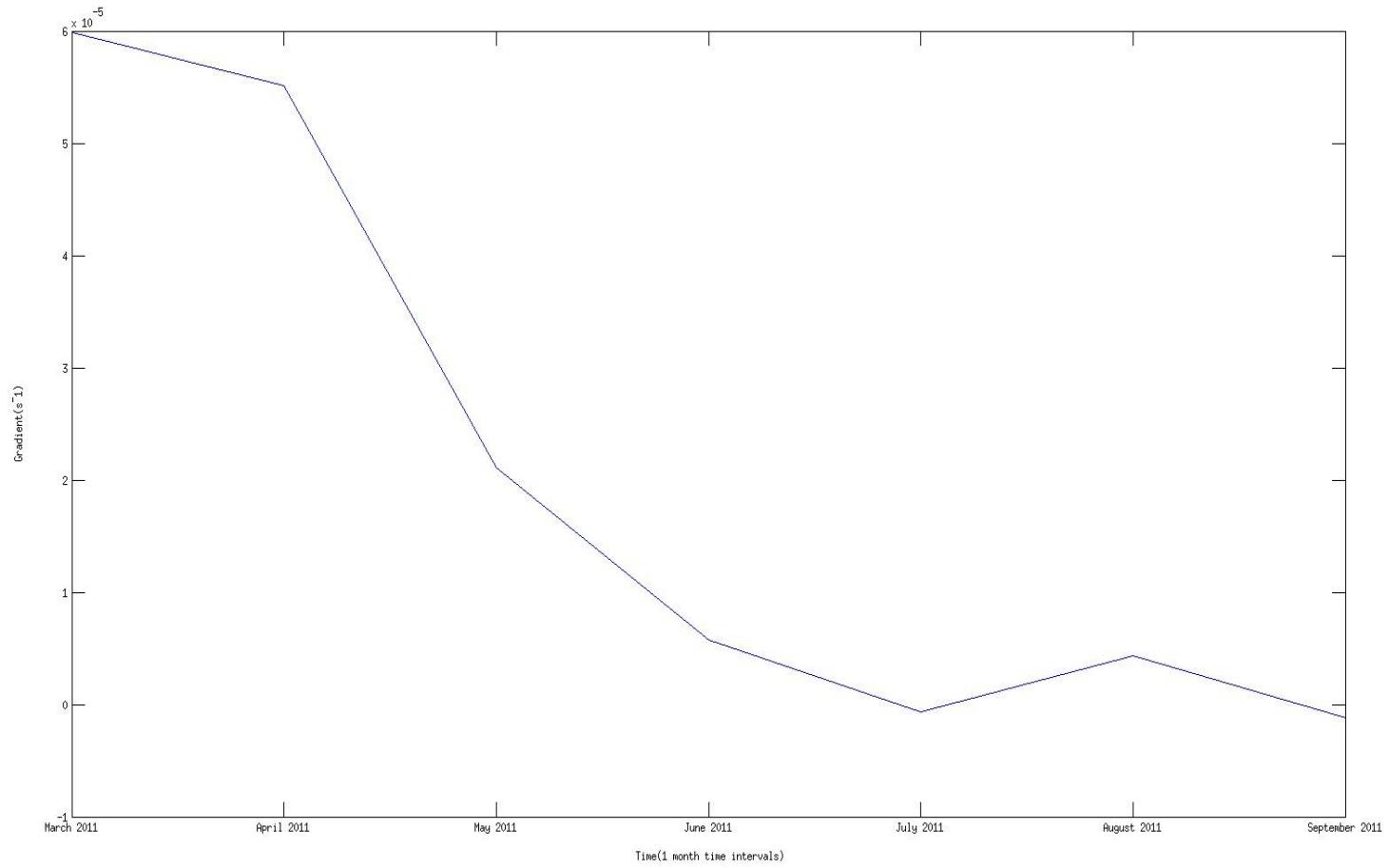
Shear $\Delta u/\Delta z$ vs Time (1 day intervals)



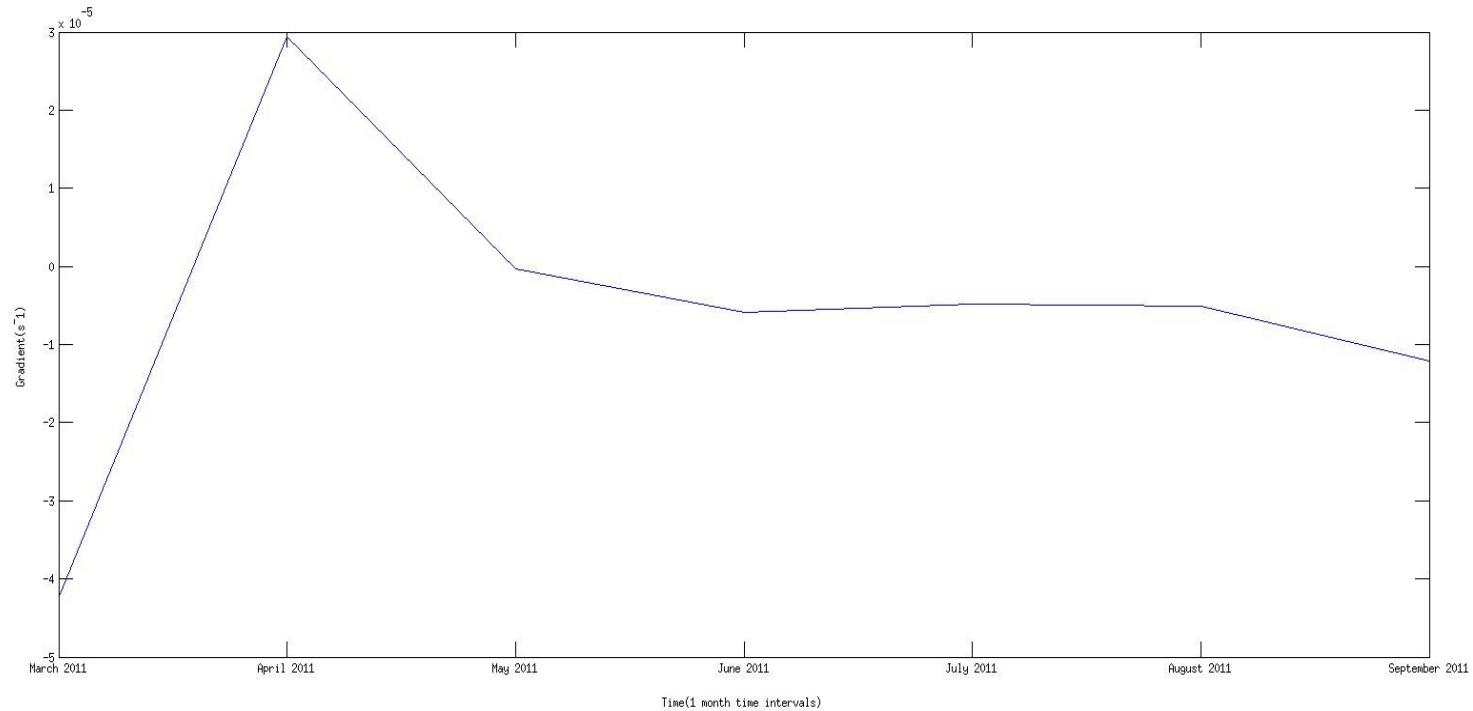
Shear $\Delta v/\Delta z$ vs Time (1 day intervals)



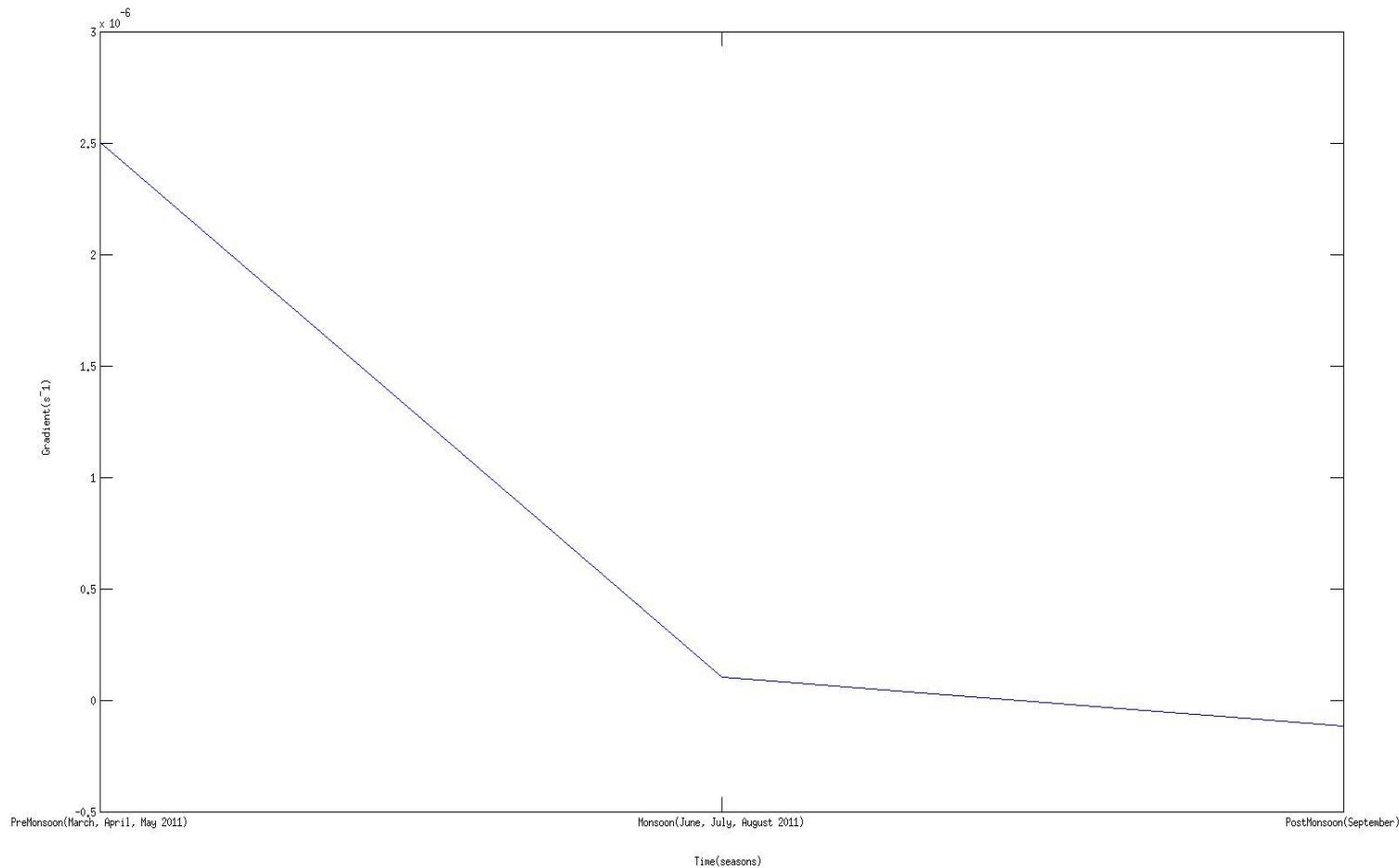
Shear $\Delta u/\Delta z$ vs Time (1 month intervals)



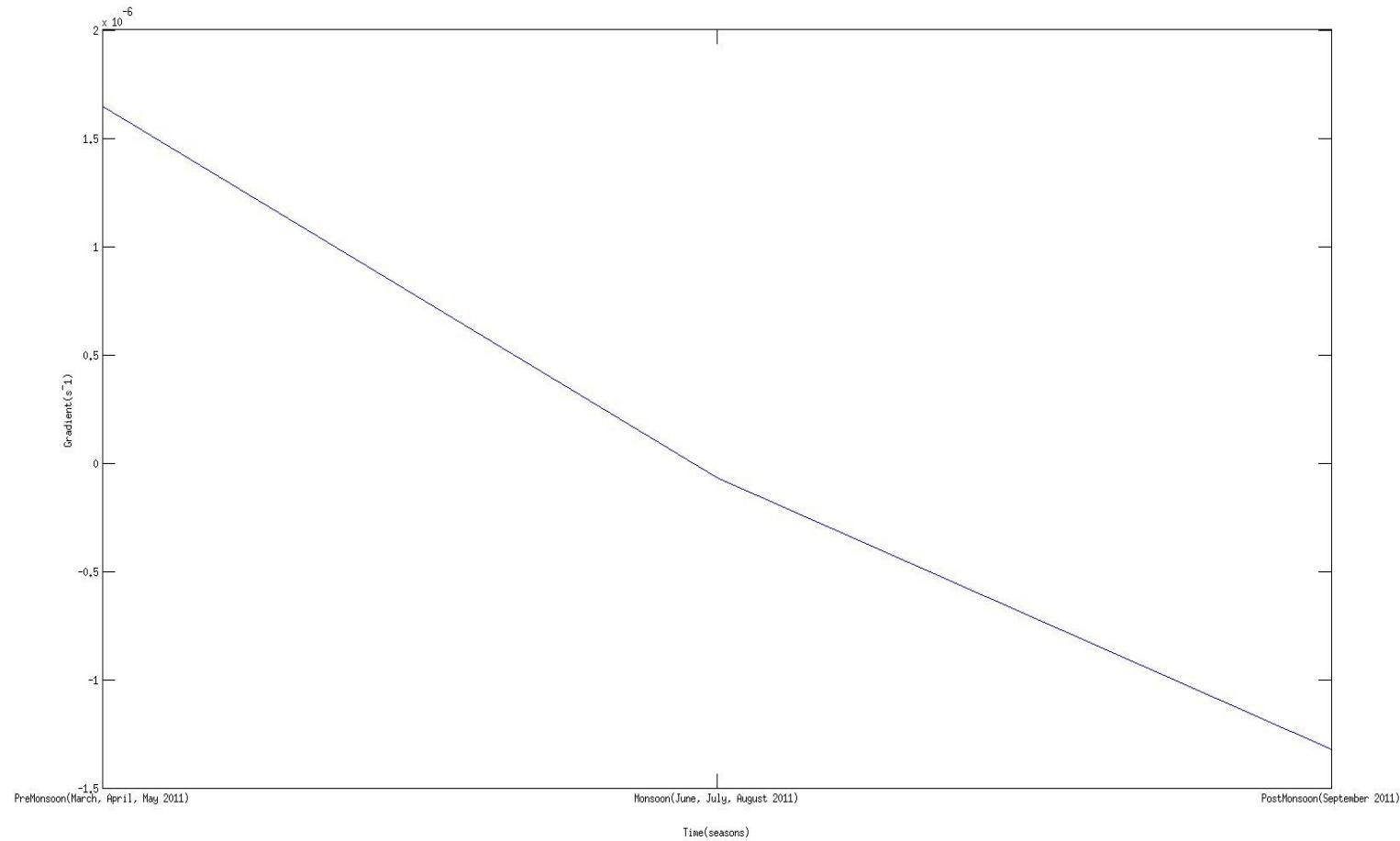
Shear $\Delta v/\Delta z$ vs Time (1 month intervals)



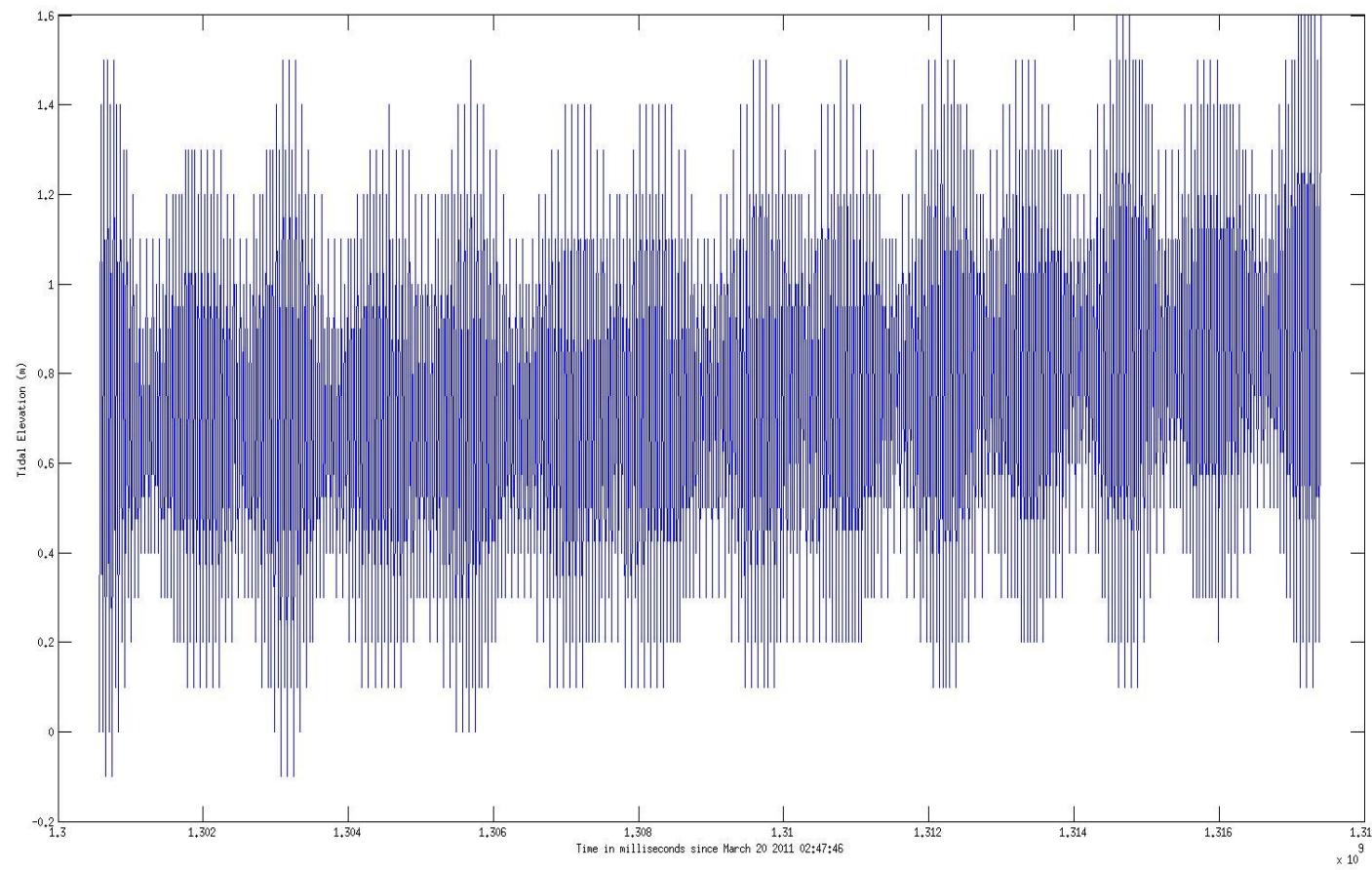
Shear $\Delta u/\Delta z$ vs Time (Seasons)



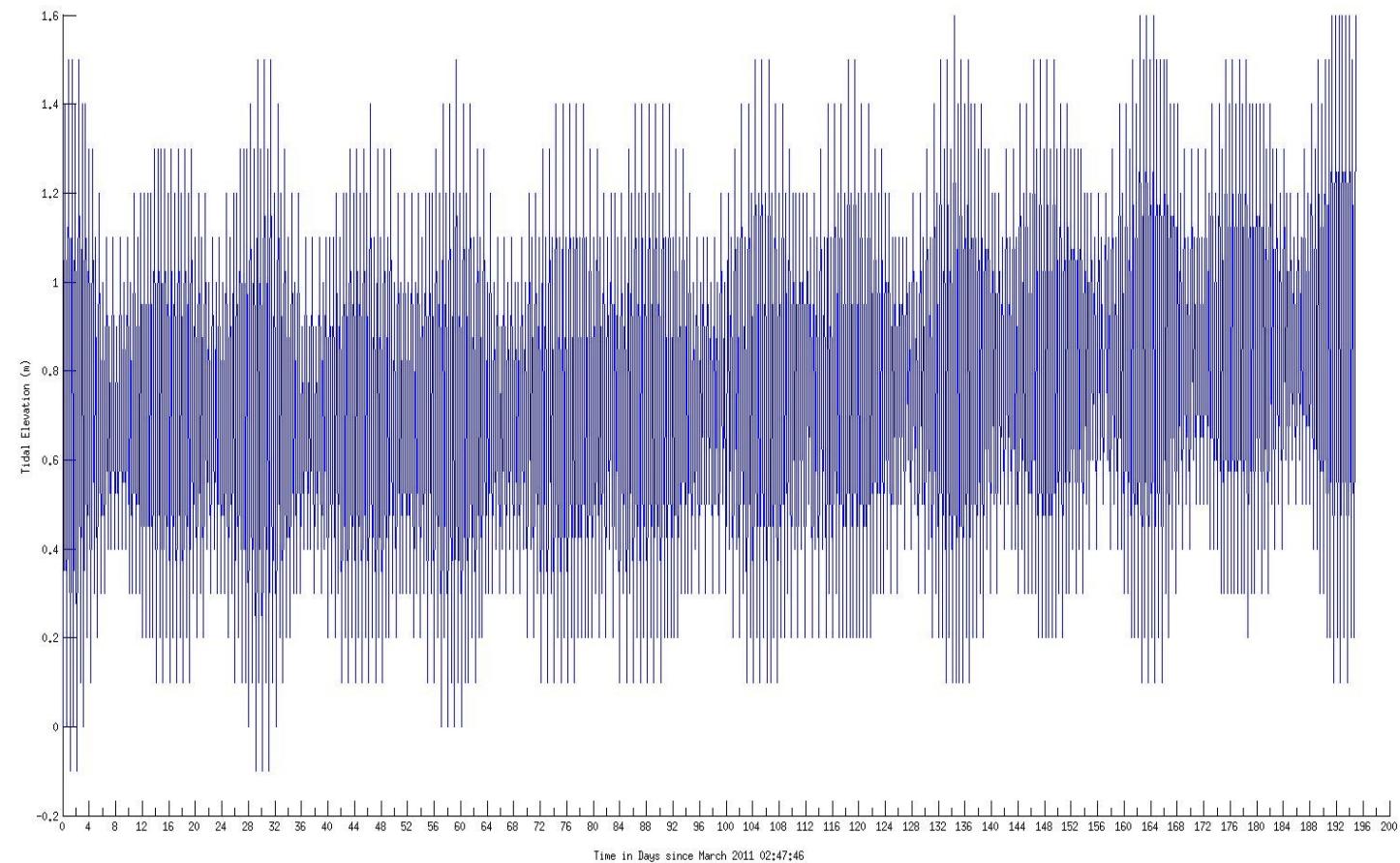
Shear $\Delta v/\Delta z$ vs Time (Seasons)



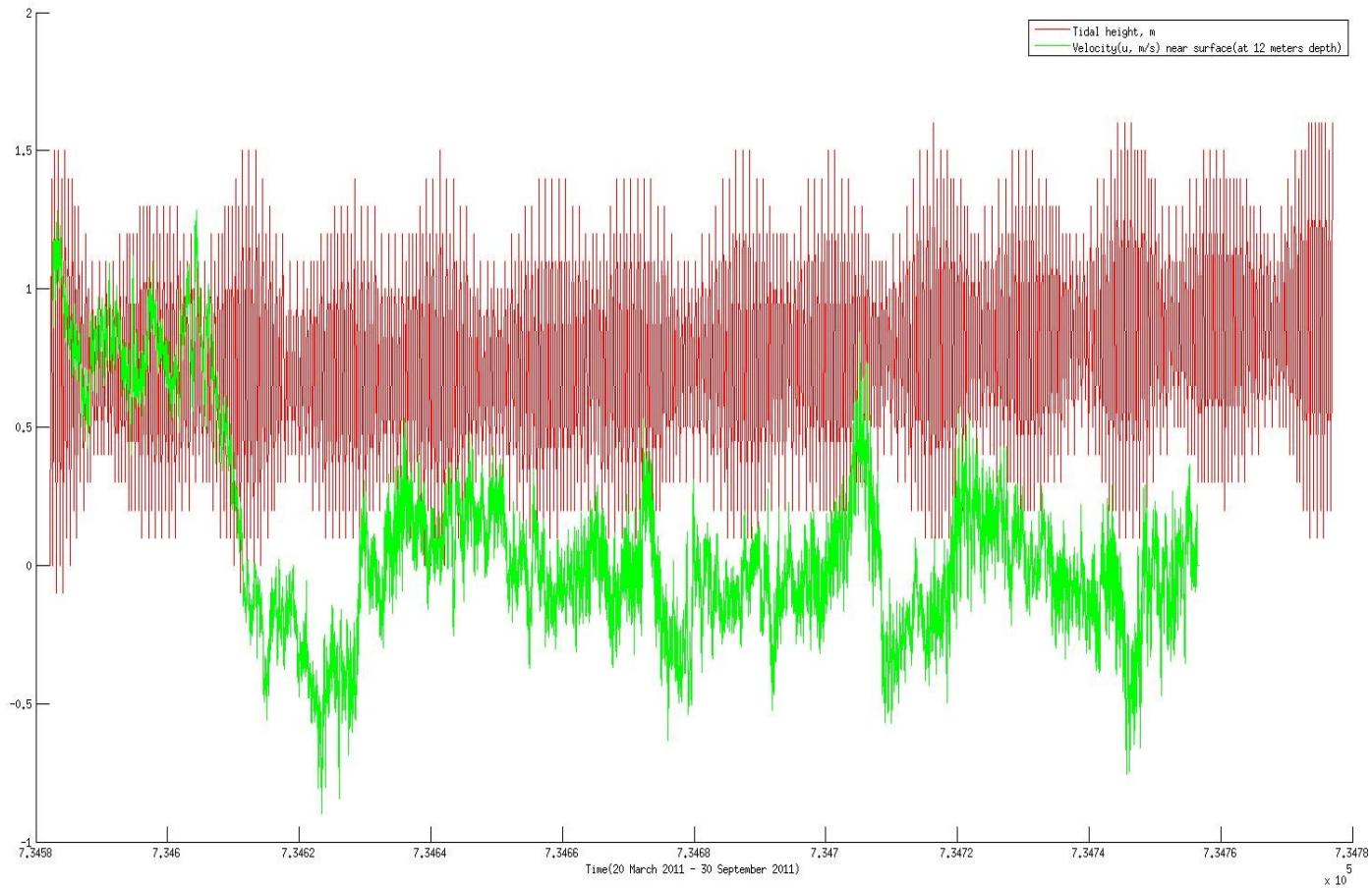
Tidal Elevation vs Time (milliseconds)



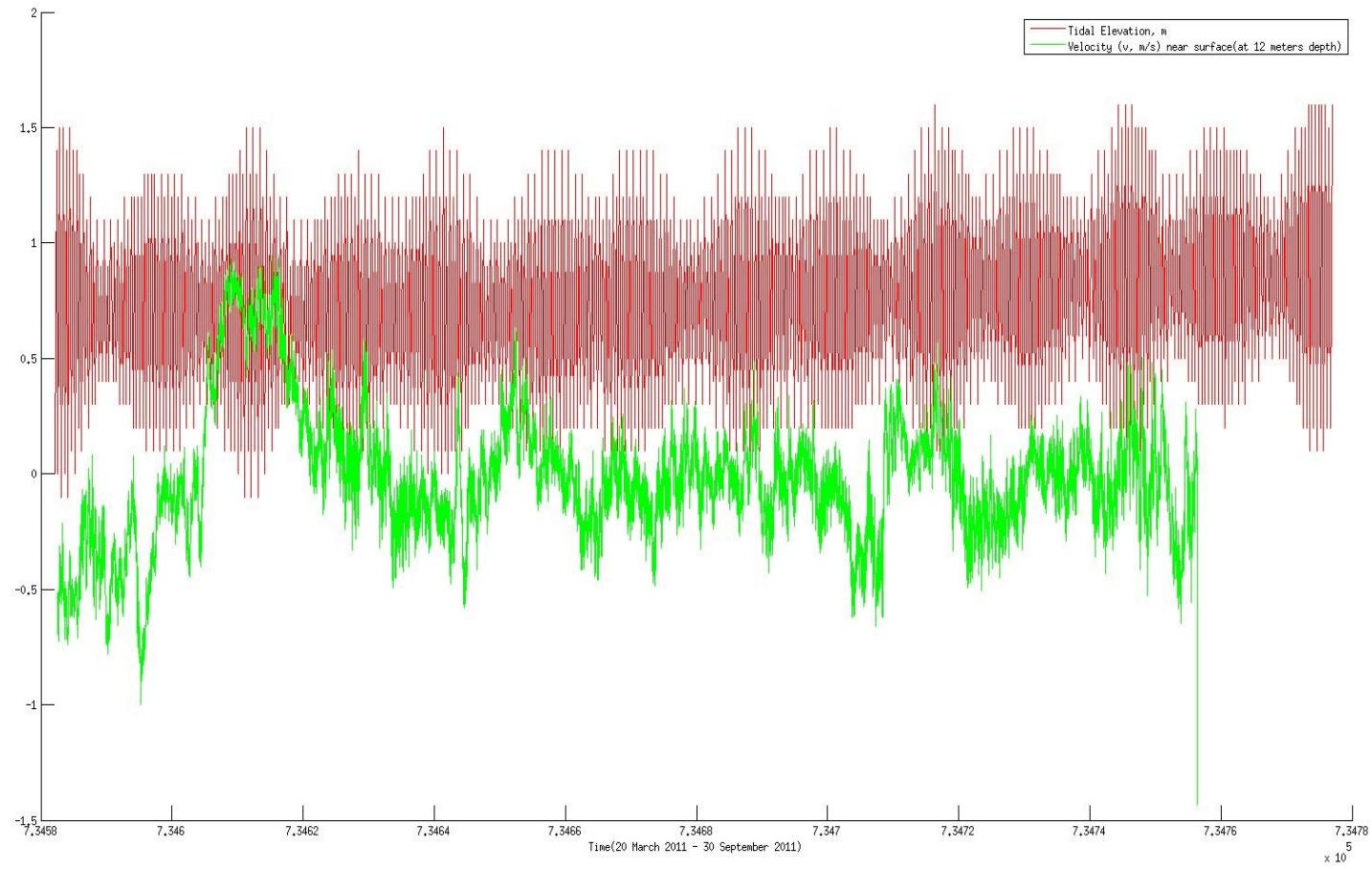
Tidal Elevation vs Time (days)



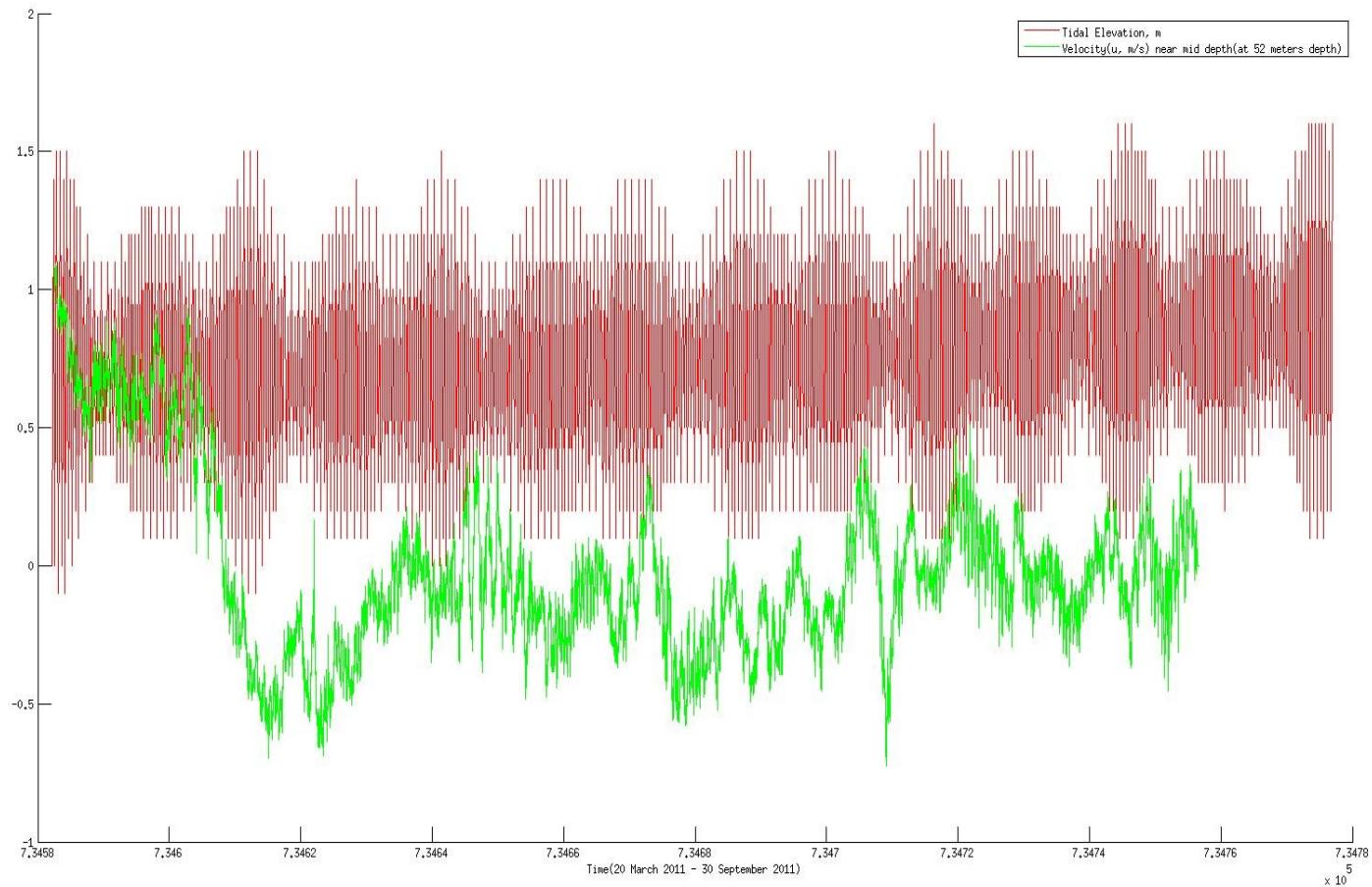
Tidal Elevation (m), Along shore Velocity (u) at surface vs Time



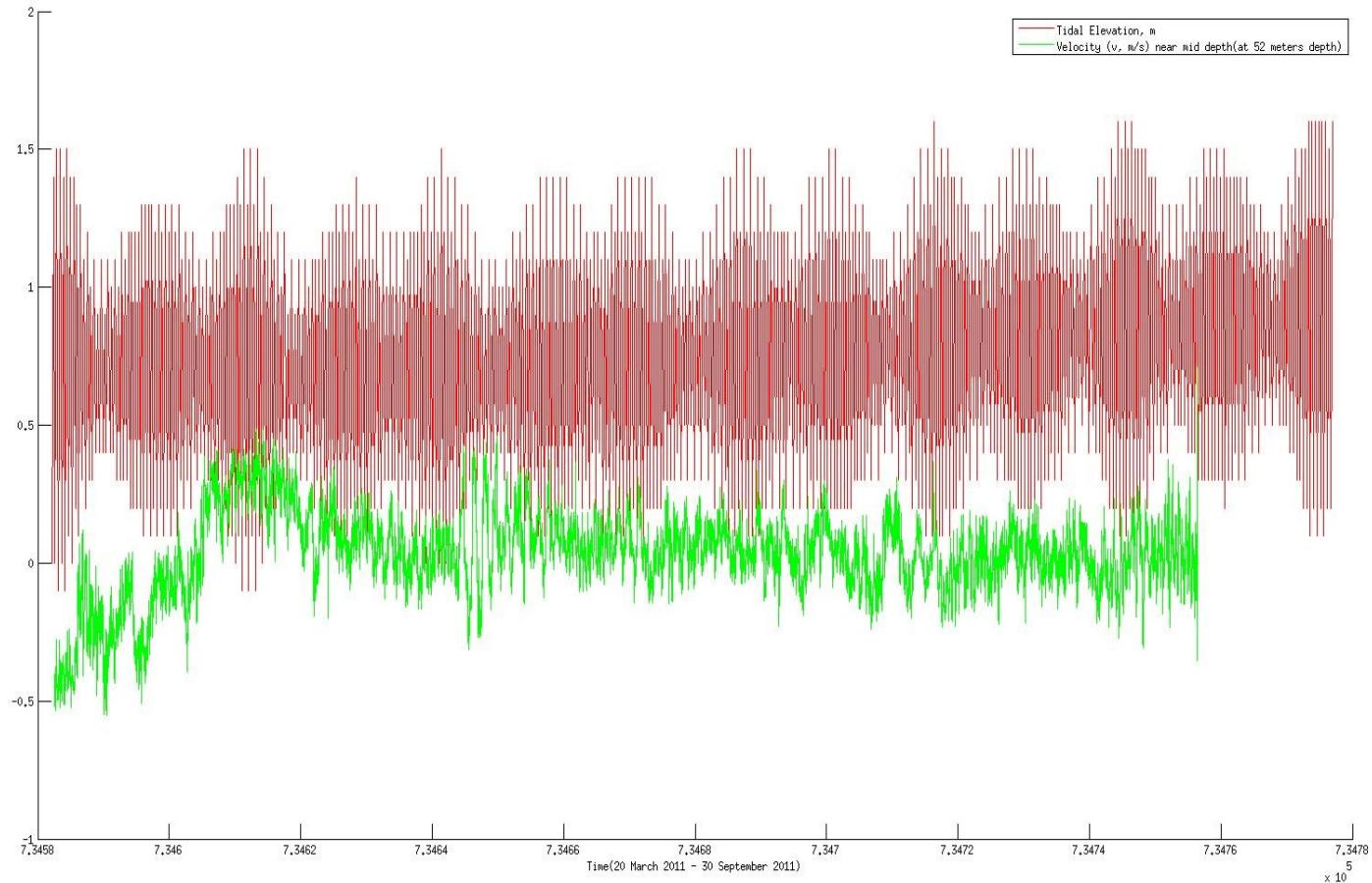
Tidal Elevation (m), Velocity (v) at surface vs Time



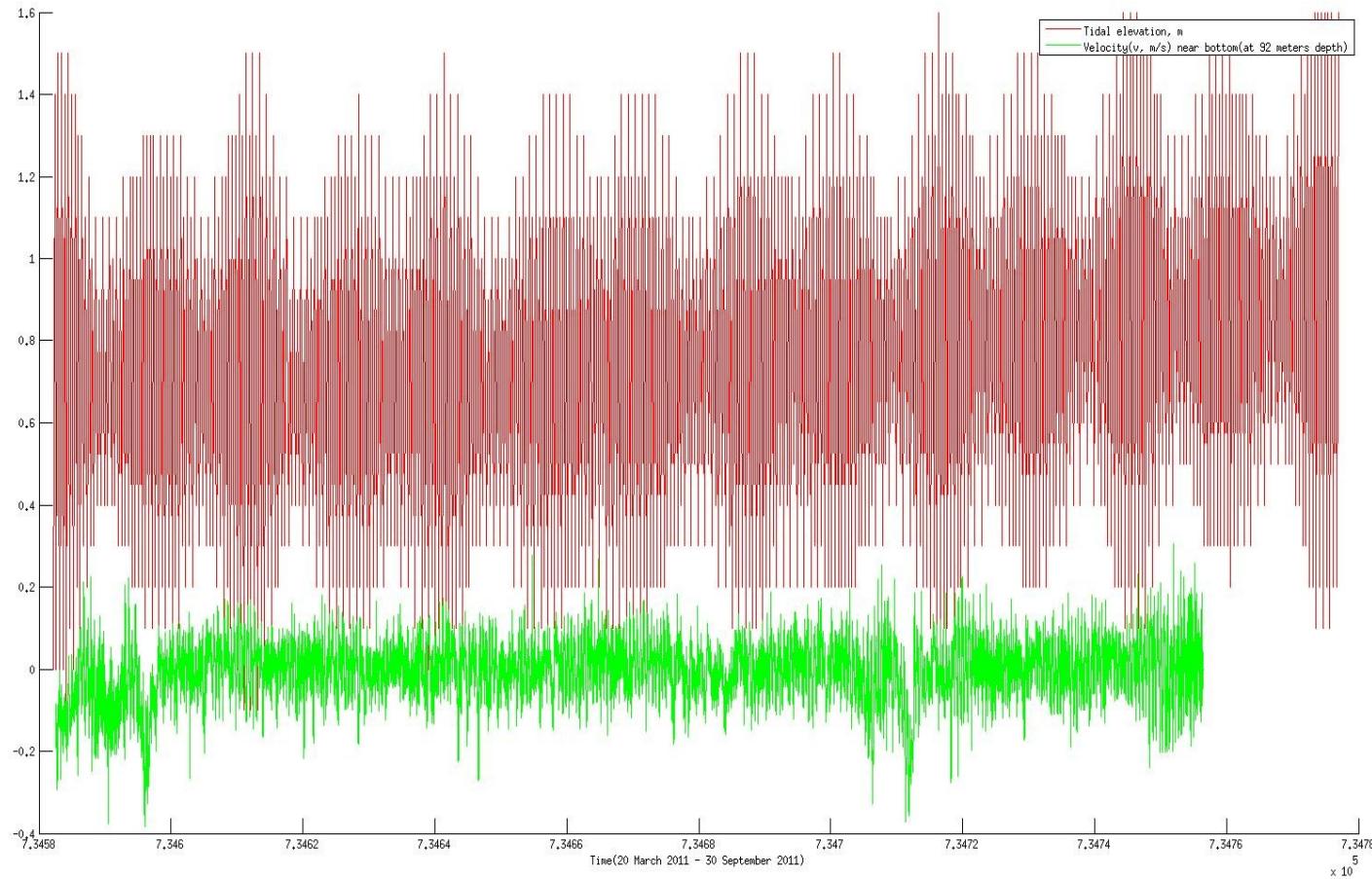
Tidal Elevation (m), Along shore Velocity (u) at mid depth vs Time



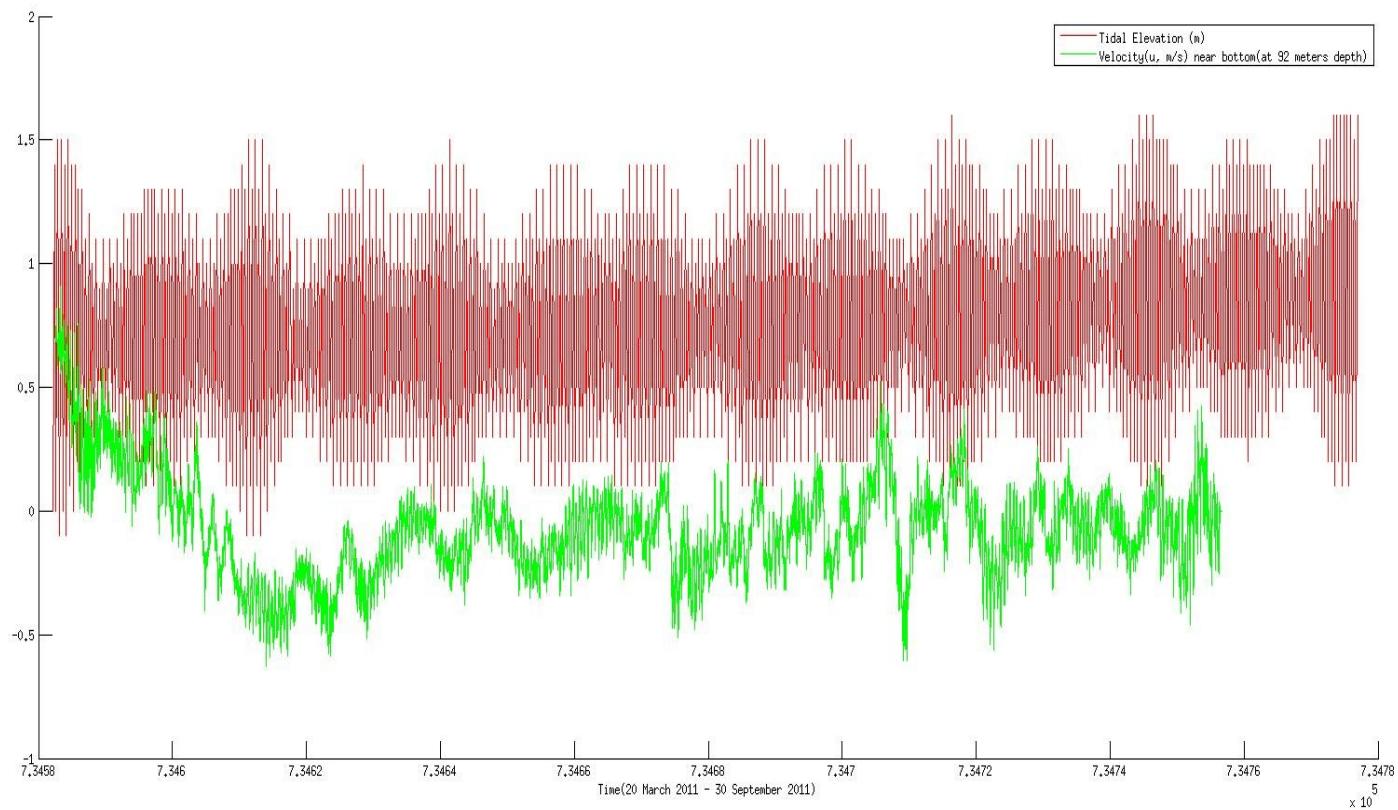
Tidal Elevation (m), Cross shore Velocity(v) at mid depth vs Time



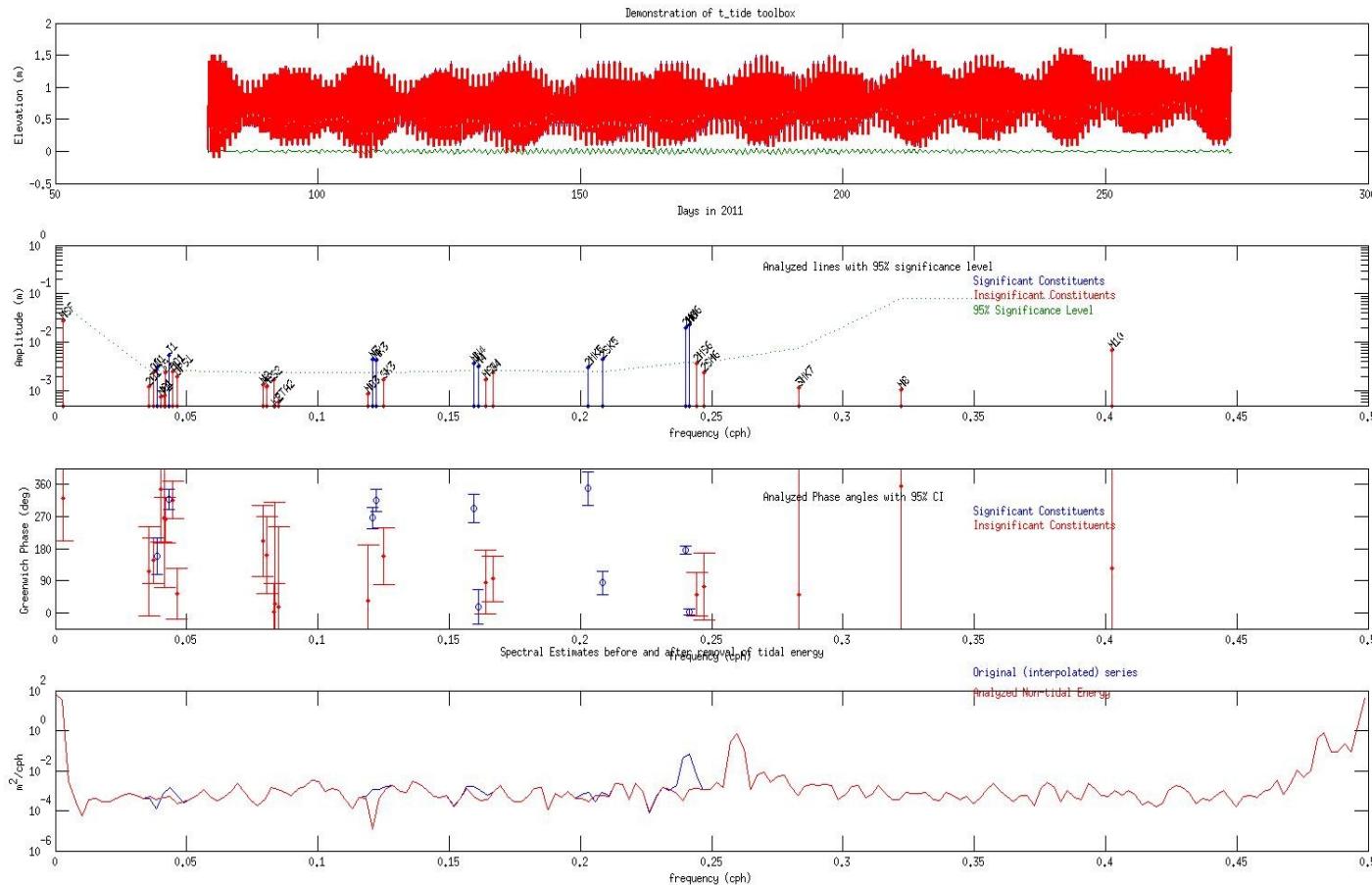
Tidal Elevation (m), Cross shore Velocity(v) near bottom vs Time



Tidal Elevation (m), Along shore Velocity (u) near bottom vs Time



Tidal Analysis



Thank you