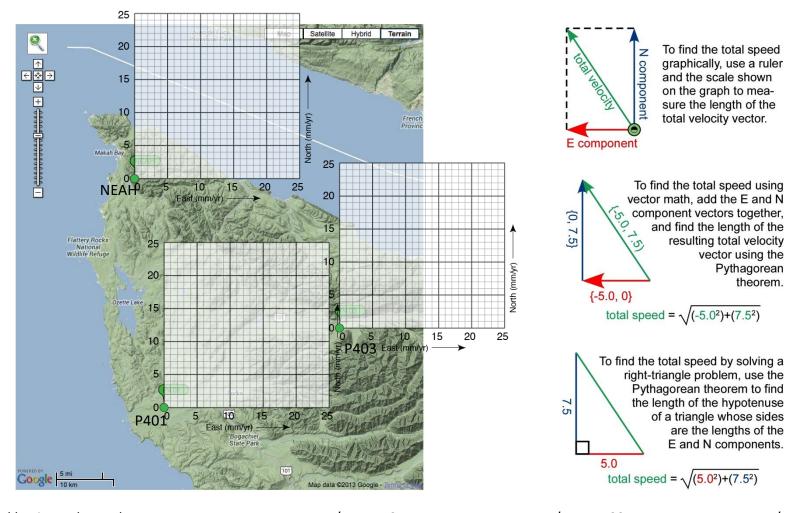
Olympic Peninsula Group

Datasheet for finding GPS location and velocity data from the EarthScope Network of the Americas (NOTA) website for sites NEAH, P401 and P403

Name:					
Date or	n which	the data were	acquired from	the NOTA website:	
Geogra	phic co	ordinates usin	g WGS 1984 da	tum, North American 20	08 stable reference frame (NAM08)
	Site	Decimal Lat	Decimal Long		
	NEAH				
	P401				
	P403				
GPS site	e veloc	ities relative to	NAM08, expre	essed in mm/year	
	Site	N Velocity ± U	Jncert	E Velocity ± Uncert	Height Velocity ± Uncert
	NEAH				
	P401				
	P403				

Now plot the horizontal velocities on the map on the following page.

Olympic Peninsula Group. Carefully draw the E-W and N-S velocity vectors associated with the three NOTA GPS sites shown as green dots in the map below. A negative east component is a vector pointing west, and a negative north component is a vector pointing south. The graphs are scaled in units of millimeters per year. Then draw the total horizontal velocity vector for each site, and determine the horizontal speed (that is, the length of the total horizontal velocity vector) of each site. You can determine the total horizontal speed by one of the methods shown at right below.



Total horizontal speeds: NEAH _____mm/yr; P401 _____mm/yr; P403 _____mm/yr

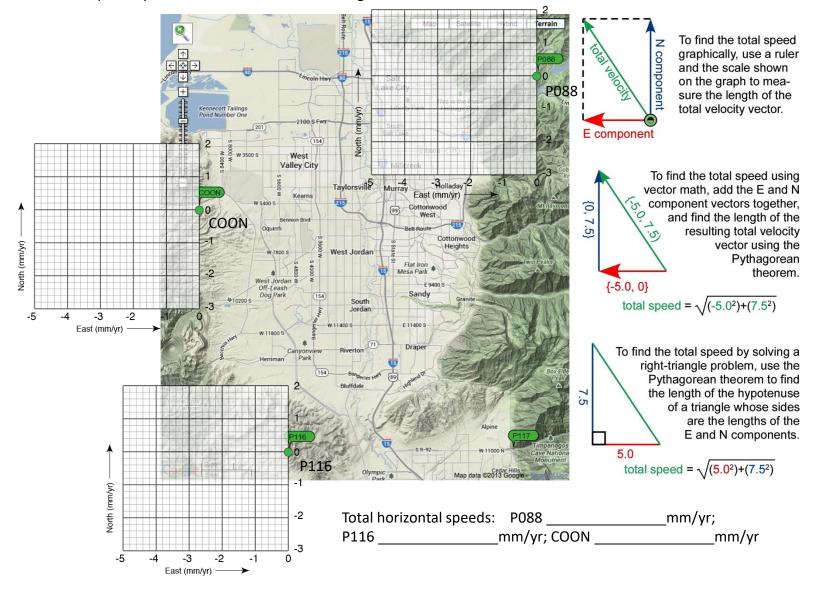
Wasatch Front Group

Datasheet for finding GPS location and velocity data from the EarthScope Network of the Americas (NOTA) website for sites P088, P116 and COON

Name:							
Date o	n which	the data were	e acquired from	the NOTA website:			
Geogra	aphic co	ordinates usin	g WGS 1984 da	tum, North American 2008 s	stable reference frame (NAM08)		
	Site	Decimal Lat	Decimal Long				
	P088				_		
	P116				_		
	COON				_		
GPS site velocities relative to NAM08, expressed in mm/year							
	Site	N Velocity ± U	Jncert	E Velocity ± Uncert	Height Velocity ± Uncert		
	P088						
	P116						
	COON						

Now plot the horizontal velocities on the map on the following page.

Wasatch Front Group. Carefully draw the E-W and N-S velocity vectors associated with the three NOTA GPS sites shown as green dots in the map below. A negative east component is a vector pointing west, and a negative north component is a vector pointing south. The graphs are scaled in units of millimeters per year. Then draw the total horizontal velocity vector for each site, and determine the horizontal speed (that is, the length of the total horizontal velocity vector) of each site. You can determine the total horizontal speed by one of the methods shown at right below.



San Andreas Group

Datasheet for finding GPS location and velocity data from the EarthScope Network of the Americas (NOTA) website fo	r sites
P538, P539 and P541	

Name:				
Date on whic	ch the data were	acquired fro	m the NOTA website:	
Geographic (coordinates usin	g WGS 1984 (datum, North American 20	08 stable reference frame (NAM08)
Site	Decimal Lat	Decimal Lor	ng	
P538				
P539	,			
P541	,			
GPS site velo	ocities relative to	NAM08, exp	ressed in mm/year	
Site	N Velocity ± U	Jncert	E Velocity ± Uncert	Height Velocity ± Uncert
P538				
P539				
P541				

Now plot the horizontal velocities on the map on the following page.

San Andreas group. Carefully draw the E-W and N-S velocity vectors associated with the three NOTA GPS sites shown as green dots in the map below. A negative east component is a vector pointing west, and a negative north component is a vector pointing south. The graphs are scaled in units of millimeters per year. Then draw the total horizontal velocity vector for each site, and determine the horizontal speed (that is, the length of the total horizontal velocity vector) of each site. You can determine the total horizontal speed by one of the methods shown at right below.

