



$X_{GSM}$	9.71601	7.40245	5.04879	2.66785	0.272309	-2.12525	-4.56193
$Y_{GSM}$	28.7027	31.9831	35.4296	35.7182	32.7496	27.4517	24.9433
$Z_{GSM}$	22.2899	18.6666	12.4563	12.7016	19.4536	26.4229	28.5822
$Y_{GSE}$	35.1149	35.4460	35.5811	35.5217	35.2699	34.8287	34.1867
$Z_{GSE}$	9.36096	10.7209	12.0166	13.2411	14.3879	15.4507	16.4432