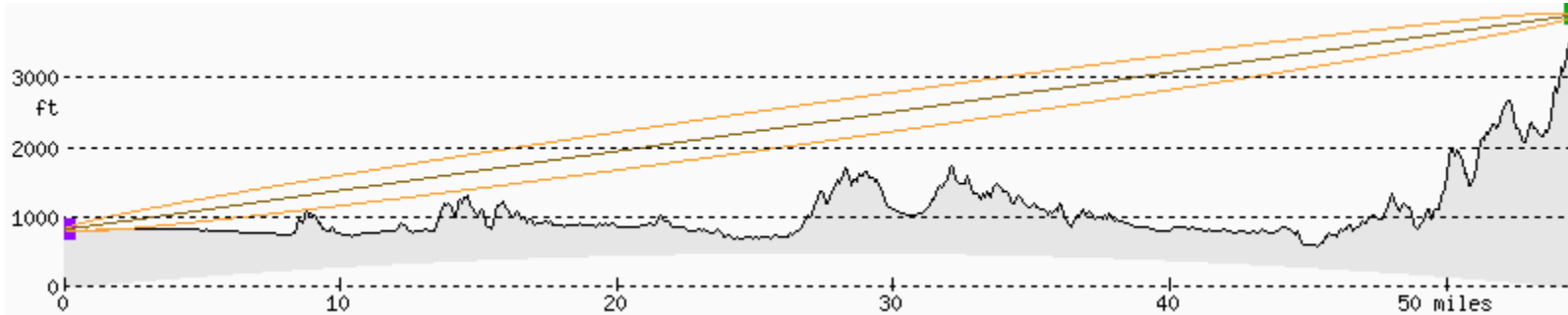


KPARN FRESNEL PATH – KP PAN CITY MC

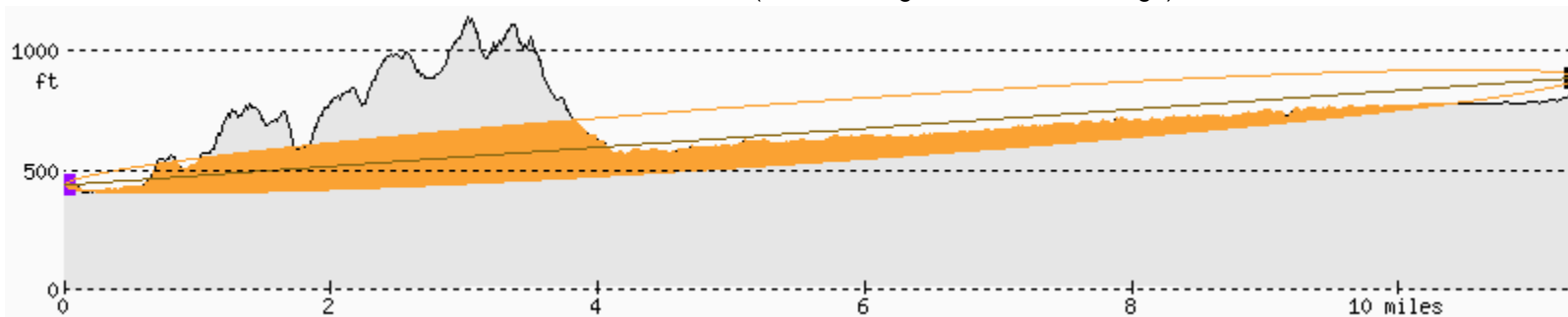
JANUARY, 2012

PLEASANT PEAK 109°/0°/55 miles (50 ft above ground, 100 miles range)



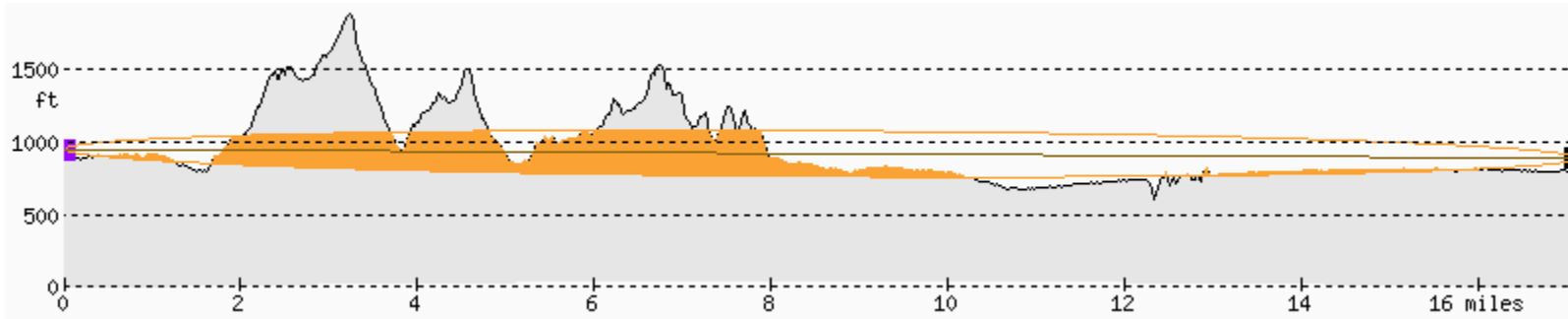
PLEASANT PEAK TO KP PAN CITY - YES

PAN CITY 304°/0°/11 miles (85 ft above ground, 50 miles range)



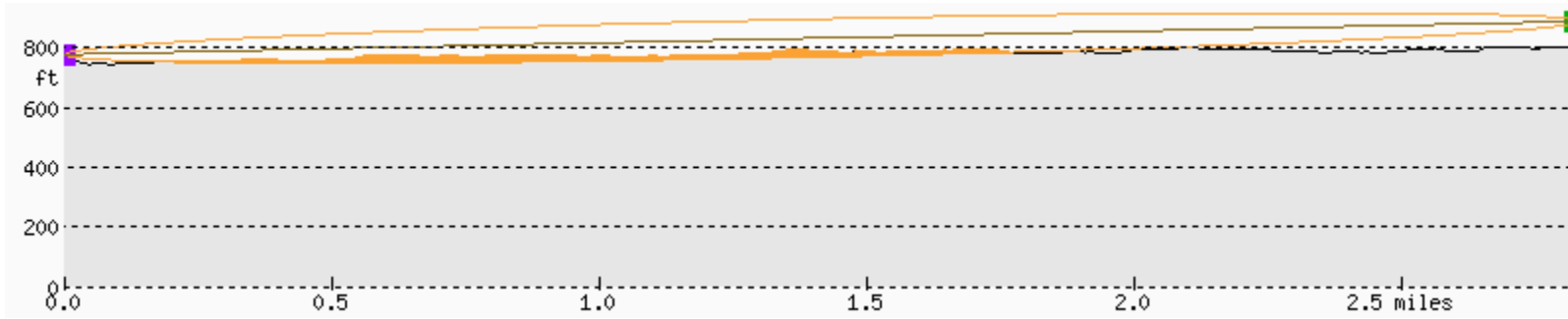
KP PAN CITY TO KP LAMC - NO

PAN CITY 273°/0°/17 miles (85 ft above ground, 50 miles range)



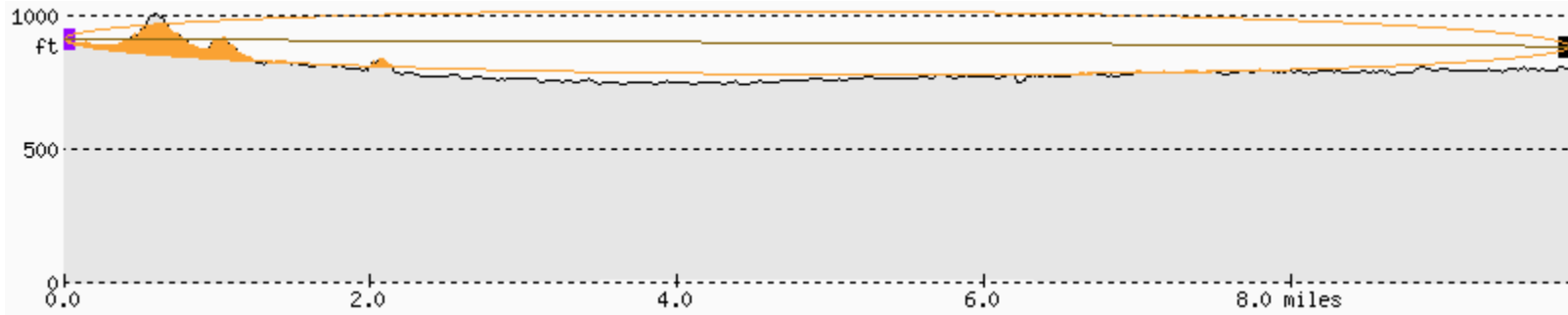
KP PAN CITY TO PASADENA REOC - NO

PAN CITY 283°/0°/3 miles (85 ft above ground, 50 miles range)



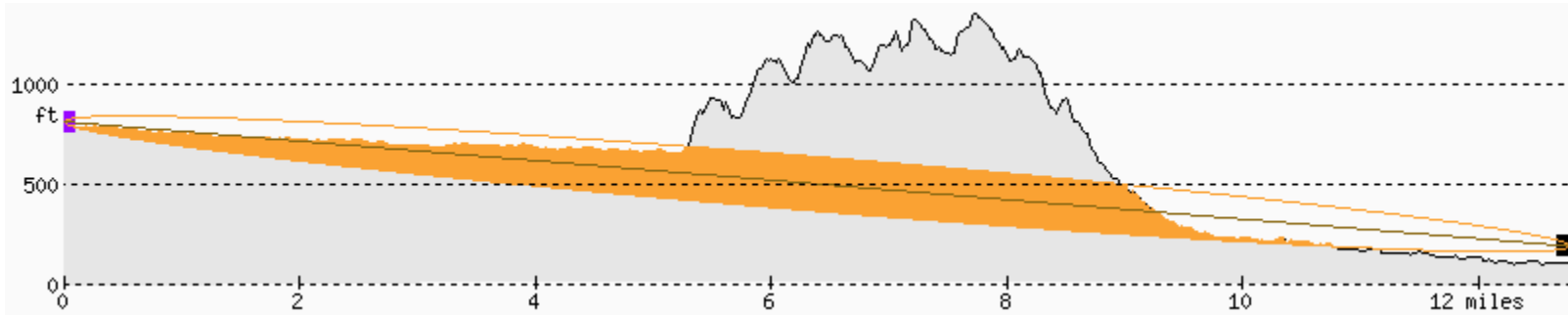
KP PAN CITY TO SHERMAN WAY LAB - YES

PAN CITY 57°/0°/10 miles (85 ft above ground, 50 miles range)



KP PAN CITY TO KP WOODLAND HILLS - MARGINAL

WEST LA 153°/-1°/13 miles (85 ft above ground, 25 miles range)



KP WEST LA TO KP PAN CITY - NO