

Planetary Probes

22 Nov.

Miles - JPL

$$C_3 \equiv 2 \times \frac{\text{total energy}}{\text{unit mass}} = V^2 - 2 \frac{GM}{R} = V^2$$

Ranger I-IX Moon

Mariner I-II Venus

Mariner ~~III~~ -IV Mars

Mariner V Venus

Marinener '69 Mars

Russian

Venus

Venus I

WT(lb)

1419

Venus

" II

2100

"

" III

2112

"

" IV

2433

"

Mars

Mars I

Zond