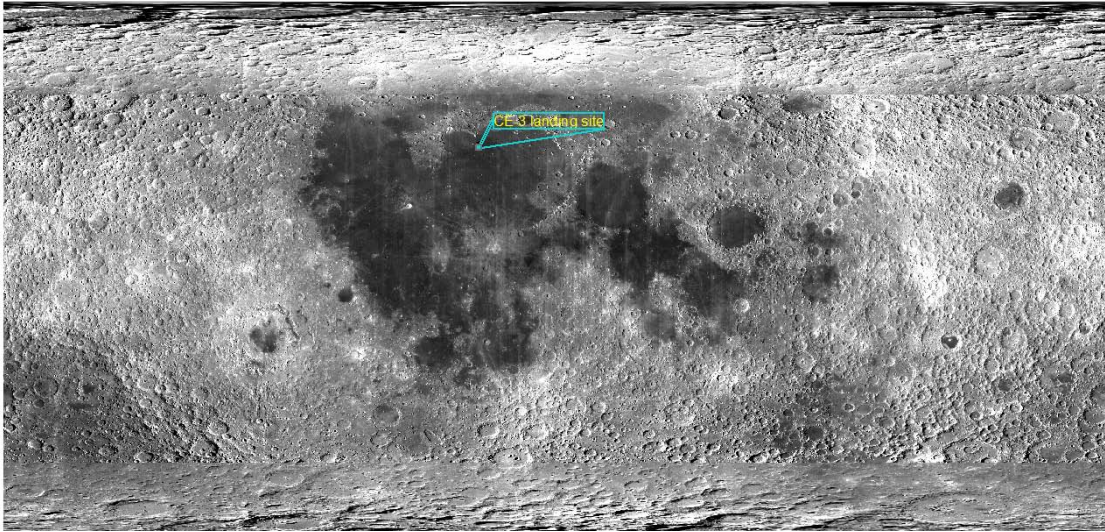


# The landing site of Chang'e-3 (CE-3)

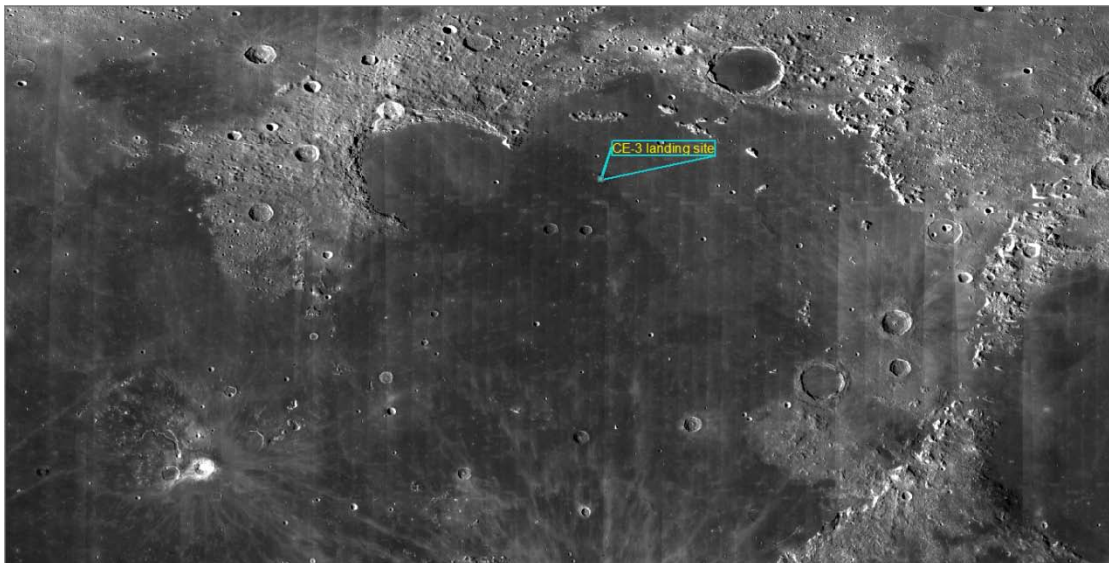


The location of the landing site of Chang'e 3:  $-19.51^{\circ}$  W,  $44.12^{\circ}$  N

Located in the northern Mare Imbrium, North hemisphere, the nearside of the Moon.

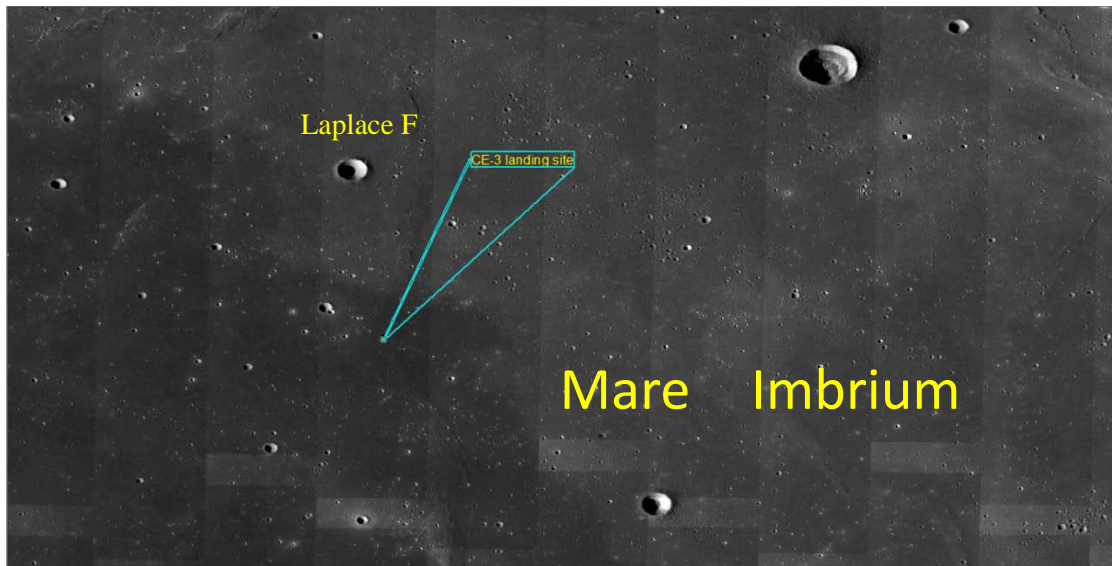
嫦娥三号着陆点经纬度：西经-19.51 度，北纬 44.12 度

位于月球北半球雨海北部平坦地区。



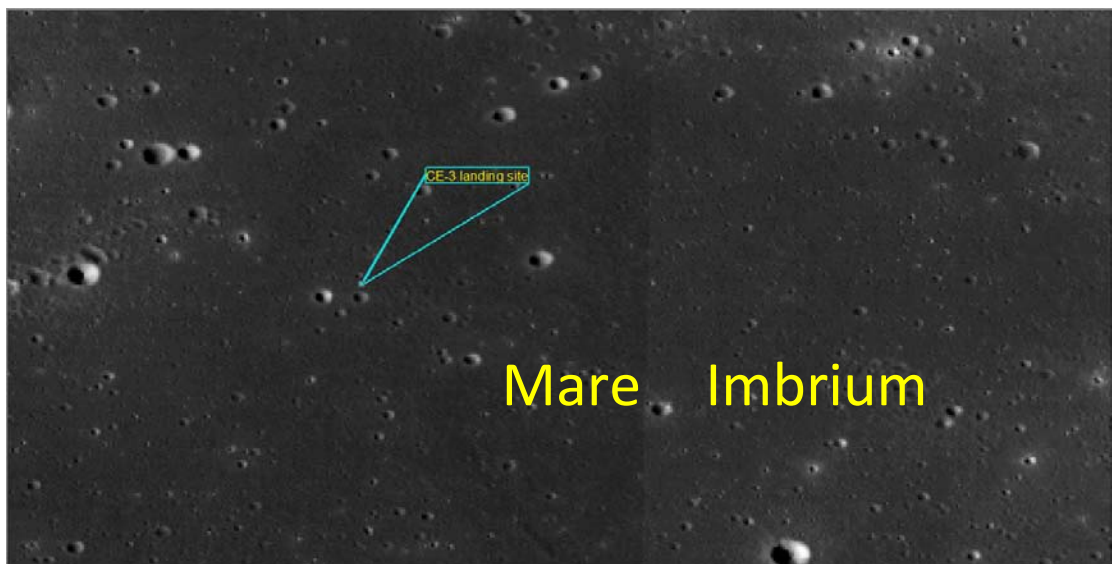
The location of the landing site of Chang'e 3:  $-19.51^{\circ}$  W,  $44.12^{\circ}$  N

嫦娥三号着陆点经纬度：西经 19.51 度，北纬 44.12 度



The location of the landing site of Chang'e 3:  $-19.51^{\circ}$  W,  $44.12^{\circ}$  N

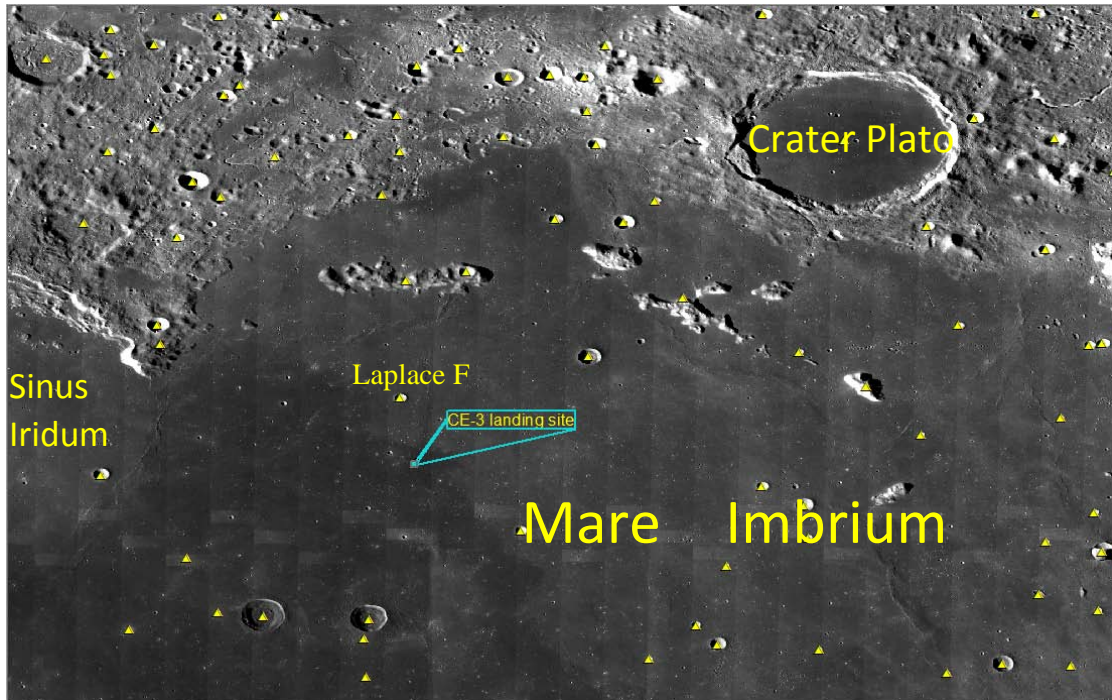
嫦娥三号着陆点经纬度：西经 19.51 度，北纬 44.12 度



The location of the landing site of Chang'e 3:  $-19.51^{\circ}$  W,  $44.12^{\circ}$  N

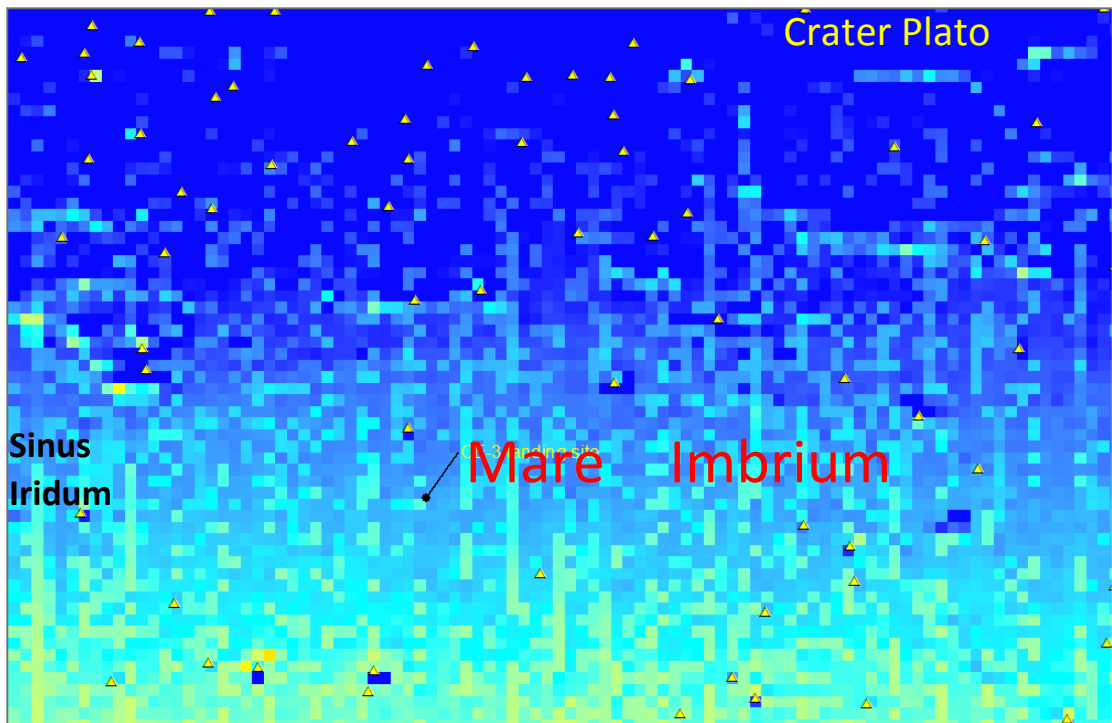
嫦娥三号着陆点经纬度：西经 19.51 度，北纬 44.12 度





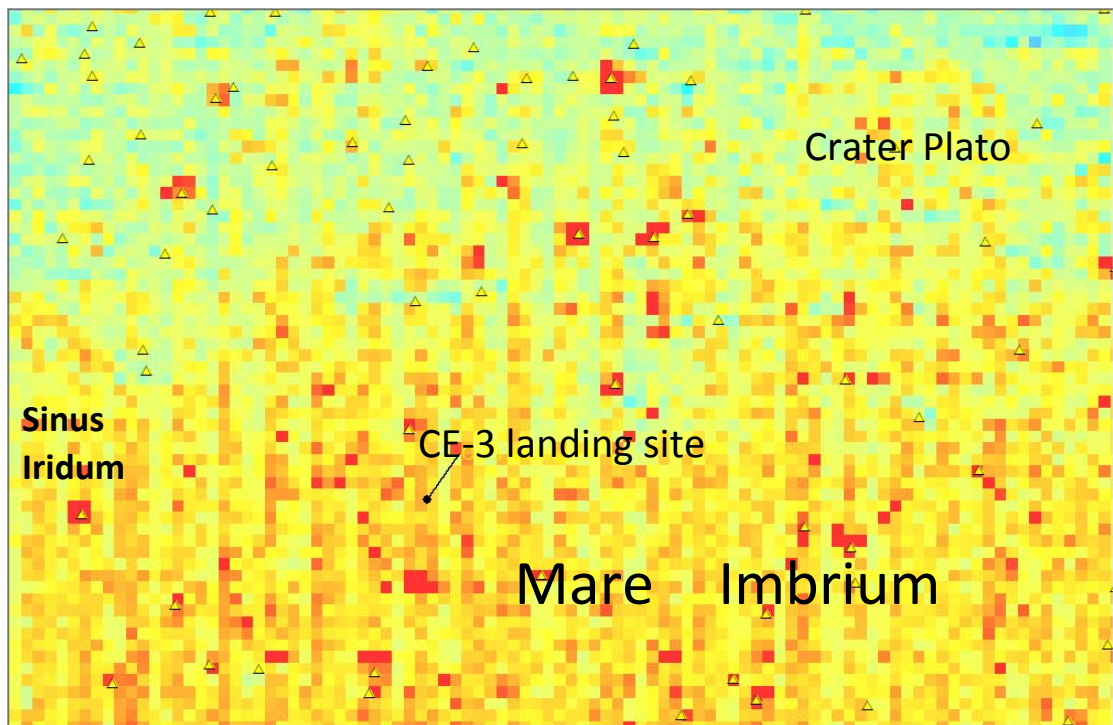
The nearest nominated crater in the Chang'e 3 landing site is Laplace F.

离嫦娥三号着陆点最近的已经命名的撞击坑为“拉普拉斯 F”



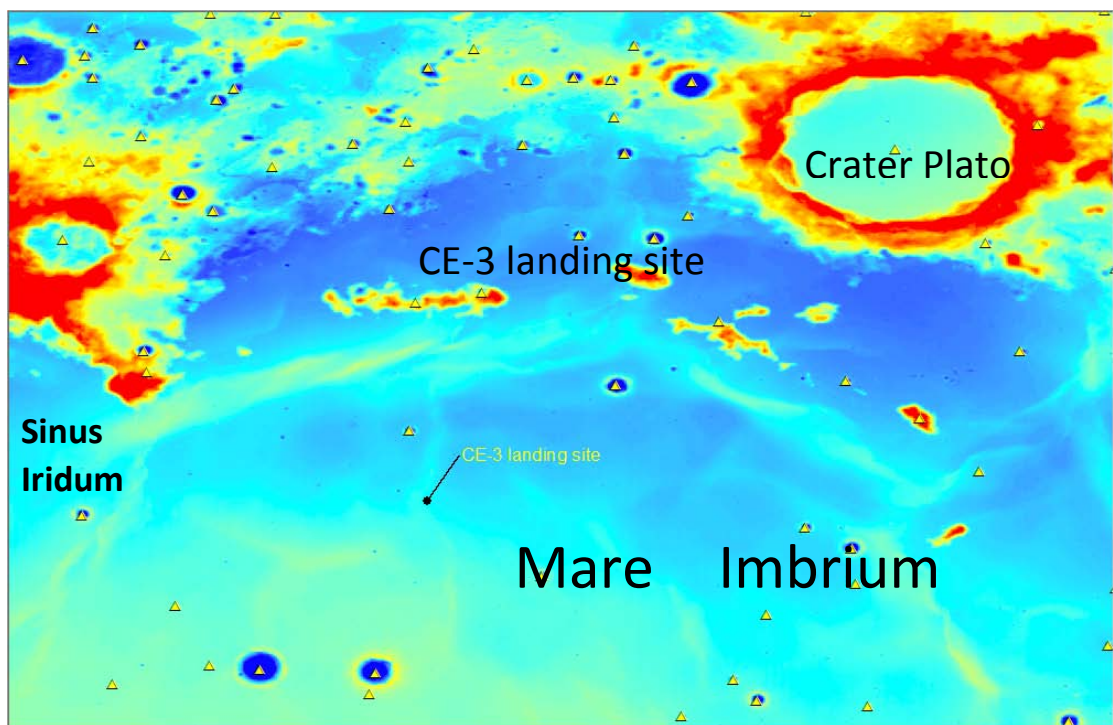
Average noon temperature at the Chang'e 3 landing site: about 348 K~357 K.

嫦娥三号着陆点在月球正午的平均温度约为 348 K~357 K



Average night temperature in the Chang'e 3 landing site: 93 K~96 K

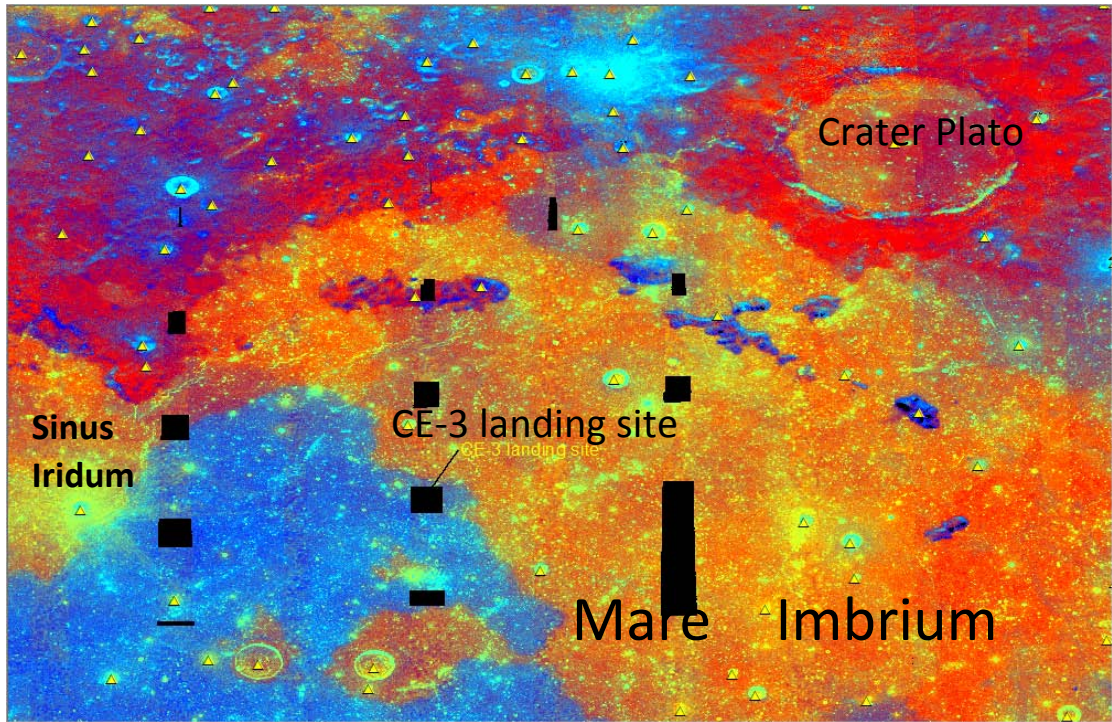
嫦娥三号着陆点月球夜间平均温度约为 93 K~96 K



Average altitude in in the Chang'e 3 landing site: -2621m

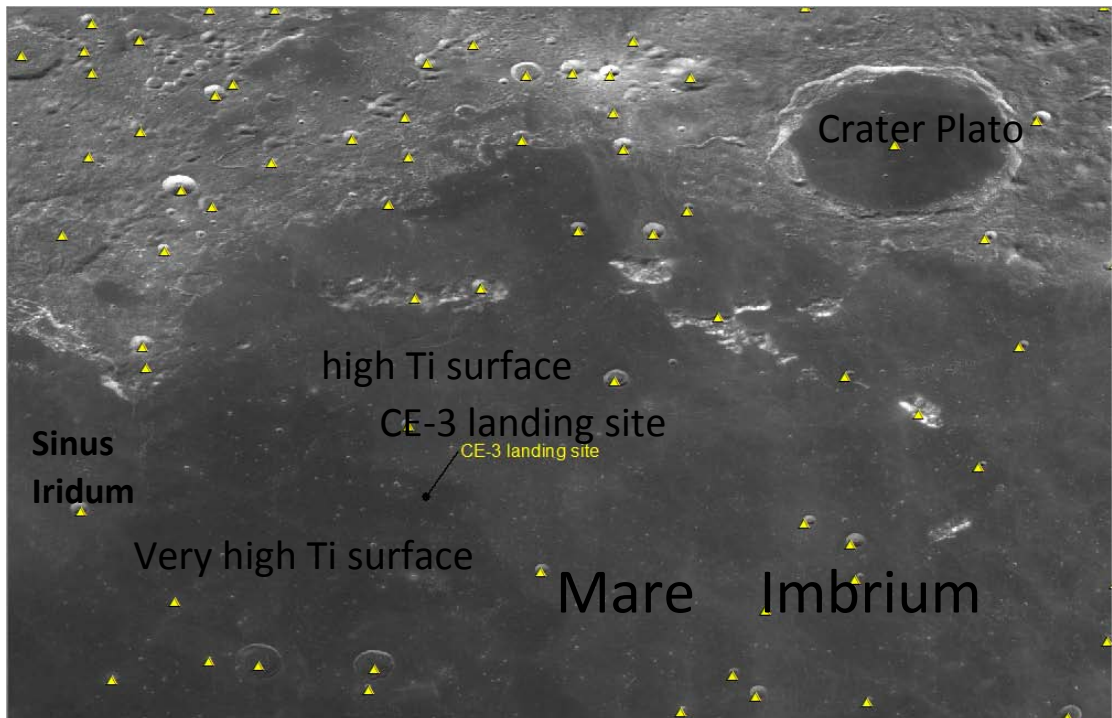
嫦娥三号着陆点的月球平均海拔高程约为： -2621 米





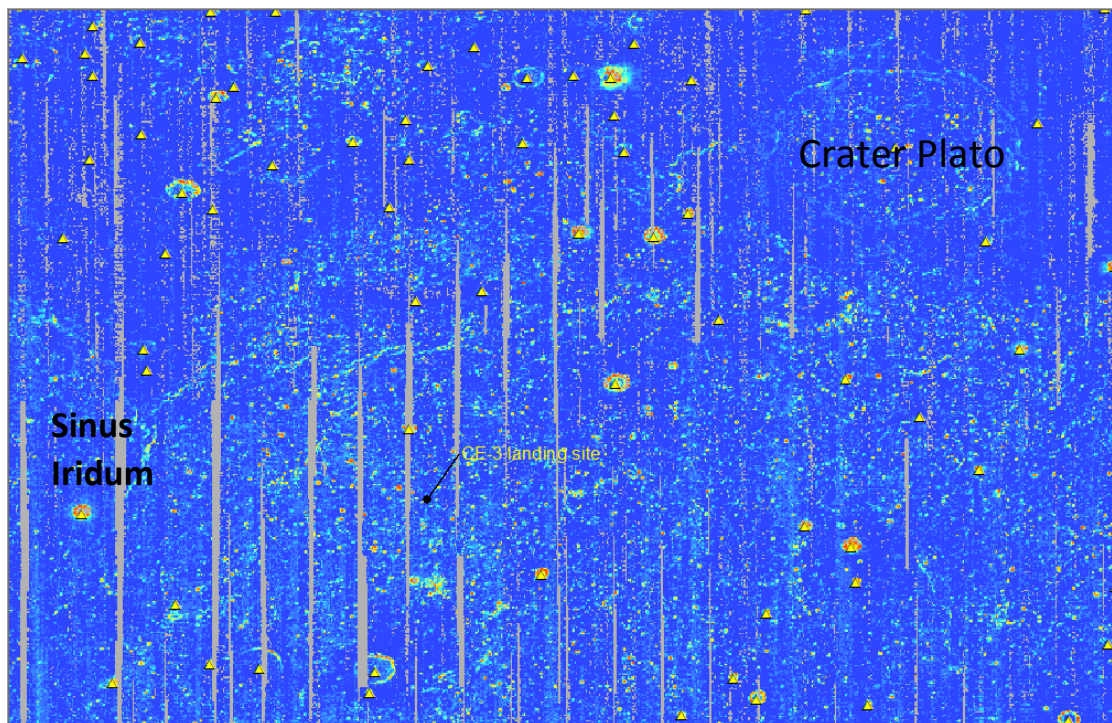
Chang'e 3 landed in the high iron region with FeO about 15~20%, TiO<sub>2</sub> about 10~15%.

嫦娥三号着陆点位于月球上铁钛含量很高的地区，氧化亚铁含量约为 15~20%；二氧化钛平均含量约为 10~15%。



Chang'e 3 landed near the contact region between the very high-Ti material (left lower) and high-Ti material in Mare Imbrium

嫦娥三号着陆点位于雨海地区内的极高钛地区（左下），离高钛地区的边界较近。



Rock abundance in the Chang'e 3 landing site is very low. It is helpful to the Yutu rover (Jade rabbit)

嫦娥三号着陆点的石块含量较低，有利于月球车后期开展巡视探测

**May Yutu (Jade Rabbit) begin exciting new exploration.**

中国科学院国家天文台

**National Astronomical Observatories, Chinese Academy of Sciences.**

**Credit: Yong-Chun Zheng., Ph.D,**