

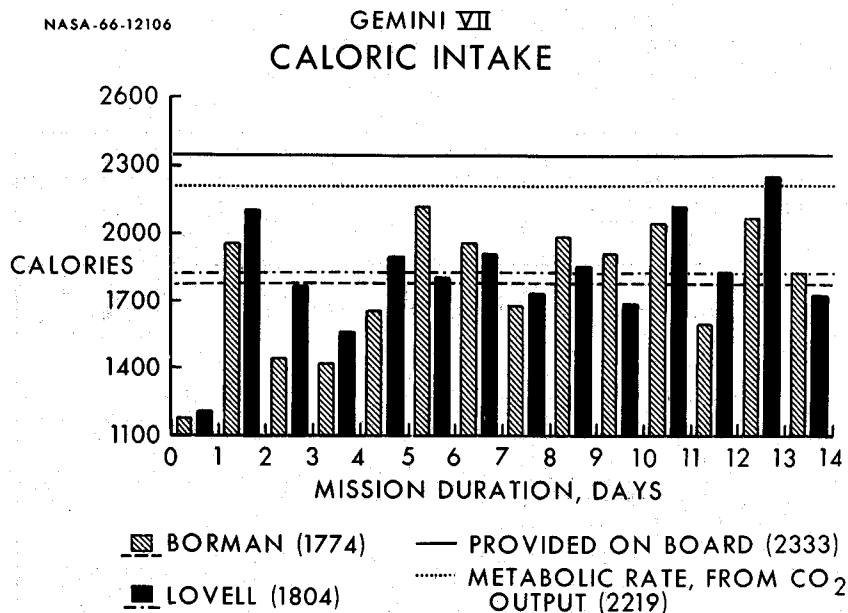


FIGURE 24

Now, we have got a lot to learn, still, about this business with caloric intake. The people on the 8-day flight just didn't feel hungry, and some of the effects that we saw we feel may be related to that. In fact, if you notice, almost every effect was worse on the 8-day flight, so far. If you look at anything, whether it is the blood, the tilt studies, or whatnot, all of these things were worse on the 8-day flight.

Congressman ECKHARDT. How do you account for that drop after about the second, third, or fourth day?

That seems to have been true both on the 4 and on the 8.

Dr. BERRY. I think that some of this gets to be the sameness of the food, for one thing, and then I think it varies terrifically with activity. It varies with their interest in the actual food itself. It is food which is not like the sort of thing you eat here all the time, and, even though it can be palatable and sort of fun to eat around the table here, when you have to eat it for three meals a day for a period of several days, it is not exactly the same at all. I think there is some loss of interest in food that way, and things get pretty exciting in the space flight environment, and I think they get so tied up with things they would just as soon they do something else as eat. That is true with water intake, also.

Now, this is a listing of weight losses (fig. 25) and the important fact that we want you to note here is that we have had weight losses on all the flights with the one exception, where a man didn't lose any, on Gemini XI.

Now, this one was not available due to the landing that occurred over near Okinawa, and being tossed around on the destroyer we couldn't get a weight to compare with preflight weight.