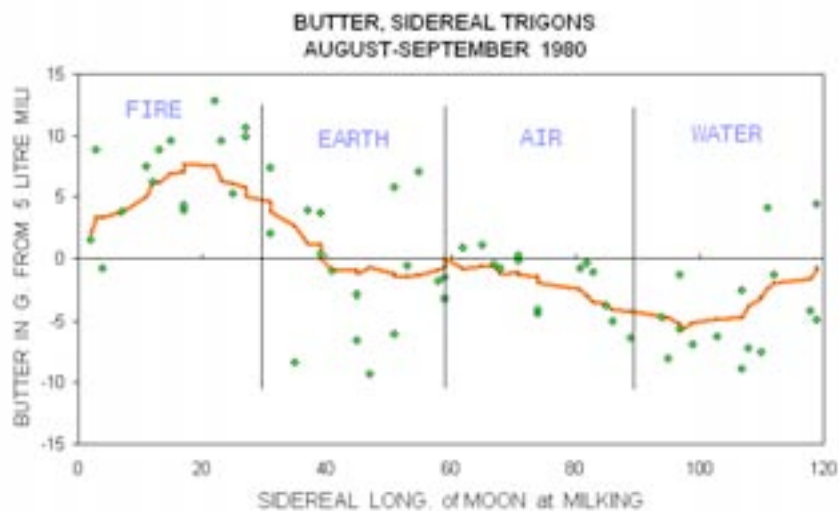


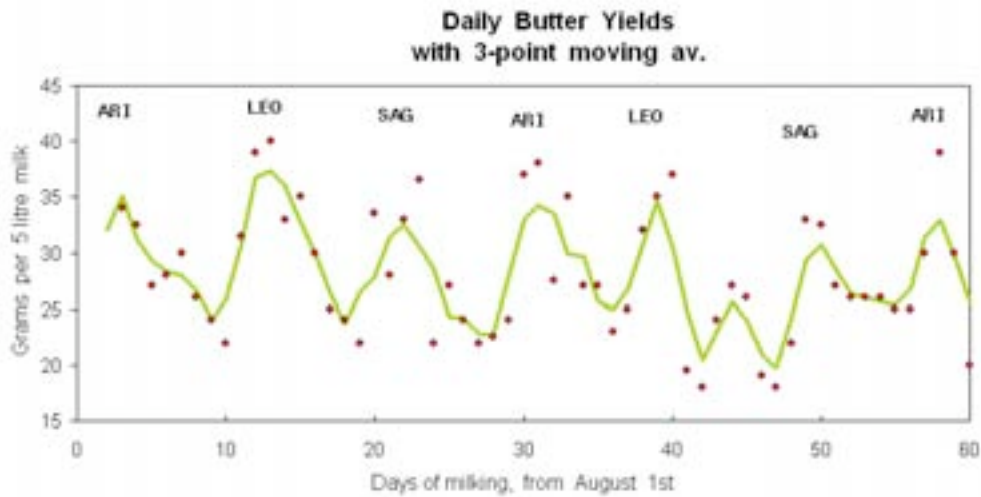
‘Milch und Milch-Verarbeitung’ Data of Maria Thun

Here is the 2 months of data which Thun published in her *Milch und Milch-Verarbeitung* (1985, 1991, Stuttgart), from daily milking of three goats. Each day she weighed the total milk and then made butter out of it. No-one has ever replicated this effect, but, when all is said and done, she did publish a booklet on the strength of this result.

Unfortunately in the 2 months of milk yield data there is a bit of a sudden discontinuity in the middle, with yields dropping drastically – as if one of the goats ceased to give milk. For this reason I preferred to use the butter yield, which was a ratio: yield per 5 litres of milk.



The two graphs are shown, one illustrating the sidereal yield rhythm over two months, the other showing this over a 120-degree of lunar angle, which just as it were shows the four-element rhythm. In this graph the three ‘fire’ constellations are represented by equal-interval 30-degree sidereal ‘signs’ and the fire signs (Archer, Lion and Ram) occupy the first 30 degrees. The Moon goes through the elements of the Zodiac in the sequence Fire, Earth, Air and Water.



The 'warmth-trigon' gave around 30% more butter from the milk each day, than did the other trigons. In both graphs a 'moving average' trend-line has been put through the data. A 'trigon' here means a sky-triangle, of three constellations having the same element.

In her vegetable-yield experiments, the sidereal Moon time is at sowing, and the harvesting is some months later – whereas in this one, the milking was done in the warmth-trigon (or, fruit/seed day) and so it is in some respects conceptually simpler.

Thun claimed that a perigee effect was also present but I did not find this.

Nick Kollerstrom January 2006

Days Aug/Sept 1980	DayNo.	MILK YIELD gms/10	Butter Y. from 5 l.	3-point moving average
		751.1639344	28.21311475	
1	1	825	23	
2	2	835	39	32
3	3	800	34	35.2
4	4	855	32.5	31.2
5	5	770	27	29.2
6	6	720	28	28.3
7	7	770	30	28
8	8	764	26	26.7
9	9	810	24	24
10	10	800	22	25.8
11	11	813	31.5	30.8
12	12	800	39	36.8
13	13	785	40	37.3

14	14	780	33	36
15	15	860	35	32.7
16	16	830	30	30
17	17	830	25	26.3
18	18	815	24	23.7
19	19	760	22	26.5
20	20	790	33.5	27.8
21	21	805	28	31.5
22	22	840	33	32.5
23	23	795	36.5	30.5
24	24	700	22	28.5
25	25	830	27	24.3
26	26	770	24	24.3
27	27	760	22	22.8
28	28	761	22.5	22.8
29	29	790	24	27.8
30	30	795	37	33
31	31	770	38	34.2
1	32	785	27.5	33.5
2	33	740	35	29.8
3	34	635	27	29.7
4	35	660	27	25.7
5	36	685	23	25
6	37	670	25	26.7
7	38	710	32	30.7
8	39	670	35	34.7
9	40	705	37	30.5
10	41	690	19.5	24.8
11	42	690	18	20.5
12	43	675	24	23
13	44	725	27	25.7
14	45	720	26	24
15	46	675	19	21
16	47	695	18	19.7
17	48	700	22	24.3
18	49	710	33	29.2
19	50	715	32.5	30.8
20	51	665	27	28.5
21	52	700	26	26.3
22	53	710	26	26
23	54	725	26	25.7
24	55	730	25	25.3
25	56	755	25	26.7
26	57	743	30	31.3
27	58	740	39	33
28	59	720	30	29.7
29	60	720	20	25.7
30	61	730	27	