

Signal *fam11		1	3	5	7	9	11	13	15	17	19	21	23	25	27	29
lo11		0	11	22	33	44	55	66	77	88	99	110	121	132	143	154
hi11		10	21	32	43	54	65	76	87	98	109	120	131	142	153	164
LO + HI		0+10	11+21	22+32	33+43	44+54	55+65	66+76	77+87	88+98						
SUM	LO + HI + 1	11	33	55	77	99	121	143	165	187	209	231	253	275	297	319

	HI + 1	11	22	33	44	55	66	77	88	99	110	121	132	143	154	165
BOX COUNT	DIV 11	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

For a run of thirty (30) inside one box:

The HI + 1 will become the LO of the next higher box.

The top yellow row is the [(BOX COUNT x 2) - 1].

So , [(BC x 2) - 1] = set of odd numbers. Top Yellow row

$$\{[(HI + 1) * 2] + Signal\} = (Next\ Box\ SUM)$$

$$(HI + 1) = Signal \times K ; K = (1 , 2 , 3 , 4 , ...)$$

$$(54+1)*2 = 110 ; 110 + 11 = 121$$

The HI will always be one less (-1) than the *fam times any 2nd factor
(*fam * 2ndFactor)