## **Visual Presentation**

End of Dinosaurs Asteroid Theory







## These are the same thing.

## WIKIPEDIA

#### **Climate across Cretaceous–Paleogene boundary**

The K–Pg (formerly K–T) boundary is a thin band of sediment that dates back to 66 million years ago, and is found as a consistent layer all over the planet in over 100 known different locations. K and T are the abbreviations for the Cretaceous and Tertiary periods, respectively, but the name Tertiary has been replaced by "Paleogene" as a formal time or rock unit by the International Commission on Stratigraphy, and Pg is now the abbreviation.

https://en.wikipedia.org/wiki/Climate\_across\_Cretaceous%E2%80%93Paleogene\_boundary



# The K–Pg boundary is a thin band of sediment that dates back to 66 million years ago.

									Peri	odic tabl	e								
	1	2	3		4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
0	Hydrogen																		Helium
U	H 1.008																		4.0026
	Lithium	Beryllium												Boron	Carbon	Nitrogen	Oxygen	Fluorine	Neon
0	3 Li 6.94	4 Be 9.0122												5 B 10.81	6 C 12.011	7 N 14.007	8 O 15.999	9 F 18.998	10 Ne 20.180
	Sodium	Magne-												Alumin-	Silicon	Phos-	Sulfur	Chlorine	Argon
3	11	sium 12												13	14	pnorus 15	16	17	18
	Na 22,990	Mg 24,305												AI 26.982	Si 28.085	P 30.974	S 32.06	CI 35.45	Ar 39.948
	Potas- sium	Calcium	Scandium		Titanium	Vanadium	Chrom-	Manga- nese	Iron	Cobalt	Nickel	Copper	Zinc	Gallium	Germa- nium	Arsenic	Selenium	Bromine	Krypton
4	19 K	20 Ca	21		22	23 V	24 Cr	25 Mn	26 Fe	27	28 Ni	29 Cu	30 Zn	31	32 Ge	33	34	35 Br	36 Kr
	39.098	40.078	44.956		47.867	50.942	51.996	54.938	55.845	58.933	58.693	63.546	65.38	69.723	72.630	74.922	78.971	79.904	83.798
	Rubidium	Strontium	Yttrium		Zirconium	Niobium	Molyb- denum	Tech-	Ruthe-	Rhodium	Palladium	Silver	Cadmium	Indium	Tin	Antimony	Tellurium	lodine	Xenon
G	37	38	39		40	41	42	43				47	48	49	50	51	52	53	54
	Rb 85.468	87.62	¥ 88.906		2r 91.224	Nb 92.908	MO 95.95	[98]	U 1.07	Rh 102.91	10	Ag 107.87	Cd 112.41	114.82	Sn 118.71	Sb 121.76	Te 127.60	126.90	Xe 131.29
	Caesium	Barium	Lan-		Hafnium	Tantalum	Tungsten	Rhenium	( nium	Iridium	Plat m	Gold	Mercury	Thallium	Lead	Bismuth	Polonium	Astatine	Radon
6	55	56	57	*	72	73	74	75	6	77		79	80	81	82	83	84	85	86
	Cs 132.91	Ba 137.33	La 138.91		Hf 178.49	Ta 180,95	W 183.84	Re 188.21	S 1,23	192.22	19	Au 196.97	Hg 200.59	TI 204.38	Pb 207.2	Bi 208.98	P0 (209)	At [210]	Rn (222)
	Francium	Radium	Actinium		Ruther-	Dubnium	Sea-	Bohrium	F sium	Meit-	Da	Roent-	Coper-	Nihonium	Flerovium	Moscov-	Liver-	Tenness-	Oga-
Ø	87	88	89	±	fordium 104	105	borgium 106	107	100	198	m	genium 111	nicium 112	113	114	ium 115	morium 116	ine 117	nesson 118
0	Fr	Ra (226)	Ac	Ť	Rf (287)	Db	Sg	Bh	HS (2701	Mt (2781	DS (281)	Rg	Cn	Nh	FI	Mc	LV (293)	TS (294)	Og
	[223]	[226]	[227]	* **	[287] Cerium 58 <b>Ce</b> 140.12 Thorium 90 <b>Th</b> 232.04	[288] Praseo- dymium 59 <b>Pr</b> 140.91 Protac- tinium 91 <b>Pa</b> 231.04	[289] dymium 60 Nd 144.24 Uranium 92 U 238.03	[270] Prome- thium 61 <b>Pm</b> [145] Neptu- nium 93 <b>Np</b> [237]	[270] Sama- rium 62 Sm 150.36 Plutonium 94 Pu [244]	[278] Europium 63 Eu 151.96 Ameri- cium 95 Am [243]	[281] Gadolin- ium 64 Gd 157.25 Curium 96 Cm [247]	[282] Terbium 65 <b>Tb</b> 158.93 Berkelium 97 <b>Bk</b> [247]	[285] Dyspro- sium 66 Dy 162.50 Califor- nium 98 Cf [251]	[288] Holmium 67 Ho 164.93 Einstei- nium 99 Es [252]	[289] Erbium 68 Er 167,28 Fermium 100 Fm [257]	[290] Thulium 69 <b>Tm</b> 168.93 Mende- levium 101 <b>Md</b> [258]	[293] Ytterbium 70 Yb 173.05 Nobelium 102 No [259]	[294] Lutetium 71 Lu 174.97 Lawren- cium 103 Lr [200]	[294]



### **About Iridium:**

- The element is extremely rare on Earth's crust
- But, it is often in abundance in meteorites



A 6-mile wide asteroid struck the ground. The element Iridium is rare on Earth, but common in asteroids. A thin layer of Ir occurs around the Earth.