

Year	Month	Day	Location	Activity	Time	Duration	Notes
1992	Jan	1	Honolulu	Arrival	08:00	09:00	First flight to Honolulu
1992	Jan	2	Honolulu	Departure	18:00	19:00	Depart for Maui
1992	Jan	3	Maui	Arrival	07:00	08:00	Arrived Maui
1992	Jan	4	Maui	Departure	17:00	18:00	Depart Maui for Hawaii
1992	Jan	5	Hawaii	Arrival	06:00	07:00	Arrived Hawaii
1992	Jan	6	Hawaii	Departure	16:00	17:00	Depart Hawaii for Kauai
1992	Jan	7	Kauai	Arrival	05:00	06:00	Arrived Kauai
1992	Jan	8	Kauai	Departure	15:00	16:00	Depart Kauai for Oahu
1992	Jan	9	Oahu	Arrival	04:00	05:00	Arrived Oahu
1992	Jan	10	Oahu	Departure	14:00	15:00	Depart Oahu for Molokai
1992	Jan	11	Molokai	Arrival	03:00	04:00	Arrived Molokai
1992	Jan	12	Molokai	Departure	13:00	14:00	Depart Molokai for Maui
1992	Jan	13	Maui	Arrival	02:00	03:00	Arrived Maui
1992	Jan	14	Maui	Departure	12:00	13:00	Depart Maui for Hawaii
1992	Jan	15	Hawaii	Arrival	01:00	02:00	Arrived Hawaii
1992	Jan	16	Hawaii	Departure	11:00	12:00	Depart Hawaii for Maui
1992	Jan	17	Maui	Arrival	00:00	01:00	Arrived Maui
1992	Jan	18	Maui	Departure	10:00	11:00	Depart Maui for Hawaii
1992	Jan	19	Hawaii	Arrival	09:00	10:00	Arrived Hawaii
1992	Jan	20	Hawaii	Departure	08:00	09:00	Depart Hawaii for Maui
1992	Jan	21	Maui	Arrival	07:00	08:00	Arrived Maui
1992	Jan	22	Maui	Departure	06:00	07:00	Depart Maui for Hawaii
1992	Jan	23	Hawaii	Arrival	05:00	06:00	Arrived Hawaii
1992	Jan	24	Hawaii	Departure	04:00	05:00	Depart Hawaii for Maui
1992	Jan	25	Maui	Arrival	03:00	04:00	Arrived Maui
1992	Jan	26	Maui	Departure	02:00	03:00	Depart Maui for Hawaii
1992	Jan	27	Hawaii	Arrival	01:00	02:00	Arrived Hawaii
1992	Jan	28	Hawaii	Departure	00:00	01:00	Depart Hawaii for Maui
1992	Jan	29	Maui	Arrival	23:00	00:00	Arrived Maui
1992	Jan	30	Maui	Departure	22:00	23:00	Depart Maui for Hawaii
1992	Jan	31	Hawaii	Arrival	21:00	22:00	Arrived Hawaii

Chemical Equilibrium

Reaction	K _c	K _p	ΔG° (kJ/mol)	ΔH° (kJ/mol)	ΔS° (J/mol·K)
2NO(g) + O ₂ (g) ⇌ 2NO ₂ (g)	1.6 × 10 ¹²	2.6 × 10 ¹²	-318	-113	-146
N ₂ (g) + 3H ₂ (g) ⇌ 2NH ₃ (g)	6.0 × 10 ⁵	6.1 × 10 ⁵	-33	-46	-166
2SO ₂ (g) + O ₂ (g) ⇌ 2SO ₃ (g)	2.5 × 10 ¹⁰	2.5 × 10 ¹⁰	-400	-99	-188

Reaction	K _c	K _p	ΔG° (kJ/mol)	ΔH° (kJ/mol)	ΔS° (J/mol·K)
H ₂ (g) + I ₂ (g) ⇌ 2HI(g)	50.0	50.0	-16.7	0	16.7
CO(g) + H ₂ O(g) ⇌ CO ₂ (g) + H ₂ (g)	1.0	1.0	-13.0	41.2	-42.1
2H ₂ (g) + O ₂ (g) ⇌ 2H ₂ O(g)	5.6 × 10 ²⁹	5.6 × 10 ²⁹	-474.4	-483.6	-87

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N ₂ (g) + 3H ₂ (g) ⇌ 2NH ₃ (g)	6.0 × 10 ⁵	6.1 × 10 ⁵	-33	-46	-166
2SO ₂ (g) + O ₂ (g) ⇌ 2SO ₃ (g)	2.5 × 10 ¹⁰	2.5 × 10 ¹⁰	-400	-99	-188

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N ₂ (g) + 3H ₂ (g) ⇌ 2NH ₃ (g)	6.0 × 10 ⁵	6.1 × 10 ⁵	-33	-46	-166
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CO(g) + H ₂ O(g) ⇌ CO ₂ (g) + H ₂ (g)	1.0	1.0	-13.0	41.2	-42.1
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