

Table 15.5 from (1981AJ01): Lifetimes of some ^{15}N states ^a

E_x (MeV)	τ_m	Reaction	Refs.
5.27	2.6 ± 0.2 psec	mean	Table 15.6 in (1976AJ04)
5.30	25 ± 7 fsec	mean	Table 15.6 in (1976AJ04)
6.32	0.35 ± 0.07 fsec	$^{15}\text{N}(\text{e}, \text{e})$	(1975KI08)
	0.23 ± 0.002 fsec ^A	$^{15}\text{N}(\gamma, \gamma)$	(1976MO14)
7.16	28 ± 8 fsec	$^{13}\text{C}(^{14}\text{N}, ^{12}\text{C})$	(1975SE04)
	9 ± 7 fsec	$^{12}\text{C}(^7\text{Li}, \alpha)$	(1979HA38)
	18 ± 8 fsec	mean	
7.30	< 10 fsec	$^{12}\text{C}(^7\text{Li}, \alpha)$	(1979HA38)
	0.25 ± 0.10 fsec ^A	$^{15}\text{N}(\text{e}, \text{e})$	(1975KI09)
7.57	12_{-6}^{+11} fsec	$^{12}\text{C}(^7\text{Li}, \alpha)$	(1979HA38)
	60 ± 20 fsec	$^{14}\text{N}(\text{d}, \text{p})$	(1968GI11)
8.31	< 16 fsec	$^{12}\text{C}(^7\text{Li}, \alpha)$	(1979HA38)
8.57	11 ± 7 fsec	$^{12}\text{C}(^7\text{Li}, \alpha)$	(1979HA38)
9.05	< 2 fsec	$^{12}\text{C}(^7\text{Li}, \alpha)$	(1979HA38)
9.152	< 40 fsec	$^{13}\text{C}(^3\text{He}, \text{p})$	(1972ST22)
9.155	7_{-3}^{+6} fsec	$^{12}\text{C}(^7\text{Li}, \alpha)$	(1978HA39)
9.23	< 130 fsec	$^{13}\text{C}(^3\text{He}, \text{p})$	(1972ST22)
9.76	< 12 fsec	$^{12}\text{C}(^7\text{Li}, \alpha)$	(1979HA38)
9.83	17 ± 7 fsec	$^{12}\text{C}(^7\text{Li}, \alpha)$	(1979HA38)
9.93	< 10 fsec	$^{12}\text{C}(^7\text{Li}, \alpha)$	(1979HA38)
10.07	0.16 ± 0.05 fsec	$^{15}\text{N}(\gamma, \gamma)$	(1976PA22)
10.69	18 ± 9 fsec	$^{12}\text{C}(^7\text{Li}, \alpha)$	(1979HA38)

A = adopted.

^a See also Tables 15.12 and 15.17 for other states.