

Table 15.6 from (1986AJ01):
Lifetimes of some ^{15}N states ^a

E_x (MeV)	τ_m	Reaction
5.27	2.47 ± 0.24 psec	$^1\text{H}(^{18}\text{O}, \alpha)$ ^b
	2.58 ± 0.14 psec	mean
5.30	25 ± 7 fsec	mean
6.32	0.211 ± 0.012 fsec	$^{15}\text{N}(\gamma, \gamma)$ ^c
7.16	18 ± 8 fsec	mean
7.30	0.61 ± 0.05 fsec	$^{15}\text{N}(\gamma, \gamma)$ ^c
7.57	12_{-6}^{+11} fsec	$^{12}\text{C}(^7\text{Li}, \alpha)$
	60 ± 20 fsec	$^{14}\text{N}(\text{d}, \text{p})$
8.31	1.7 ± 1.1 fsec	$^{15}\text{N}(\gamma, \gamma)$ ^c
8.57	11 ± 7 fsec	$^{12}\text{C}(^7\text{Li}, \alpha)$
	0.7 ± 0.7 fsec	$^{15}\text{N}(\gamma, \gamma)$ ^c
9.05	0.50 ± 0.08 fsec	$^{15}\text{N}(\gamma, \gamma)$ ^c
9.152	1.40 ± 0.36 fsec	$^{15}\text{N}(\gamma, \gamma)$ ^c
9.155	7_{-3}^{+6} fsec	$^{12}\text{C}(^7\text{Li}, \alpha)$
9.23	< 130 fsec	$^{13}\text{C}(^3\text{He}, \text{p})$
9.76	2.6 ± 0.9 fsec	$^{15}\text{N}(\gamma, \gamma)$ ^c
9.83	17 ± 7 fsec	$^{12}\text{C}(^7\text{Li}, \alpha)$
9.93	0.31 ± 0.05 fsec	$^{15}\text{N}(\gamma, \gamma)$ ^c
10.07	0.100 ± 0.006 fsec	$^{15}\text{N}(\gamma, \gamma)$ ^c
10.69	18 ± 9 fsec	$^{12}\text{C}(^7\text{Li}, \alpha)$

^a See also [Tables 15.12](#) and [15.16](#) for other states. See [Table 15.5 in \(1981AJ01\)](#) for references.

^b (1983BI10).

^c (1981MO09). See also [Table 15.5 in \(1981AJ01\)](#).