

WMAP Cosmological Parameters

Model: Λ cdm

Data: wmap9+snls3

$10^9 \Delta_{\mathcal{R}}^2$	2.367 ± 0.095	H_0	71.3 ± 1.9 km/s/Mpc
$\ell(\ell+1)C_{220}/(2\pi)$	$5754 \pm 34 \mu\text{K}^2$	$d_A(z_{\text{eq}})$	14240 ± 110 Mpc
$d_A(z_*)$	14075 ± 111 Mpc	$D_v(z=0.57)/r_s(z_d)$	13.10 ± 0.26
η	$(6.23 \pm 0.13) \times 10^{-10}$	k_{eq}	0.00979 ± 0.00028
ℓ_{eq}	137.7 ± 3.0	ℓ_*	302.20 ± 0.64
n_b	$(2.559 \pm 0.055) \times 10^{-7} \text{ cm}^{-3}$	n_s	0.977 ± 0.012
Ω_b	0.0449 ± 0.0020	$\Omega_b h^2$	0.02278 ± 0.00049
Ω_c	0.220 ± 0.019	$\Omega_c h^2$	0.1113 ± 0.0039
Ω_Λ	0.735 ± 0.020	Ω_m	0.265 ± 0.020
$\Omega_m h^2$	0.1341 ± 0.0038	$r_s(z_d)$	152.8 ± 1.2 Mpc
$r_s(z_d)/D_v(z=0.106)$	0.353 ± 0.010	$r_s(z_d)/D_v(z=0.2)$	0.1923 ± 0.0052
$r_s(z_d)/D_v(z=0.35)$	0.1153 ± 0.0028	$r_s(z_d)/D_v(z=0.44)$	0.0946 ± 0.0021
$r_s(z_d)/D_v(z=0.54)$	0.0798 ± 0.0016	$r_s(z_d)/D_v(z=0.57)$	0.0763 ± 0.0015
$r_s(z_d)/D_v(z=0.6)$	0.0733 ± 0.0014	$r_s(z_d)/D_v(z=0.73)$	0.0631 ± 0.0011
$r_s(z_*)$	$146.3_{-1.1}^{+1.0}$	R	1.719 ± 0.014
σ_8	0.812 ± 0.022	$\sigma_8 \Omega_m^{0.5}$	0.418 ± 0.025
$\sigma_8 \Omega_m^{0.6}$	0.366 ± 0.024	α_{SNLS}	1.43 ± 0.11
β_{SNLS}	3.26 ± 0.11	A_{SZ}	< 2.0 (95% CL)
t_0	13.70 ± 0.11 Gyr	τ	0.091 ± 0.014
θ_*	0.010396 ± 0.000022	θ_*	$0.5956 \pm 0.0013^\circ$
τ_{rec}	285.2 ± 2.1	t_{reion}	450_{-64}^{+63} Myr
t_*	378610_{-3604}^{+3592} yr	z_d	1020.8 ± 1.1
z_{eq}	3210_{-91}^{+92}	z_{rec}	1087.84 ± 0.74
z_{reion}	10.7 ± 1.1	z_*	1090.56 ± 0.77