

WMAP Cosmological Parameters

Model: lcdm+mnv

Data: wmap9+snls3+h0

$10^9 \Delta_{\mathcal{R}}^2$	$2.319^{+0.086}_{-0.085}$	H_0	71.6 ± 1.6 km/s/Mpc
$\ell(\ell+1)C_{220}/(2\pi)$	5766 ± 34 μK^2	$d_A(z_{\text{eq}})$	14280 ± 108 Mpc
$d_A(z_*)$	14116^{+110}_{-109} Mpc	$D_v(z=0.57)/r_s(z_d)$	13.03 ± 0.22
η	$(6.28 \pm 0.13) \times 10^{-10}$	k_{eq}	0.00961 ± 0.00025
ℓ_{eq}	135.6 ± 2.6	ℓ_*	301.95 ± 0.61
$\sum m_\nu$	< 0.34 eV (95% CL)	n_b	$(2.581 \pm 0.052) \times 10^{-7}$ cm^{-3}
n_s	0.983 ± 0.011	Ω_b	0.0449 ± 0.0018
$\Omega_b h^2$	0.02299 ± 0.00046	Ω_c	0.212 ± 0.015
$\Omega_c h^2$	0.1086 ± 0.0034	Ω_Λ	0.740 ± 0.017
Ω_m	0.260 ± 0.017	$\Omega_m h^2$	$0.1329^{+0.0034}_{-0.0033}$
$\Omega_\nu h^2$	< 0.0036 (95% CL)	$r_s(z_d)$	153.3 ± 1.1 Mpc
$r_s(z_d)/D_v(z=0.106)$	$0.3557^{+0.0085}_{-0.0086}$	$r_s(z_d)/D_v(z=0.2)$	$0.1938^{+0.0043}_{-0.0044}$
$r_s(z_d)/D_v(z=0.35)$	0.1161 ± 0.0023	$r_s(z_d)/D_v(z=0.44)$	0.0952 ± 0.0018
$r_s(z_d)/D_v(z=0.54)$	0.0802 ± 0.0014	$r_s(z_d)/D_v(z=0.57)$	0.0768 ± 0.0013
$r_s(z_d)/D_v(z=0.6)$	0.0737 ± 0.0012	$r_s(z_d)/D_v(z=0.73)$	0.06340 ± 0.00093
$r_s(z_*)$	146.87 ± 0.99	R	1.716 ± 0.011
σ_8	0.776 ± 0.033	$\sigma_8 \Omega_m^{0.5}$	0.395 ± 0.023
$\sigma_8 \Omega_m^{0.6}$	0.346 ± 0.021	α_{SNLS}	1.43 ± 0.11
β_{SNLS}	3.26 ± 0.11	A_{SZ}	< 2.0 (95% CL)
t_0	13.70 ± 0.10 Gyr	τ	0.095 ± 0.014
θ_*	0.010404 ± 0.000021	θ_*	0.5961 ± 0.0012 $^\circ$
τ_{rec}	286.6 ± 1.9	t_{reion}	443^{+62}_{-63} Myr
t_*	381012^{+3181}_{-3199} yr	z_d	1021.0 ± 1.1
z_{eq}	3150 ± 82	z_{rec}	1087.47 ± 0.67
z_{reion}	10.9 ± 1.1	z_*	1090.07 ± 0.66