

WMAP Cosmological Parameters

Model: lcdm

Data: wmap9+h0

$10^9 \Delta_{\mathcal{R}}^2$	2.350 ± 0.088	H_0	$71.7 \pm 1.6 \text{ km/s/Mpc}$
$\ell(\ell+1)C_{220}/(2\pi)$	$5759 \pm 33 \mu\text{K}^2$	$d_A(z_{\text{eq}})$	$14242_{-111}^{+110} \text{ Mpc}$
$d_A(z_*)$	$14078_{-112}^{+111} \text{ Mpc}$	$D_v(z=0.57)/r_s(z_d)$	13.04 ± 0.23
η	$(6.26 \pm 0.13) \times 10^{-10}$	k_{eq}	0.00975 ± 0.00026
ℓ_{eq}	137.2 ± 2.7	ℓ_*	302.07 ± 0.61
n_b	$(2.570 \pm 0.052) \times 10^{-7} \text{ cm}^{-3}$	n_s	0.980 ± 0.011
Ω_b	0.0445 ± 0.0017	$\Omega_b h^2$	0.02289 ± 0.00046
Ω_c	0.216 ± 0.016	$\Omega_c h^2$	0.1107 ± 0.0036
Ω_Λ	0.740 ± 0.018	Ω_m	0.260 ± 0.018
$\Omega_m h^2$	0.1335 ± 0.0036	$r_s(z_d)$	$152.9 \pm 1.2 \text{ Mpc}$
$r_s(z_d)/D_v(z=0.106)$	0.3552 ± 0.0090	$r_s(z_d)/D_v(z=0.2)$	0.1936 ± 0.0046
$r_s(z_d)/D_v(z=0.35)$	$0.1160_{-0.0025}^{+0.0024}$	$r_s(z_d)/D_v(z=0.44)$	0.0951 ± 0.0019
$r_s(z_d)/D_v(z=0.54)$	0.0801 ± 0.0015	$r_s(z_d)/D_v(z=0.57)$	0.0767 ± 0.0014
$r_s(z_d)/D_v(z=0.6)$	0.0736 ± 0.0013	$r_s(z_d)/D_v(z=0.73)$	0.06334 ± 0.00098
$r_s(z_*)$	146.4 ± 1.0	R	1.716 ± 0.012
σ_8	0.811 ± 0.022	$\sigma_8 \Omega_m^{0.5}$	0.413 ± 0.023
$\sigma_8 \Omega_m^{0.6}$	0.361 ± 0.022	A_{SZ}	$< 2.0 \text{ (95\% CL)}$
t_0	$13.673 \pm 0.096 \text{ Gyr}$	τ	0.092 ± 0.014
θ_*	0.010400 ± 0.000021	θ_*	$0.5959 \pm 0.0012^\circ$
τ_{rec}	285.5 ± 2.0	t_{reion}	$448 \pm 63 \text{ Myr}$
t_*	$379196_{-3354}^{+3344} \text{ yr}$	z_d	1021.0 ± 1.1
z_{eq}	3197 ± 86	z_{rec}	$1087.70_{-0.69}^{+0.68}$
z_{reion}	10.8 ± 1.1	z_*	1090.37 ± 0.68